

# MP 2555/3055/3555/4055 5055/6055 series



## Read This First

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For information not found in paper manuals, see the online manuals available on our web site (<http://www.ricoh.com/>) or via the control panel.



Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Safety Information in this manual before using the machine.



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# How to Read the Manuals

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## Symbols Used in the Manuals

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This manual uses the following symbols:

 **Important**

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

 **Note**

Indicates supplementary explanations of the machine's functions, and instructions on resolving user errors.

 **Reference**

This symbol is located at the end of sections. It indicates where you can find further relevant information.




Indicates the names of keys on the machine's display or control panels.




Indicates instructions displayed on the control panel.



Indicates instructions in sheet form.

 **Region A** (mainly Europe and Asia), (mainly Europe), or (mainly Asia)

 **Region B** (mainly North America)

Differences in the functions of Region A and Region B models are indicated by two symbols. Read the information indicated by the symbol that corresponds to the region of the model you are using. For details about which symbol corresponds to the model you are using, see "Model-Specific Information", Getting Started .

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## Disclaimer

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To the maximum extent permitted by applicable laws, in no event will the manufacturer be liable for any damages whatsoever arising out of failures of this machine, losses of the registered data, or the use or non-use of this product and operation manuals provided with it.

Make sure that you always copy or have backups of the data registered in this machine. Documents or data might be erased due to your operational errors or malfunctions of the machine.

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In no event will the manufacturer be responsible for any documents created by you using this machine or any results from the data executed by you.

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## Notes

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Contents of this manual are subject to change without prior notice.

Some illustrations in this manual might be slightly different from the machine.

For good output quality, the manufacturer recommends that you use genuine toner from the manufacturer.

The manufacturer shall not be responsible for any damage or expense that might result from the use of parts other than genuine parts from the manufacturer with your office products.

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## Machine Types

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Check the type of your machine before reading the manuals.

- Type 1: MP 2555SP, MP 2555SPG, MP 2555SP TE, MP 2555SP AD
- Type 2: MP 3055SP, MP 3055SPG, MP 3055SP TE, MP 3055SP AD
- Type 3: MP 3555SP, MP 3555SPG, MP 3555SP TE, MP 3555SP AD
- Type 4: MP 4055SP, MP 4055SPG, MP 4055SP TE
- Type 5: MP 5055SP, MP 5055SPG, MP 5055SP TE
- Type 6: MP 6055SP, MP 6055SPG, MP 6055SP TE

Certain types might not be available in some countries. For details, please contact your local dealer.

Certain options might not be available in some countries. For details, please contact your local dealer.

Depending on which country you are in, certain units may be optional. For details, please contact your local dealer.



# 1. Manuals Provided with This Machine

This chapter explains manuals for this machine.

## Manuals for This Machine

The operating instructions of this machine are provided in the following formats:

Format	Manuals
Printed manuals	<ul style="list-style-type: none"><li>• Read This First</li><li>• Start Guide</li></ul>
CD-ROM	<ul style="list-style-type: none"><li>• Driver Installation Guide</li></ul>
Manuals displayed on the control panel	<ul style="list-style-type: none"><li>• Operating Instructions (HTML manuals)</li></ul>
Web page	<ul style="list-style-type: none"><li>• Read This First</li><li>• User Guide</li><li>• Start Guide</li><li>• Operating Instructions (HTML manuals)</li><li>• Quick Reference Guide</li><li>• Driver Installation Guide</li></ul>

### Read This First

Before using the machine, be sure to read the section of this manual entitled Safety Information. It also describes each regulation and environmental conformance.

### Start Guide

Describes how to read manuals on the control panel. It also describes how to log in to the machine.

### User Guide

Regarding the basic usage of this machine, frequently used functions, troubleshooting when an error message appears, etc., summaries are provided for each user manual.

### Operating Instructions (HTML manuals)

Describes the setup for using the machine, how to use functions to copy, fax, print, scan or for maintenance and specifications, troubleshooting, system settings, and security functions.

Manuals are available in English, German, French, Italian, Spanish, Dutch, and Russian.

User Guide and Security Guide are available in the seven languages above and other languages.

For details about how to use the HTML manuals, see page 7 "How to Use the Operating Instructions".

## Quick Reference Guide


Describes per page the basic functions of copy, fax, and scan.

- Quick Reference Copy Guide
- Quick Reference Fax Guide
- Quick Reference Scanner Guide

## Driver Installation Guide

Describes how to install and configure each driver. This manual is included in the drivers CD.

### Note

- Before you configure the extended security and authentication settings, refer to "Before Using This Machine" in the Security Guide .
- You can download information about the machine's certification, which is based on an IT security certification system (hereafter CC Certification), from [https://support.ricoh.com/services/device/ccmanual/mp\\_2555\\_3055\\_3555\\_4055\\_5055\\_6055/en/download\\_admin.html](https://support.ricoh.com/services/device/ccmanual/mp_2555_3055_3555_4055_5055_6055/en/download_admin.html) and [https://support.ricoh.com/services/device/ccmanual/mp\\_2555\\_3055\\_3555\\_4055\\_5055\\_6055/en/download\\_user.html](https://support.ricoh.com/services/device/ccmanual/mp_2555_3055_3555_4055_5055_6055/en/download_user.html). This information is about how to set up the machine. If you have purchased a CC Certified machine, be sure to read it before operating the machine so you can make the correct settings before using it.
- You can see the following manuals on the Web page.
  - Appendix
  - DHCP Option 204



# How to Use the Operating Instructions

This chapter describes the operating instructions of this machine.

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## Read HTML Manuals

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The following browsers are recommended to read the HTML manuals.

- Internet Explorer 9/10/11
- Firefox 29
- Safari 5.1.7
- Chrome 35

### Note

- If JavaScript is disabled or unavailable in your browser, you will not be able to search or use certain buttons in the HTML documentation.
- The required display resolution is 1,024 × 768 pixels or greater.
- In the help on the top right of the top page, you can check how to use the HTML manuals. The help topics explain the icons and buttons that are displayed in the HTML manuals.

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## Search for what you want to do or can do

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Using Easy Search, you can search for what want to do or can do with this machine.

1. Click **Easy Search** on the top right of the top page.
2. Click a title to display the item you want to read.

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## Search by entering a keyword

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You can search through the HTML manuals.

This section explains how to search for "duplex".

1. Enter **"duplex"** in the search box on the top left of the top page.
2. Click .

A list of titles or descriptions that include "duplex" appears.

A search result appears in the search result window. In addition you can use the drop-down menu to select a manual.

3. Click a title to display the item you want to read.


**Note**

- Use keywords to search for items you want to query. Depending on the keyword you enter, related keywords might also appear.
- Items including the used keyword is appear in the search result window.
- If you put a space between keywords, pages that contain both keywords are displayed. For example, if you enter "duplex" and a space and "copy", items including both words appear in the search result window.

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## **Read the HTML manuals on the control panel**

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You can also read the HTML manuals on the control panel. For details about how to read the HTML manuals on the control panel, see Start Guide .

## 2. Safety Information for This Machine

This chapter describes the safety precautions.

### Safety Symbols for This Machine

The meanings of the safety symbols for this machine are as follows:

2

	Caution
	Do not touch
	Do not throw into the fire
	Do not use the cleaner
	Keep out of reach of children
	
	Caution, hot surface
	Caution, risk of having hands or arms caught

# Safety Information

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## Safety During Operation

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2

In this manual, the following important symbols are used:

 **WARNING**

Indicates a potentially hazardous situation which, if instructions are not followed, could result in death or serious injury.

 **CAUTION**

Indicates a potentially hazardous situation which, if instructions are not followed, may result in minor or moderate injury or damage to property.

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## Safety Precautions to Be Followed

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This section explains safety precautions that should always be followed when using this machine.

### Environments where the machine can be used

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This section explains safety precautions about environments where the machine can be used.

 **WARNING**

- Do not use flammable sprays or solvents in the vicinity of this machine. Also, avoid placing these items in the vicinity of this machine. Doing so could result in fire or electric shock.

- Do not place vases, plant pots, cups, toiletries, medicines, small metal objects, or containers holding water or any other liquids, on or close to this machine. Fire or electric shock could result from spillage or if such objects or substances fall inside this machine.

 **CAUTION**

- Keep the machine away from humidity and dust. Otherwise a fire or an electric shock might occur.

- Do not place the machine on an unstable or tilted surface. If it topples over, an injury might occur.

- Do not place heavy objects on the machine. Doing so can cause the machine to topple over, possibly resulting in injury.

**⚠ CAUTION**

- Make sure the room where you are using the machine is well ventilated and spacious. Good ventilation is especially important when the machine is used heavily.
- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

**Handling power cords and power cord plugs**

This section explains safety precautions about handling power cords and power cord plugs.

**⚠ WARNING**

- Do not use any power sources other than those that match the specifications shown. Doing so could result in fire or electric shock.
- Do not use any frequencies other than those that match the specifications shown. Doing so could result in fire or electric shock.
- Do not use multi-socket adaptors. Doing so could result in fire or electric shock.
- Do not use extension cords. Doing so could result in fire or electric shock.
- Do not use power cords that are damaged, broken, or modified. Also, do not use power cords that have been trapped under heavy objects, pulled hard, or bent severely. Doing so could result in fire or electric shock.
- Touching the prongs of the power cable's plug with anything metallic constitutes a fire and electric shock hazard.
- The supplied power cord is for use with this machine only. Do not use it with other appliances. Doing so could result in fire or electric shock.
- It is dangerous to handle the power cord plug with wet hands. Doing so could result in electric shock.
- If the power cord is damaged and its inner wires are exposed or broken, contact your service representative for a replacement. Use of damaged power cords could result in fire or electric shock.

## **WARNING**

- Be sure to disconnect the plug from the wall outlet at least once a year and check for the following:
  - There are burn marks on the plug.
  - The prongs on the plug are deformed.
- If any of the above conditions exist, do not use the plug and consult your dealer or service representative. Use of the plug could result in fire or electric shock.

- Be sure to disconnect the power cord from the wall outlet at least once a year and check for the following:
  - The power cord's inner wires are exposed, broken, etc.
  - The power cord's coating has a crack or dent.
  - When bending the power cord, the power turns off and on.
  - Part of the power cord becomes hot.
  - The power cord is damaged.
- If any of the above conditions exist, do not use the power cord and consult your dealer or service representative. Use of the power cord could result in fire or electric shock.

## **CAUTION**

- Be sure to push the plug of the power cord fully into the wall outlet. Partially inserted plugs create an unstable connection that can result in unsafe buildup of heat.

- If this machine is not going to be used for several days or longer at a time, disconnect its power cord from the wall outlet.

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.

- Be sure to disconnect the plug from the wall outlet and clean the prongs and the area around the prongs at least once a year. Allowing dust to build up on the plug constitutes a fire hazard.

- When performing maintenance on the machine, always disconnect the power cord from the wall outlet.

- Power Source  
120–127 V, 12 A or more, 60 Hz

Please be sure to connect the power cord to a power source as above.

## Handling the main machine

This section explains safety precautions about handling the main machine.

### **WARNING**

- Be sure to locate the machine as close as possible to a wall outlet. This will allow easy disconnection of the power cord in the event of an emergency.
- If the machine emits smoke or odours, or if it behaves unusually, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.
- If metal objects, or water or other fluids fall inside this machine, you must turn off its power immediately. After turning off the power, be sure to disconnect the power cord plug from the wall outlet. Then contact your service representative and report the problem. Do not use the machine. Doing so could result in fire or electric shock.
- Do not touch this machine if a lightning strike occurs in the immediate vicinity. Doing so could result in electric shock.
- The following explains the warning messages on the plastic bag used in this product's packaging.
  - Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

### **CAUTION**

- Unplug the power cord from the wall outlet before you move the machine. While moving the machine, take care that the power cord is not damaged under the machine. Failing to take these precautions could result in fire or electric shock.
- If you have to move the machine when the optional paper tray unit is attached, do not push on the main unit's top section. Doing so can cause the optional paper tray unit to detach, possibly resulting in injury.
- After you move the machine, use the caster fixture to fix it in place. Otherwise the machine might move or come down to cause an injury.
- If the lower paper tray is installed, do not pull out more than one tray at a time when you are changing or replenishing paper or resolving paper jams. Pressing down forcefully on the machine's upper surfaces can result in malfunctions and/or user injury.

### **CAUTION**

- Contact your service representative if you need to lift the machine (such as when relocating it to another floor). Do not attempt to lift the machine without the assistance of your service representative. The machine will be damaged if it topples or is dropped, resulting in malfunction and risk of injury to users.
- Do not look into the lamp. It can damage your eyes.
- Do not hold the control panel while moving the machine. Doing so may damage the control panel, cause a malfunction, or result in injury.
- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so result in an injury if your hands or fingers are pinched.

### **Handling the machine's interior**

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This section explains safety precautions about handling the machine's interior.

### **WARNING**

- Do not remove any covers or screws other than those explicitly mentioned in this manual. Inside this machine are high voltage components that are an electric shock hazard and laser components that could cause blindness. Contact your sales or service representative if any of the machine's internal components require maintenance, adjustment, or repair.
- Do not attempt to disassemble or modify this machine. Doing so risks burns and electric shock. Note again that exposure to the laser components inside this machine risks blindness.

### **CAUTION**

- Some of this machine's internal components get very hot. For this reason, take care when removing misfed paper. Not doing so could result in burns.
- Some of the internal components of this machine might be fragile. When you remove jammed paper, do not touch the sensors, connectors, LEDs, or other fragile parts that are shown in the Troubleshooting manual. Doing so may cause malfunctions.
- When removing jammed paper, make sure not to trap or injure your fingers.
- When loading paper, take care not to trap or injure your fingers.
- Keep your hands clear of the booklet finisher tray when removing misfed paper, pulling out or pushing in the finisher's staple unit. You can trap and injure your fingers if you do not.



**⚠ CAUTION**

- While safety measures have been installed to prevent accidents, you must not touch the machine's rollers while it is operating. Doing so could cause injury.
- If the machine's interior is not cleaned regularly, dust will accumulate. Fire and breakdown can result from heavy accumulation of dust inside this machine. Contact your sales or service representative for details about and charges for cleaning the machine's interior.

**Handling the machine's supplies**

This section explains safety precautions about handling the machine's supplies.

**⚠ WARNING**

- Do not incinerate toner (new or used) or toner containers. Doing so risks burns. Toner will ignite on contact with naked flame.
- Do not store toner (new or used) or toner containers anywhere near naked flames. Doing so risks fire and burns. Toner will ignite on contact with naked flame.
- Do not use a vacuum cleaner to remove spilled toner (including used toner). Absorbed toner may cause a fire or explosion due to electrical contact flickering inside the vacuum cleaner. However, it is possible to use a vacuum cleaner that is explosion-proof and dust ignition-proof. If toner is spilled on the floor, remove the spilled toner slowly using a wet cloth, so that the toner is not scattered.
- The following explains the warning messages on the plastic bag used in this product's packaging.
  - Keep the polythene materials (bags, gloves, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

**⚠ CAUTION**

- Do not crush or squeeze toner containers. Doing so can cause toner spillage, possibly resulting in dirtying of skin, clothing, and floor, and accidental ingestion.
- Store toner (new or used), toner containers, and components that have been in contact with toner out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.

**⚠ CAUTION**

- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your clothing. If toner comes into contact with your clothing, wash the stained area with cold water. Hot water will set the toner into the fabric and make removing the stain impossible.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your skin. If toner comes into contact with your skin, wash the affected area thoroughly with soap and water.
- When replacing a toner or waste toner container or consumables with toner, make sure that the toner does not splatter. Put the waste consumables in a bag after they are removed. For consumables with a lid, make sure that the lid is shut.
- Do not attempt to print on stapled sheets, aluminum foil, carbon paper, or any kind of conductive paper. Doing so risks fire.
- Keep SD cards or USB flash memory devices out of reach of children. If a child accidentally swallows an SD card or USB flash memory device, consult a doctor immediately.

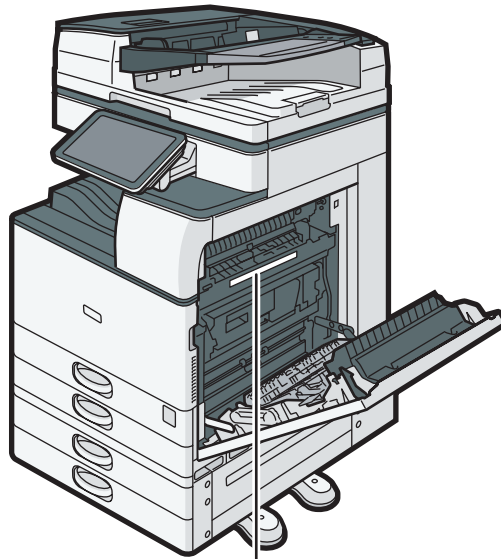
# Safety Labels of This Machine

This section explains the machine's safety information labels.

## Positions of WARNING and CAUTION labels

This machine has labels for ⚠WARNING and ⚠CAUTION at the positions shown below. For safety, please follow the instructions and handle the machine as indicated.

### Main unit



1

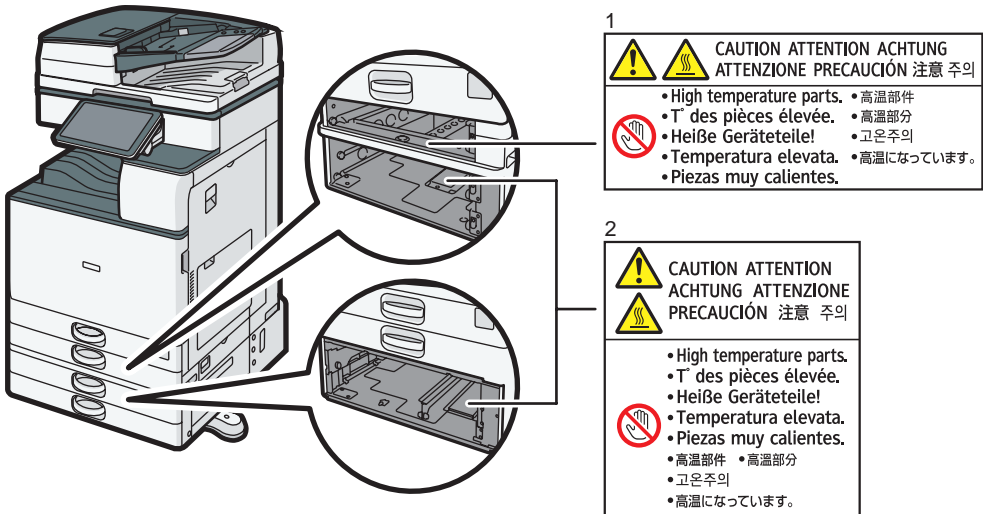


DRX001

1.

Do not touch the parts a label indicates. The inside of the machine could be very hot. Caution should be taken when removing misfed paper.

## Paper trays

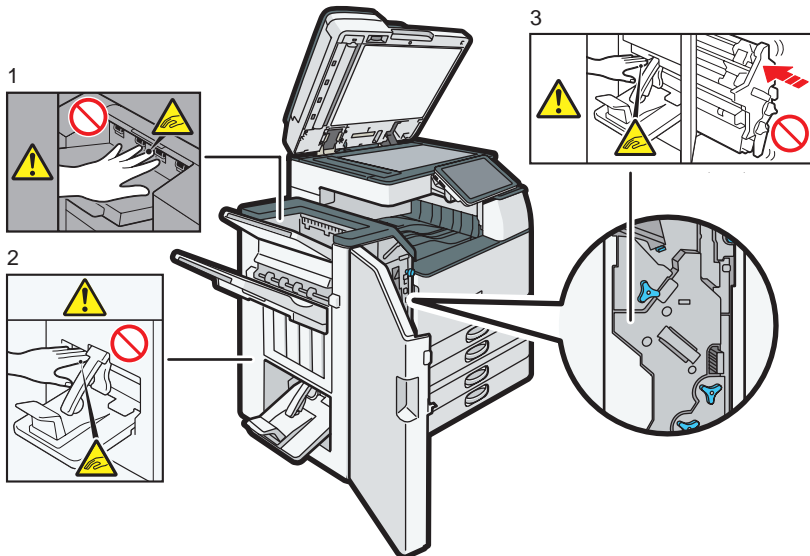


DRX002

1 and 2.

The inside of the machine could be very hot. Do not touch the parts which a label is put on. Otherwise, an injury might occur.

## Finisher SR3210 or Booklet Finisher SR3220



DRX003

1.

During operation, rollers for transporting the paper revolve. Take care not to touch rollers during operation. Otherwise, an injury might occur.

2.

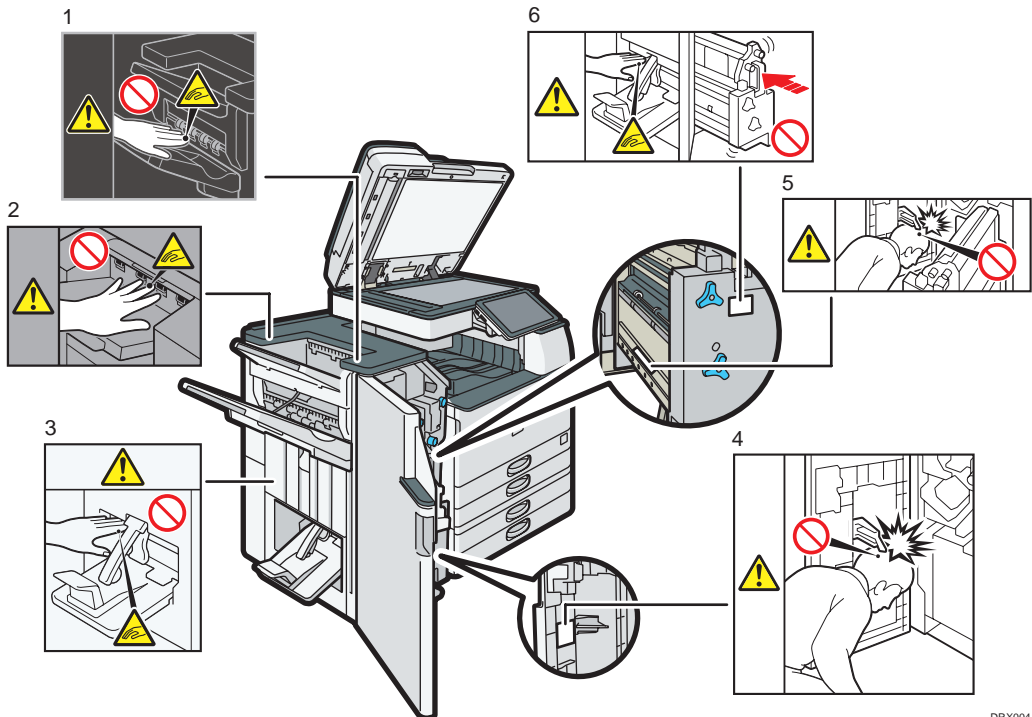
Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not. Take care not to touch the booklet finisher tray during operation. Otherwise, an injury might occur.

3.

Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not.

2

## Finisher SR3230 or Booklet Finisher SR3240



DRX004

1 and 2.

During operation, rollers for transporting the paper revolve. Take care not to touch rollers during operation. Otherwise, an injury might occur.

3.

Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not. Take care not to touch the booklet finisher tray during operation. Otherwise, an injury might occur.

4 and 5.

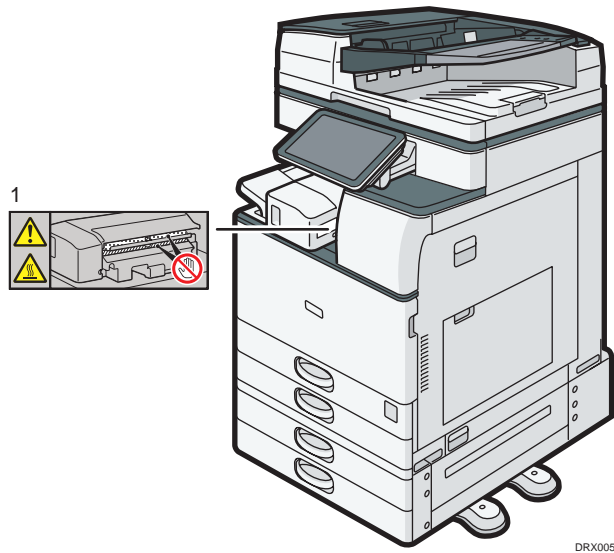
Be careful of the protruding parts of the front cover when replacing the cartridge in the saddle stitch unit or clearing a paper jam from the saddle stitch unit.

6.

Keep your hands clear of the booklet finisher tray when pulling out or pushing in the finisher's staple unit, or removing paper jam. You might trap your fingers if you do not.

## Internal Finisher SR3180

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1.

The inside of the machine could be very hot. Do not touch the parts which a label is put on. Otherwise, an injury might occur.

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## Symbols for Power Switch

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Symbols for power switch that are used for this machine are as follows:

- I : POWER ON
- ⏻ : STANDBY

# 3. Other Information for This Machine

This chapter describes laws and regulations related to this machine.

## Laws and Regulations

### Duplication and Printing Prohibited

Do not copy or print any item for which reproduction is prohibited by law.

Copying or printing the following items is generally prohibited by local law:

bank notes, revenue stamps, bonds, stock certificates, bank drafts, checks, passports, driver's licenses.

The preceding list is meant as a guide only and is not inclusive. We assume no responsibility for its completeness or accuracy. If you have any questions concerning the legality of copying or printing certain items, consult with your legal advisor.

### Laser Safety

#### Laser Safety for Type 1, 2, and 3

##### CDRH Regulations

This equipment complies with requirements of 21 CFR Subchapter J for class I laser product. This equipment contains one AlGaInP laser diode, 660 nanometer wavelength. The beam divergence angle is 21 degrees (minimum) and 29 degrees (maximum) in the vertical direction, and 7 degrees (minimum) and 11 degrees (maximum) in the horizontal direction, and laser beams are generated in Continuous Wave (CW) mode. The maximum output power of the light source is 10 milliwatt.

##### Caution

Use of controls or adjustments or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

#### Laser Safety for Type 4, 5, and 6

##### CDRH Regulations

This equipment complies with requirements of 21 CFR Subchapter J for class I laser product. This equipment contains two AlGaInP laser diodes, 660 nanometer wavelength for each emitter. The beam divergence angle is 15 degrees (minimum) and 25 degrees (maximum) in the vertical direction, and 7 degrees (minimum) and 13 degrees (maximum) in the horizontal direction, and laser beams are generated in Continuous Wave (CW) mode. The maximum output power of the light source is 15 milliwatt.

### Caution

Use of controls or adjustments or performance of procedures other than those specified in this manual might result in hazardous radiation exposure.

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## Notes to Users in the United States of America

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### FCC Rules

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3

#### Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio /TV technician for help.

#### Caution:

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines. This equipment should be installed and operated keeping the radiator at least 20 cm or more away from person's body (excluding extremities: hands, wrists, feet and ankles).

#### Declaration of Conformity

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and



(2) this device must accept any interference received, including interference that may cause undesired operation.

Responsible party: Ricoh Americas Corporation

Address: 5 Dedrick Place, West Caldwell, NJ 07006

Telephone number: 973-882-2000

Product Name: Multi Function Peripheral

Model Number:

- MP 2555SP, MP 2555SPG, MP 2555SP TE, MP 2555SP AD
- MP 3055SP, MP 3055SPG, MP 3055SP TE, MP 3055SP AD
- MP 3555SP, MP 3555SPG, MP 3555SP TE, MP 3555SP AD
- MP 4055SP, MP 4055SPG, MP 4055SP TE
- MP 5055SP, MP 5055SPG, MP 5055SP TE
- MP 6055SP, MP 6055SPG, MP 6055SP TE

### Installing the Ferrite Core

An Ethernet interface cable connected to the USB Device Server Option port and a telephone line cable with a ferrite core must be used for RF interference suppression.

## Part 68 of the FCC Rules regarding Facsimile Unit

1. This equipment complies with Part 68 of the FCC rules. On the cover of this equipment is a label that contains, among other information, the FCC registration number and ringer equivalence number (REN) for this equipment. If requested, this information must be provided to the telephone company.
2. This equipment uses the RJ11C USOC jack.
3. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for detail.
4. The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company.
5. If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice is not practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

6. The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
7. If trouble is experienced with this equipment, for repair or warranty information, please contact Ricoh Americas Corporation Customer Support Department at 1-800-FASTFIX. If this device is causing problems with your telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
8. In the event of operation problems (document jam, copy jam, communication error indication), see the manual provided with this machine for instruction on resolving the problem.
9. Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
10. If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

#### **WHEN PROGRAMMING EMERGENCY NUMBERS AND/OR MAKING TEST CALLS TO EMERGENCY NUMBERS:**

1. Remain on the line and briefly explain to the dispatcher the reason for the call before hanging up.
2. Perform such activities in the off-peak hours, such as early morning hours or late evenings.

The Telephone Consumer Protection Act of 1991 makes it unlawful for any person to use a computer or other electronic device, including FAX machines, to send any message unless such message clearly contains in a margin at the top or bottom of each transmitted page or on the first page of the transmission, the date and time it is sent and an identification of the business or other entity, or other individual sending the message and the telephone number of the sending machine or such business, other entity, or individual. (The telephone number provided may not be a 900 number or any other number for which charges exceed local or long-distance transmission charges.)

In order to program this information into your FAX machine, you should complete the following steps: Follow the FAX HEADER programming procedure in the Programming chapter of the operating instructions to enter the business identification and telephone number of the terminal or business. This information is transmitted with your document by the FAX HEADER feature. In addition to the information, be sure to program the date and time into your machine.

---

### **Important Safety Instructions for Facsimile Unit**

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When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

- Do not use this product near water, for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement or near a swimming pool.

- Avoid using a telephone during an electrical storm. There may be a remote risk of electric shock from lightning.
- Do not use a telephone in the vicinity of a gas leak to report the leak.

Save these instructions.

### **IMPORTANTES MESURES DE SÉCURITÉ de l'unité Fax**

Certaines mesures de sécurité doivent être prises pendant l'utilisation de matériel téléphonique afin de réduire les risques d'incendie, de choc électrique et de blessures. En voici quelques-unes:

- Ne pas utiliser l'appareil près de l'eau, p.ex., près d'une baignoire, d'un lavabo, d'un évier de cuisine, d'un bac à laver, dans un sous-sol humide ou près d'une piscine.
- Éviter d'utiliser le téléphone (sauf s'il s'agit d'un appareil sans fil) pendant un orage électrique. Ceci peut présenter un risque de choc électrique causé par la foudre.
- Ne pas utiliser l'appareil téléphonique pour signaler une fuite de gaz s'il est situé près de la fuite.

Conserver ces instructions.

### **Notes to Canadian Users of Facsimile Unit**

This product meets the applicable Innovation, Science and Economic Development Canada technical specifications.

The Ringer Equivalence Number (REN) indicates the maximum number of devices allowed to be connected to a telephone interface. The termination of an interface may consist of any combination of devices subject only to the requirement that the sum of the RENs of all the devices not exceed five.

### **Remarques à l'attention des utilisateurs canadiens de l'unité Fax**

Le présent produit est conforme aux spécifications techniques applicables d'Innovation, Sciences et Développement économique Canada.

L'indice d'équivalence de la sonnerie (IES) sert à indiquer le nombre maximal de dispositifs qui peuvent être raccordés à une interface téléphonique. La terminaison d'une interface peut consister en une combinaison quelconque de dispositifs, à la seule condition que la somme des IES de tous les dispositifs n'excède pas cinq.

---

## Recycling Batteries (For Users in the USA and Canada)

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3

Li-ion batteries are recyclable.

You can help preserve our environment by returning your used rechargeable batteries to the collection and recycling location nearest you.

For more information regarding recycling of rechargeable batteries, call toll free 1-800-822-8837, or visit <http://www.call2recycle.org/>

Les batteries Li-ion sont recyclables.

Vous pouvez contribuer à préserver l'environnement en rapportant vos batteries usagées dans le point de collecte et de recyclage le plus proche.

Pour plus d'informations sur le recyclage des batteries, appelez le numéro gratuit 1-800-822-8837 (États-Unis et Canada uniquement) ou rendez-vous sur <http://www.call2recycle.org/>

# 4. Appendix

---

This appendix describes trademarks for the machine.

## Trademarks

Adobe is a trademark of Adobe Systems Incorporated in the United States and/or other countries.

Firefox is a registered trademark of the Mozilla Foundation.

Google and Chrome are trademarks of Google Inc.

Microsoft, Windows, and Internet Explorer are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

Safari is a trademark of Apple Inc., registered in the United States and other countries.

The SD is a trademark of SD-3C, LLC.

The proper names of Internet Explorer 9, 10 and 11 are as follows:

- Windows® Internet Explorer® 9
- Internet Explorer® 10
- Internet Explorer® 11

Other product names used herein are for identification purposes only and might be trademarks of their respective companies. We disclaim any and all rights to those marks.

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MEMO







# MP 2555/3055/3555/4055 5055/6055 series



## User Guide



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For safe and correct use, be sure to read the Safety Information in Read This First before using the machine.



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# How to Read the Manuals

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## Symbols Used in the Manuals

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This manual uses the following symbols:

 **Important**

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

 **Note**


Indicates supplementary explanations of the machine's functions, and instructions on resolving user errors.

 **Reference**

This symbol is located at the end of sections. It indicates where you can find further relevant information.

[ ]

Indicates the names of keys on the machine's display or control panels.

 **Region A** (mainly Europe and Asia), (mainly Europe), or (mainly Asia)

 **Region B** (mainly North America)

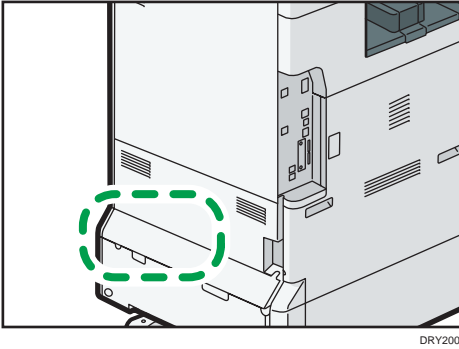
Differences in the functions of Region A and Region B models are indicated by two symbols. Read the information indicated by the symbol that corresponds to the region of the model you are using. For details about which symbol corresponds to the model you are using, see page 8 "Model-Specific Information".

---

# Model-Specific Information

This section explains how you can identify the region your machine belongs to.

There is a label on the rear of the machine, located in the position shown below. The label contains details that identify the region your machine belongs to. Read the label.



The following information is region-specific. Read the information under the symbol that corresponds to the region of your machine.

 **Region A** (mainly Europe and Asia)

If the label contains the following, your machine is a region A model:



- CODE XXXX -27, -29, -65
- 220–240 V

 **Region B** (mainly North America)

If the label contains the following, your machine is a region B model:

- CODE XXXX -17, -18
- 120–127 V

 **Note**

- Dimensions in this manual are given in two units of measure: metric and inch. If your machine is a Region A model, refer to the metric units. If your machine is a Region B model, refer to the inch units.
- If your machine is a region A model and "CODE XXXX -27, -65" is printed on the label, see " **Region A** (mainly Europe)" also.
- If your machine is a region A model and "CODE XXXX -29" is printed on the label, see " **Region A** (mainly Asia)" also.

---

# Names of Major Features

In this manual, major features of the machine are referred to as follows:

- Auto Reverse Document Feeder → ARDF
- Auto Document Feeder → ADF (in this manual, "ADF" refers to the ARDF and the one-pass duplex scanning ADF)
- Large Capacity Tray → LCT



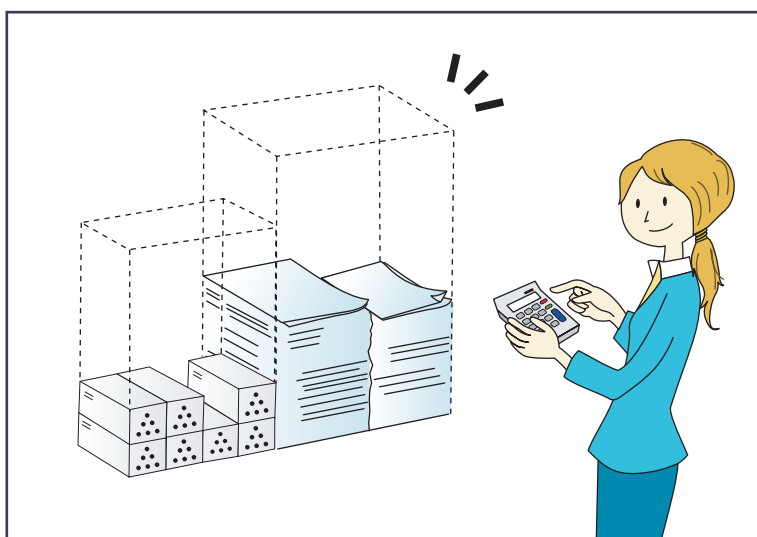
# 1. What You Can Do with This Machine

You can search for a description by what you want to do.

## Searching by What You Want to Do

You can search for a procedure by what you want to do.

### Reducing my Costs



BRL059S

#### **Printing multi-page documents on both sides of sheets (Duplex Copy)**

⇒ See "Duplex Copying", Copy/ Document Server.

#### **Printing multi-page documents and received faxes on a single sheet (Combine (Copier/Fax))**

⇒ See "Combined Copying", Copy/ Document Server.

⇒ See "Combine Two Originals", Fax.

#### **Printing received faxes on both sides of sheets (2 Sided Print)**

⇒ See "Two-Sided Printing", Fax.

#### **Converting received faxes to electronic formats (Paperless Fax)**

⇒ See "Confirming/Printing/Deleting Received and Stored Documents", Fax.

#### **Sending files from the computer without printing them (LAN-Fax)**

⇒ See "Sending Fax Documents from Computers", Fax.

### Checking how much paper is saved ([Information] screen)

⇒ See "[Information] Screen", Getting Started.

### Reducing electricity consumption

⇒ See "Saving Energy", Getting Started.

⇒ See "Timer Settings", Connecting the Machine/ System Settings.

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## Using Scanned Files on the Computer

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BQX138S

### Sending scan files

⇒ See "Basic Procedure for Sending Scan Files by E-mail", Scan.

### Sending the URL of the folder in which scan files are stored

⇒ See "Sending the URL by E-mail", Scan.

### Storing scan files in a shared folder

⇒ See "Basic Procedure When Using Scan to Folder", Scan.

### Storing scan files on media

⇒ See "Basic Procedure for Saving Scan Files on a Memory Storage Device", Scan.

### Embedding text information in scanned files

⇒ See "Embedding Text Information in Scanned Data", Scan.

### Converting transmitted faxes to electronic formats and sending them to a computer

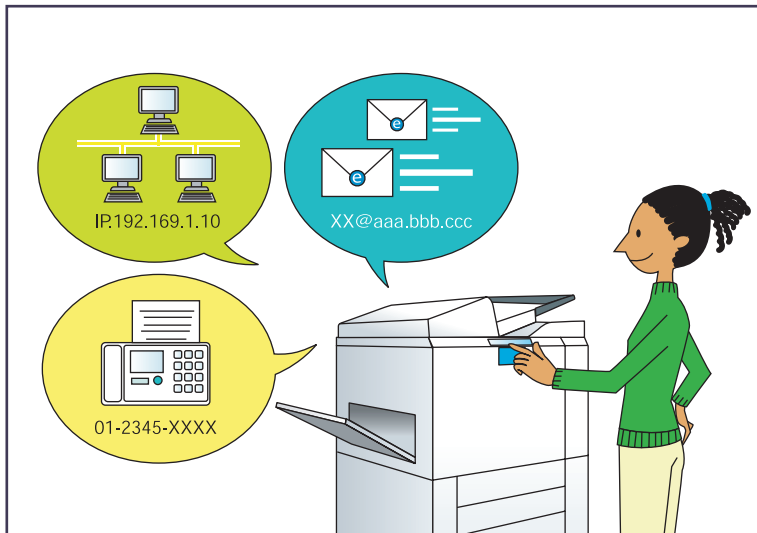
⇒ See "Overview of Folder Transmission Function", Fax.

## Managing and using documents converted to electronic formats (Document Server)

⇒ See "Relationship between Document Server and Other Functions", Copy/ Document Server.

## Registering Destinations

1



### Using the control panel to register destinations in the Address Book

⇒ See "Registering Entered Destinations to the Address Book", Fax.

⇒ See "Registering a Destination E-mail Address or Folder", Scan.

### Using Web Image Monitor to register destinations from a computer

⇒ See "Registering Internet Fax Destination Information Using Web Image Monitor", Fax.

### Downloading destinations registered in the machine to the LAN-Fax driver destination list

⇒ See "Using the machine's Address Book as the LAN-Fax destination list", Fax.

## Operating the Machine More Effectively

1



BQX139S

### **Registering and using frequently-used settings (Program)**

⇒ See "Registering Functions in a Program", Convenient Functions.

### **Registering frequently-used settings as initial settings (Program as Defaults)**

⇒ See "Changing the Default Functions of the Initial Screen", Convenient Functions.

### **Registering frequently-used printing settings to the printer driver**

⇒ See "Using One Click Presets", Print.

### **Changing the initial settings of the printer driver to frequently-used printing settings**

⇒ See "Displaying the [Printing Preferences] Dialog Box", Print.

### **Adding shortcuts to frequently used programs or Web pages**

⇒ See "Adding Icons to the [Home] Screen", Convenient Functions.

### **Changing the order of the function and shortcut icons**

⇒ See "Changing the Order of Icons on the [Home] Screen", Convenient Functions.



# What You Can Do with This Machine

This section describes the features of this machine.

1

## Customizing the [Home] Screen

The icons of each function are displayed on the [Home] screen.



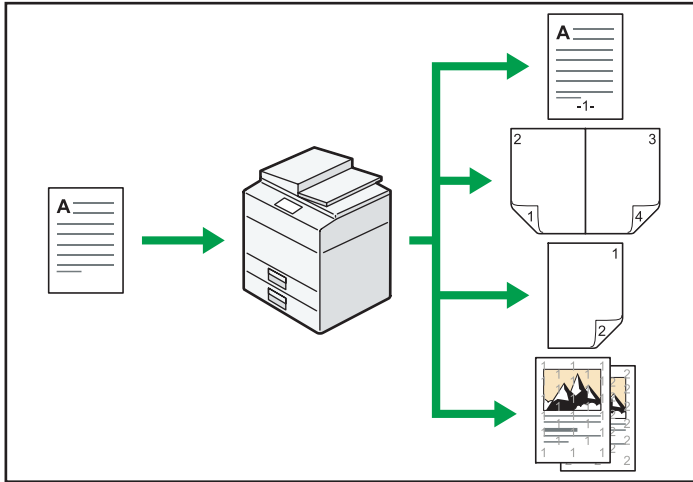
DRY215

- You can add shortcuts to often used programs or Web pages to the [Home] screen. The programs or Web pages can be recalled easily by pressing the shortcut icons.
- You can display only the icons of functions and shortcuts that you use.
- You can change the order of the function and shortcut icons.

### Reference

- For details about the features on the [Home] screen, see "How to Use the [Home] Screen", Getting Started.
- For details about how to customize the [Home] screen, see "How to Customize the [Home] Screen", Convenient Functions.

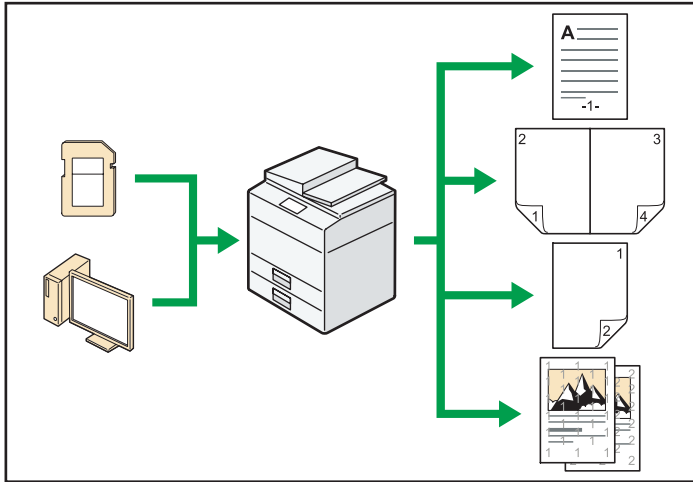
## Making Copies Using Various Functions



CJ0601

- You can print stamps on copies. Stamps can include background numbers, scanned images, dates, and page numbers.  
⇒ See "Stamps", Copy/ Document Server.
- You can reduce or enlarge the copy image. Auto Reduce / Enlarge function enables the machine to detect the original size automatically. Also, it enables the machine to select an appropriate reproduction ratio based on the paper size you specify. If the orientation of the original is different from that of the paper you are copying onto, the machine rotates the original image by 90 degrees to match it with the copy paper.  
⇒ See "Reducing or Enlarging Originals", Copy/ Document Server.
- Copier functions such as Duplex, Combine, Booklet, and Magazine allow you to save on paper by copying multiple pages onto single sheets.  
⇒ For details about duplex copying, see "Duplex Copying", Copy/ Document Server.  
⇒ For details about combined copying, see "Combined Copying", Copy/ Document Server.  
⇒ For details about the booklet and magazine functions, see "Booklet/Magazine", Copy/ Document Server.
- You can copy onto various types of paper such as envelopes and OHP transparencies.  
⇒ See "Copying onto Various Types of Paper", Copy/ Document Server.
- The finisher allows you to sort, staple, and punch holes in your copies.  
⇒ See "Finishing", Copy/ Document Server.

## Printing Data Using Various Functions

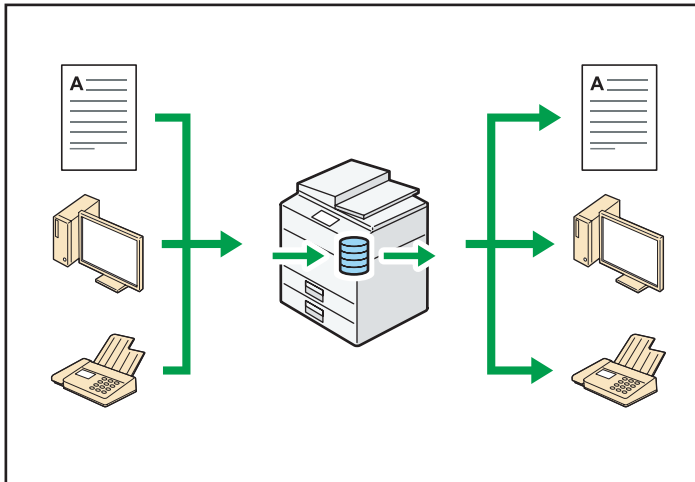


CJ0614

- This machine supports network and local connections.
- You can print or delete print jobs stored on the machine's hard disk, which have been previously sent from computers using the printer driver. The following types of print jobs can be selected: Sample Print, Locked Print, Hold Print, and Stored Print.
  - ⇒ See "Storing Documents in the Hard Disk Drive and Printing Them", Print.
- The finisher allows you to collate, staple, and punch holes in your prints.
  - ⇒ For details about stapling, see "Staple", Print.
  - ⇒ For details about punching, see "Punch", Print.
- You can print files stored on a removable memory device and specify print conditions such as print quality and print size.
  - ⇒ See "Direct Printing from a Memory Storage Device", Print.

## Utilizing Stored Document

You can store files scanned in copier, facsimile, printer, or scanner mode on the machine's hard disk. Web Image Monitor allows you to use your computer to search for, view, print, delete, and send stored files via the network. You can also change print settings and print multiple documents (Document Server).



CJ0603

- You can retrieve stored documents scanned in scanner mode to your computer.
- Using the file format converter, you can download documents stored in copier, Document Server, or printer mode to your computer.

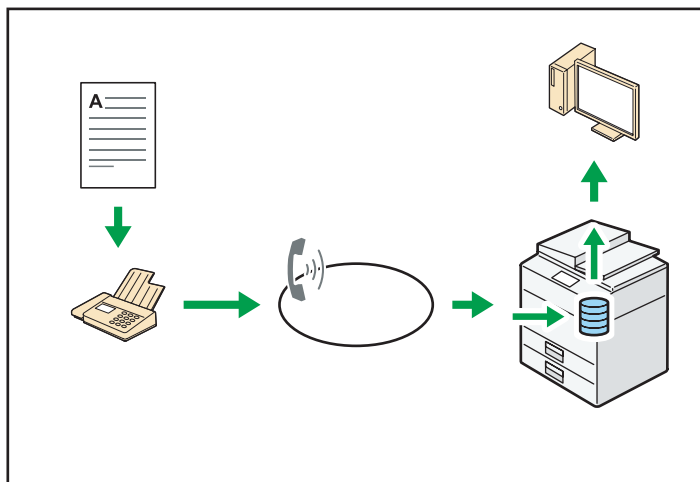
### Reference

- For details about how to use the Document Server, see "Storing Data in the Document Server", Copy/ Document Server.
- For details about the Document Server in copier mode, see "Document Server", Copy/ Document Server.
- For details about the Document Server in printer mode, see "Saving and Printing Using the Document Server", Print.
- For details about the Document Server in fax mode, see "Storing a Document", Fax.
- For details about the Document Server in scanner mode, see "Storing and Saving the Scanned Documents", Scan.

## Sending and Receiving Faxes without Paper

### Reception

You can store and save received fax documents as electronic formats in the machine's hard disk without printing them.



CJQ604

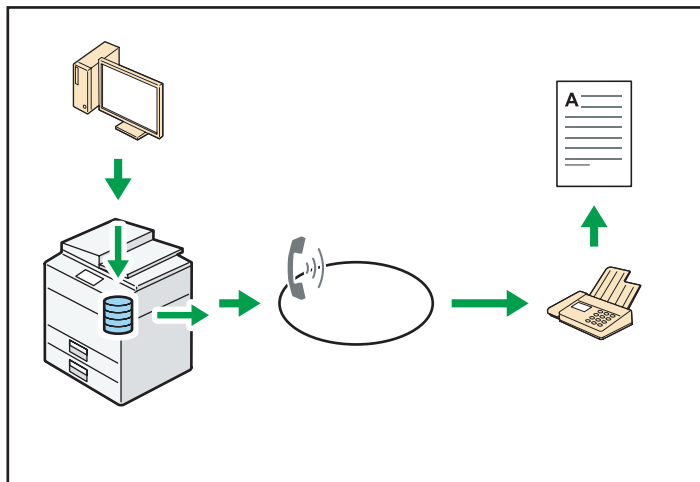
You can use Web Image Monitor to check, print, delete, retrieve, or download documents using your computer (Storing received documents).

#### Reference

- See "Confirming/Printing/Deleting Received and Stored Documents", Fax.

#### Transmission

You can send a fax from your computer over the network (Ethernet or wireless LAN) to this machine, which then forwards the fax via its telephone connection (LAN-Fax).



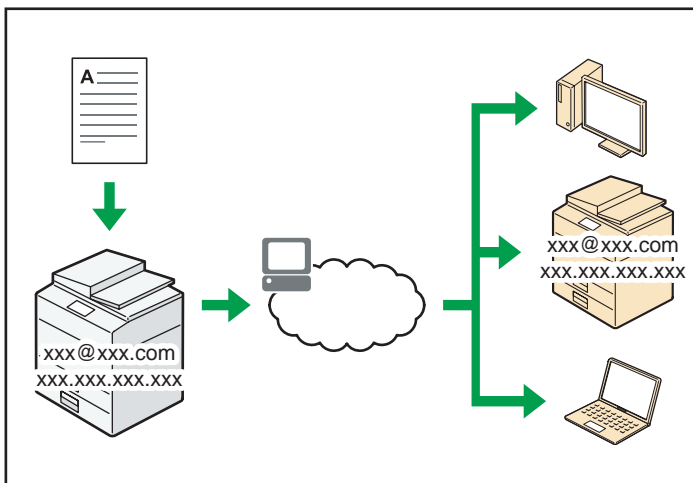
CJQ605

- To send a fax, print from the Windows application you are working with, select LAN-Fax as the printer, and then specify the destination.
- You can also check the sent image data.

**Reference**

- For details about the machine's settings, see "Network Settings Requirements", Connecting the Machine/ System Settings.
- For details about how to use the function, see "Sending Fax Documents from Computers", Fax.

## Sending and Receiving Faxes via the Internet



CJ0606

### E-mail Transmission and Reception

This machine converts scanned document images to e-mail format, and transmits and receives the e-mail data over the Internet.

- To send a document, specify an e-mail address instead of dialing the destination telephone number (Internet Fax and e-mail transmission).  
⇒ See "Specifying an Internet Fax Destination Manually", Fax.
- This machine can receive e-mail messages via Internet Fax or from computers (Internet Fax Reception and Mail to Print).  
⇒ See "Receiving E-Mail by Internet Fax/Mail to Print", Fax.
- Internet Fax compatible machines and computers that have e-mail addresses can receive e-mail messages via Internet Fax.

### IP-Fax

The IP-Fax function sends or receives documents between two facsimiles directly via a TCP/IP network.

- To send a document, specify an IP address or host name instead of a fax number (IP-Fax Transmission).  
⇒ See "Specifying an IP-Fax Destination Manually", Fax.

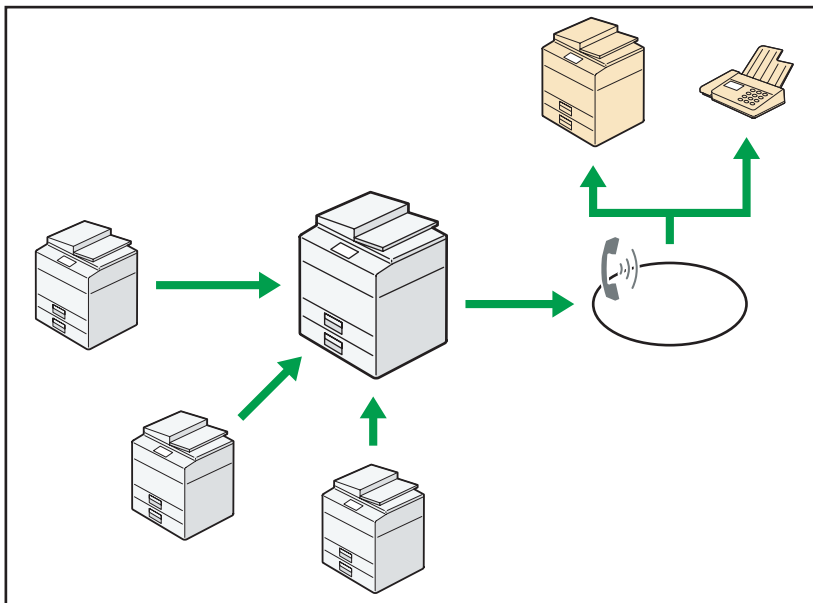
- This machine can receive documents sent via Internet Fax (IP-Fax Reception).  
⇒ See "Types of Reception", Fax.
- Using a VoIP gateway, this machine can send to G3 facsimiles connected to the public switched telephone network (PSTN).

### Reference

- For details about the machine's settings, see "Network Settings Requirements", Connecting the Machine/ System Settings.

## Sending and Receiving Faxes by Using the Machine without Fax Unit Installed

You can send and receive faxes through a different machine's fax functions via a network (Remote Fax).



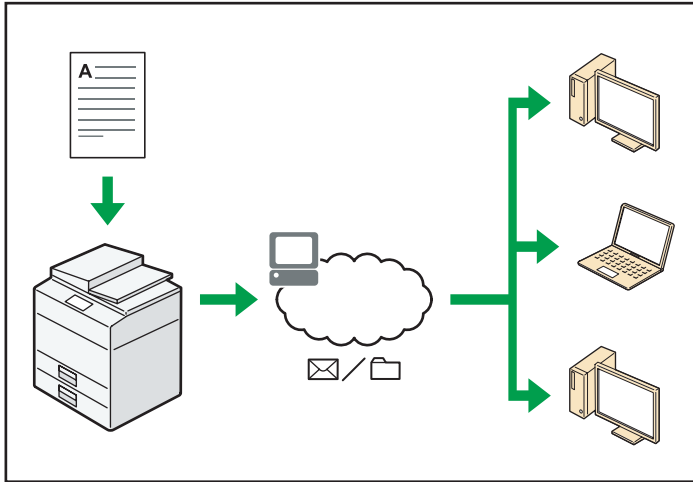
CJQ612

- To use the remote fax function, install the fax connection unit on the main-machine and sub-machine.
- The procedure for sending faxes is as same as that of for the machine with the fax unit. When a job has finished, confirm results displayed on sending history or printed on reports.
- You can forward documents received by the main machine with the facsimile function to sub-machines.

### Reference

- For details, see "Sending/Receiving Documents Using a Remote Machine (Remote Fax)", Fax.

## Using the Facsimile and the Scanner in a Network Environment



C-J0607

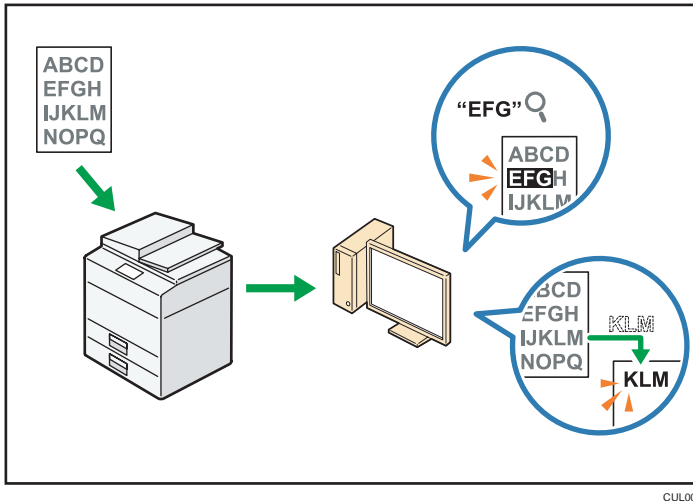
- You can send scan files to a specified destination using e-mail (Sending scan files by e-mail).
  - ⇒ See "Overview of E-Mail Transmission Function", Fax.
  - ⇒ See "Basic Procedure for Sending Scan Files by E-mail", Scan.
- You can send scan files directly to folders (Sending scan files by Scan to Folder).
  - ⇒ See "Overview of Folder Transmission Function", Fax.
  - ⇒ See "Basic Procedure When Using Scan to Folder", Scan.
- You can use Web Services on Devices (WSD) to send scan files to a client computer.
  - ⇒ See "Basic Operating Procedure of WSD Scanner (Push Type)", Scan.

## Embedding Text Information in Scanned Files

You can extract text information from a scanned document and embed it in the file without using a computer.

If you scan a document using this function, embedded text can be searched by using the text search function or copied to another document.





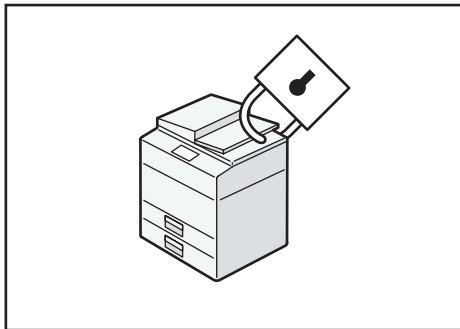
CUL003

- To use this function, the OCR unit is required.
- You can select a file type from [PDF], [High Compression PDF], or [PDF/A].
- This function can optically recognize characters in various languages and up to approximately 40,000 characters a page.

#### Reference

- See "Embedding Text Information in Scanned Data", Scan.

## Preventing Information Leakage (Security Functions)



CJQ608

- You can protect documents from unauthorized access and stop them from being copied without permission.
- You can control the use of the machine, as well as prevent machine settings from being changed without authorization.
- By setting passwords, you can prevent unauthorized access via the network.
- You can erase or encrypt the data on the hard disk to minimize the risk of information leakage.

- You can limit the usage of functions for each user.

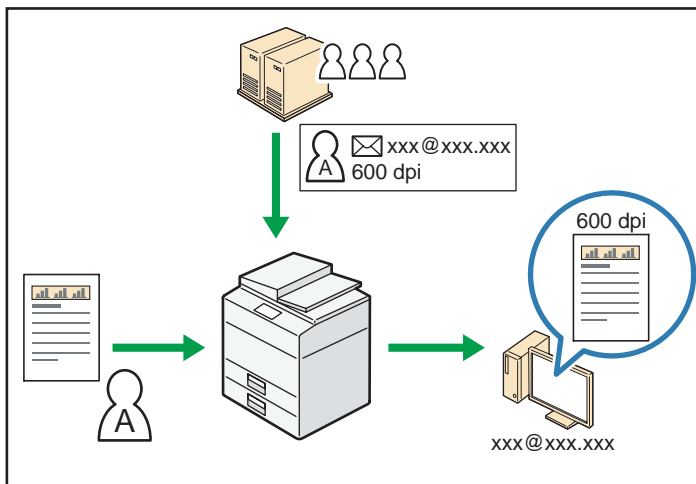
**Reference**

- See Security Guide.

## Centrally Controlling Scan Conditions and Distribution

You can use the distributed scan management (DSM) system in Windows Server 2008 R2/2012 to manage the destinations and scan settings for each individual user in a group and to use the information when distributing scanned data.

You can also use this system to centrally manage information about people using the network and the machine's scanner functions. Both delivered files and user information can be controlled.



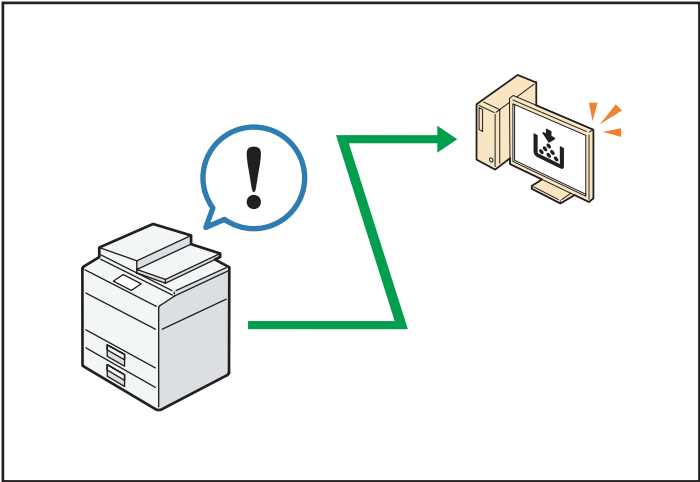
- You must set up and configure a Windows server to use the distributed scan management system. This system is supported by Windows Server 2008 R2 or later.

**Reference**

- For details about how to deliver files using the distributed scan management system, see "Managing Scan Conditions and Other Settings in the Block Using Distributed Scan Management", Scan.

## Monitoring and Setting the Machine Using a Computer

Using Web Image Monitor, you can check the machine's status and change the settings.



CJO609

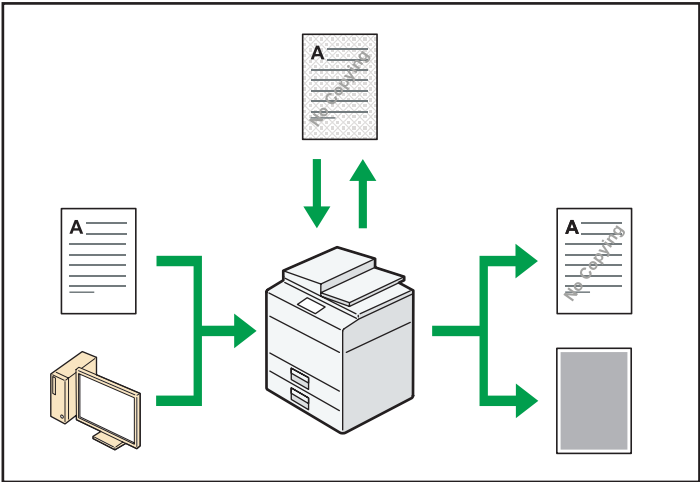
You can check which tray is running out of paper, register information in the Address Book, specify the network settings, configure and change the system settings, manage jobs, print the job history, and configure the authentication settings.

**Reference**

- See "Using Web Image Monitor", Connecting the Machine/ System Settings.
- See Web Image Monitor Help.

## Preventing Unauthorized Copying

You can print embedded patterns on printouts to prevent unauthorized copying.



CJM003

- Using the copier function or the printer driver, you can embed a pattern in the printed document. If the document is copied on a machine with the Copy Data Security function enabled, protected pages are grayed out in the copy. This can minimize the risk of confidential information being copied. Protected fax messages are grayed out before being transmitted or stored. If a document protected by unauthorized copy guard is copied on a machine with the Copy Data Security function enabled, the machine beeps to notify users that unauthorized copying is being attempted. If the document is copied on a machine with the Copy Data Security function disabled, the hidden text becomes visible in the copy, indicating that the copy is unauthorized.
- Using the copier function or the printer driver, you can embed text in the printed document for unauthorized copy prevention. If the document is copied, scanned, or stored in a Document Server by a copier or multifunction printer, the embedded text appears conspicuous in the copy, discouraging such unauthorized copying.

#### Reference

- For details, see Security Guide.
- For details, see the printer driver Help.
- For details about this function in the copier mode, see "Preventing Unauthorized Copies", Copy/Document Server.
- For details about this function in the printer mode, see "Printing Documents That Are Not Authorized for Duplication", Print.

---

## Using the Application Site

---

You can download from the Application Site useful applications that allow you to more conveniently utilize various office equipment such as copiers and printers.



DQU010

### What You Can Do on the Application Site

- Download and install applications on devices
- Update the application that has already been installed on the device
- Uninstall an application that is no longer necessary on the device

#### Reference

- For details, see "How to Use the Application Site", Getting Started.



# 2. Getting Started

This chapter describes how to start using this machine.

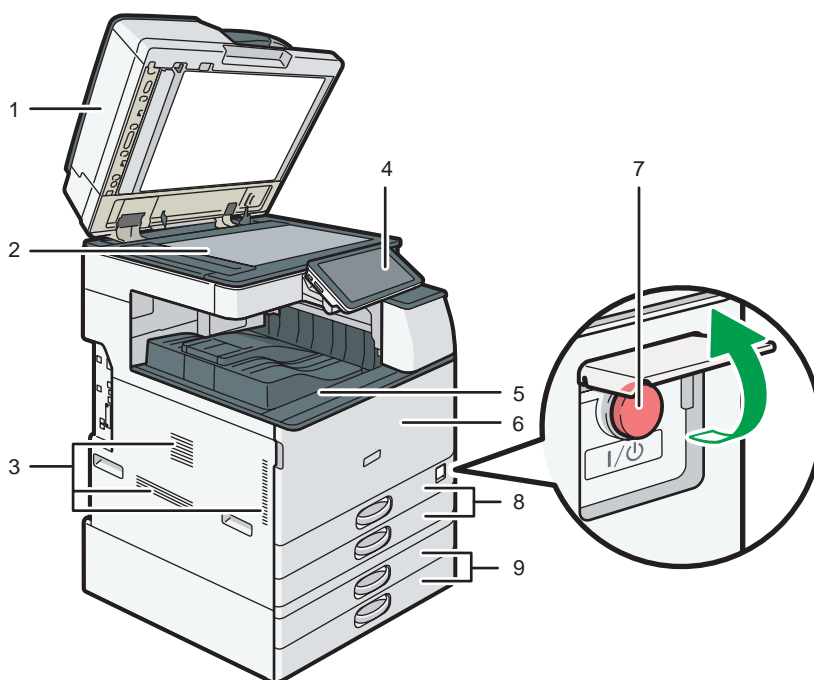
## Guide to Names and Functions of Components

### Guide to Components Region A (mainly Europe)

#### CAUTION

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

#### Front and left view



DRY201

#### 1. ADF

Lower the ADF over originals placed on the exposure glass.

If you load a stack of originals in the ADF, the ADF will automatically feed the originals one by one.

#### 2. Exposure glass

Place originals face down here. For details, see page 86 "Placing Originals on the Exposure Glass

 Region A (mainly Europe)".

**3. Vents**

Prevent overheating.

**4. Control panel**

See page 56 "Guide to the Names and Functions of the Machine's Control Panel".

**5. Internal tray 1**

Copied/printed paper and fax messages are delivered here.

**6. Front cover**

Open to access the inside of the machine.

**7. Main power switch**

To operate the machine, the main power switch must be on. If it is off, open the main power switch's cover and turn the switch on.

**8. Paper trays (Trays 1–2)**

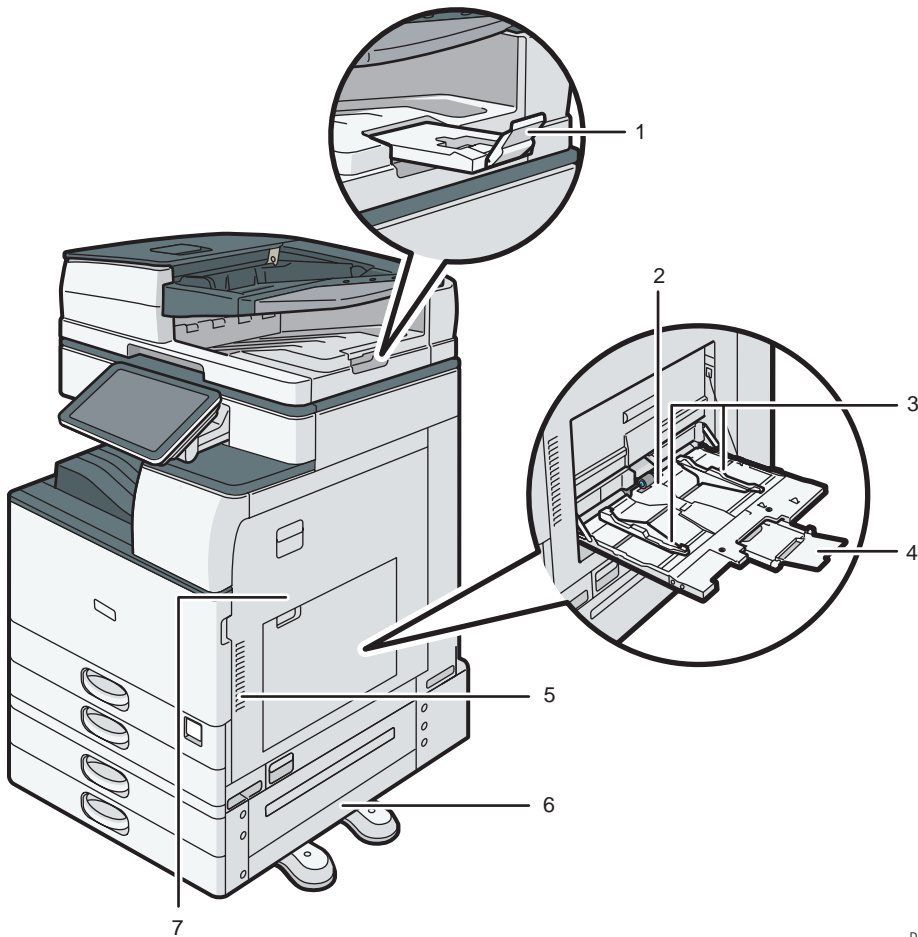
Load paper here. For details, see page 151 "Loading Paper".

**9. Lower paper trays**

Load paper here. For details, see page 151 "Loading Paper".



## Front and right view



DRY202

**1. ADF's extender**

Pull this extender to support large paper.

**2. Bypass tray**

Use to copy or print on OHP transparencies, adhesive labels, and paper that cannot be loaded in the paper trays. For details, see page 152 "Loading Paper into the Bypass Tray".

**3. Paper guides**

When loading paper in the bypass tray, align the paper guides flush against the paper.

**4. Extender**

Pull this extender out when loading sheets larger than A4,  $8\frac{1}{2} \times 11$  in the bypass tray.

**5. Vents**

Prevent overheating.

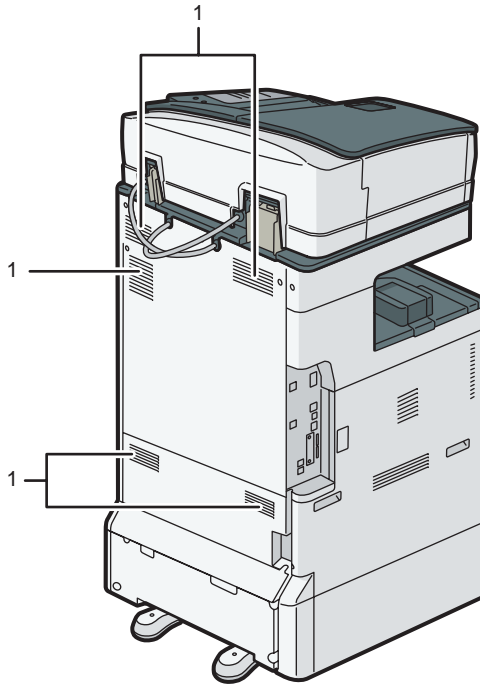
**6. Lower right cover**

Open this cover when a paper jam occurs.

**7. Right cover**

Open this cover when a paper jam occurs.

**Rear and left view**



DRY203

**1. Vents**

Prevent overheating.

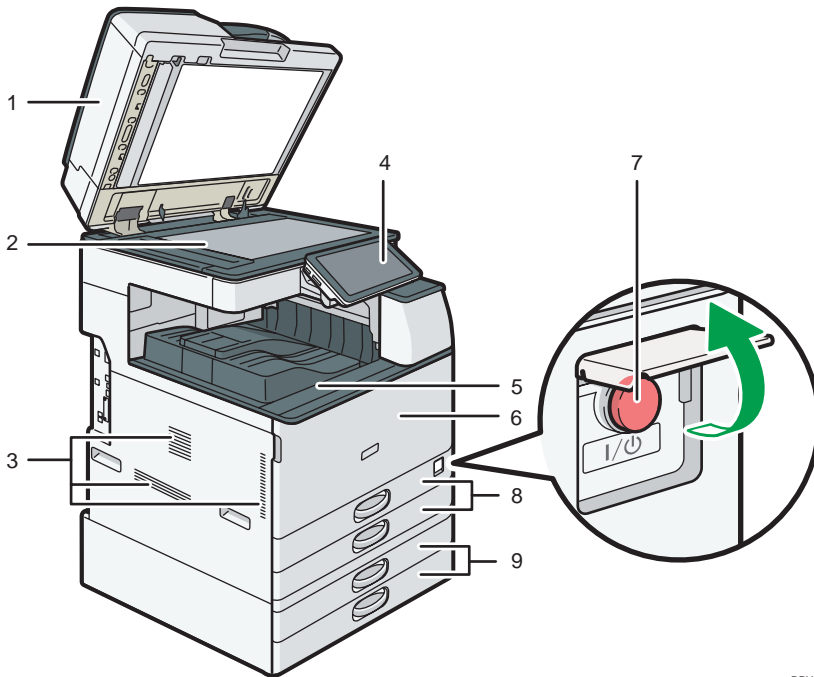
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**Guide to Components**  **Region A (mainly Asia)**

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**⚠ CAUTION**

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

**Front and left view**

DRY201

**1. Exposure glass cover or ADF**

(The illustration shows the ADF.)

Lower the exposure glass cover or the ADF over originals placed on the exposure glass.

If you load a stack of originals in the ADF, the ADF will automatically feed the originals one by one.

**2. Exposure glass**

Place originals face down here. For details, see page 86 "Placing Originals on the Exposure Glass

 Region **A** (mainly Asia)".

**3. Vents**

Prevent overheating.

**4. Control panel**

See page 56 "Guide to the Names and Functions of the Machine's Control Panel".

**5. Internal tray 1**

Copied/printed paper and fax messages are delivered here.

**6. Front cover**

Open to access the inside of the machine.

**7. Main power switch**

To operate the machine, the main power switch must be on. If it is off, open the main power switch's cover and turn the switch on.

**8. Paper trays (Trays 1–2)**

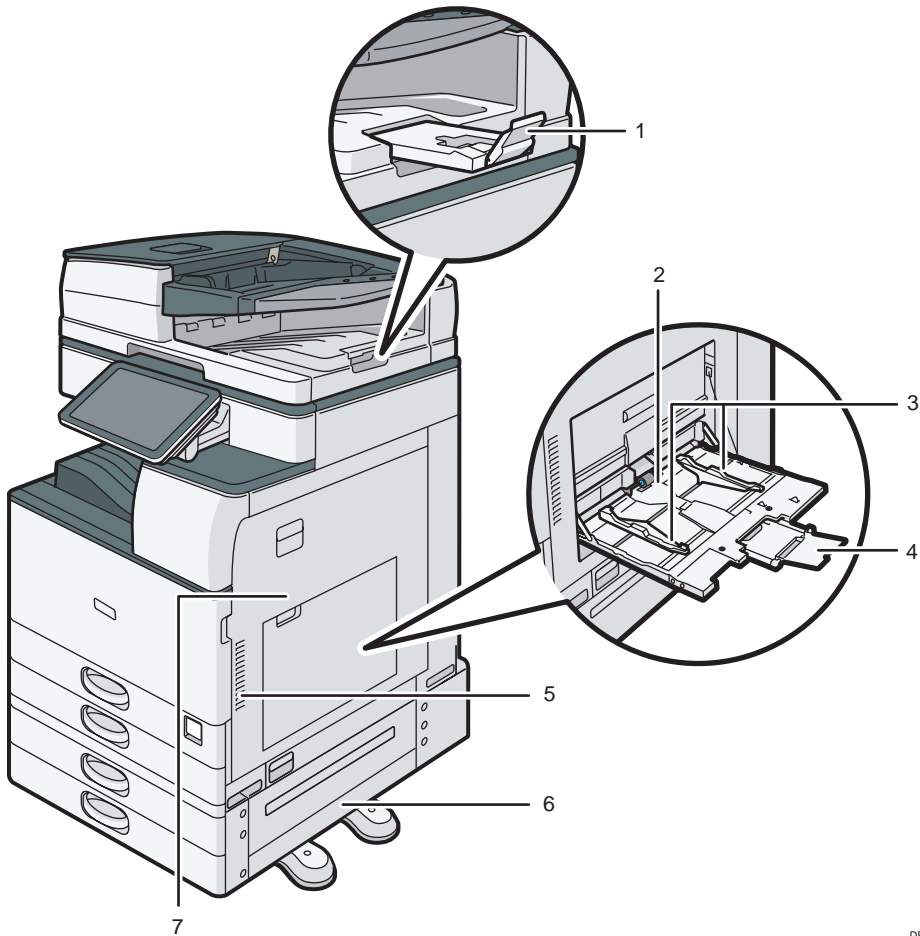
Load paper here. For details, see page 151 "Loading Paper".

**9. Lower paper trays**

Load paper here. For details, see page 151 "Loading Paper".

**Front and right view**

2



DRY202

**1. ADF's extender**

Pull this extender to support large paper.

**2. Bypass tray**

Use to copy or print on OHP transparencies, adhesive labels, and paper that cannot be loaded in the paper trays. For details, see page 152 "Loading Paper into the Bypass Tray".

**3. Paper guides**

When loading paper in the bypass tray, align the paper guides flush against the paper.

**4. Extender**

Pull this extender out when loading sheets larger than A4, 8<sup>1</sup>/<sub>2</sub> × 11 in the bypass tray.

**5. Vents**

Prevent overheating.

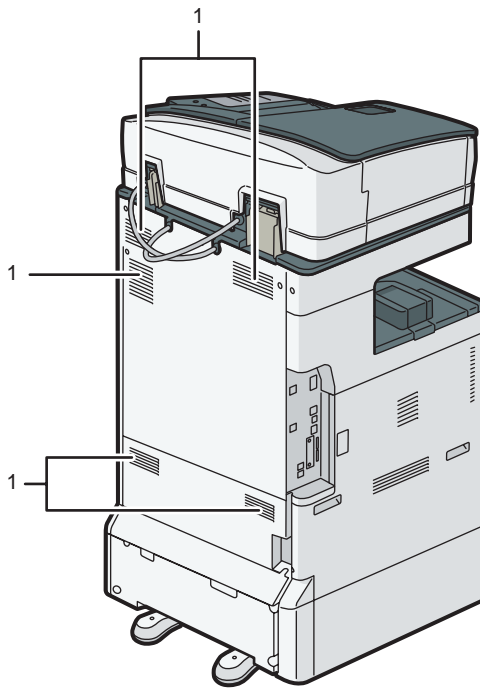
**6. Lower right cover**

Open this cover when a paper jam occurs.

**7. Right cover**

Open this cover when a paper jam occurs.

**Rear and left view**



DRY203

**1. Vents**

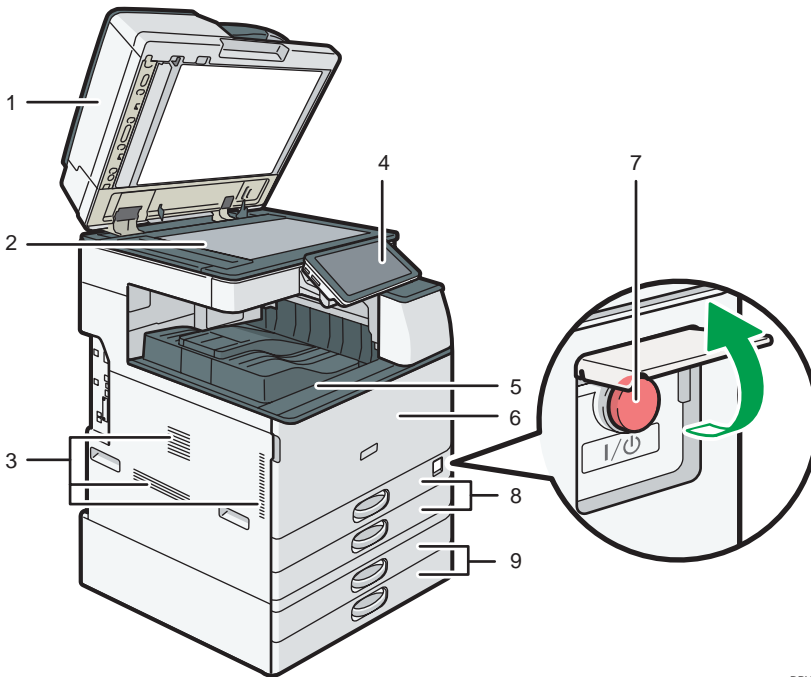
Prevent overheating.

**Guide to Components**  **Region B (mainly North America)**

**⚠ CAUTION**

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

### Front and left view




DRY201

#### 1. ADF

Lower the ADF over originals placed on the exposure glass.

If you load a stack of originals in the ADF, the ADF will automatically feed the originals one by one.

#### 2. Exposure glass

Place originals face down here. For details, see page 87 "Placing Originals on the Exposure Glass  (mainly North America)".

#### 3. Vents

Prevent overheating.

#### 4. Control panel

See page 56 "Guide to the Names and Functions of the Machine's Control Panel".

#### 5. Internal tray 1

Copied/printed paper and fax messages are delivered here.

#### 6. Front cover

Open to access the inside of the machine.

#### 7. Main power switch

To operate the machine, the main power switch must be on. If it is off, open the main power switch's cover and turn the switch on.

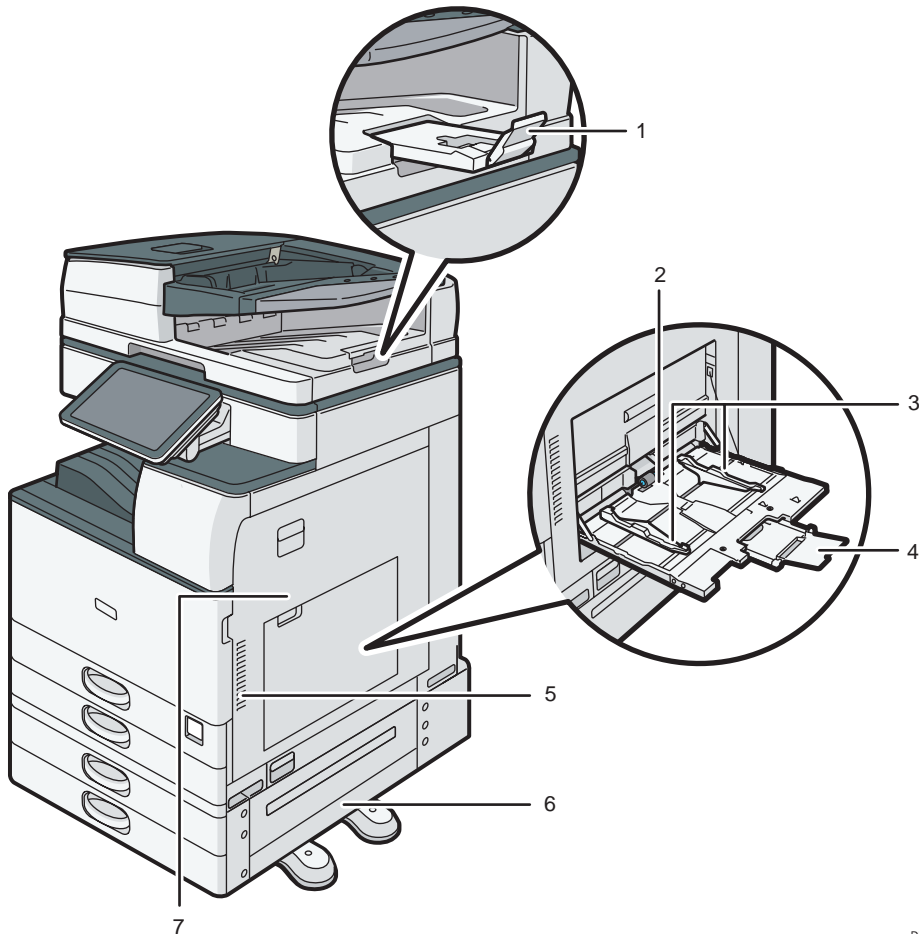
**8. Paper trays (Trays 1–2)**

Load paper here. For details, see page 151 "Loading Paper".

**9. Lower paper trays**

Load paper here. For details, see page 151 "Loading Paper".

**Front and right view**



DRY202

**1. ADF's extender**

Pull this extender to support large paper.

**2. Bypass tray**

Use to copy or print on OHP transparencies, adhesive labels, and paper that cannot be loaded in the paper trays. For details, see page 152 "Loading Paper into the Bypass Tray".

**3. Paper guides**

When loading paper in the bypass tray, align the paper guides flush against the paper.

**4. Extender**

Pull this extender out when loading sheets larger than A4, 8<sup>1</sup>/<sub>2</sub> × 11 in the bypass tray.

**5. Vents**

Prevent overheating.

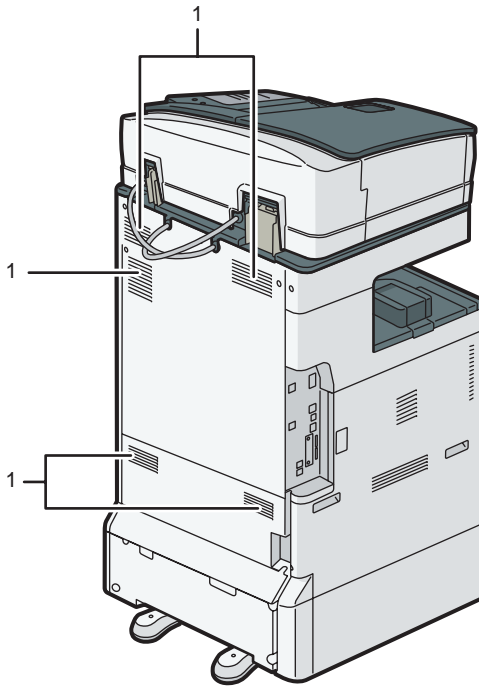
**6. Lower right cover**

Open this cover when a paper jam occurs.

**7. Right cover**

Open this cover when a paper jam occurs.

**Rear and left view**



DRY203

**1. Vents**

Prevent overheating.



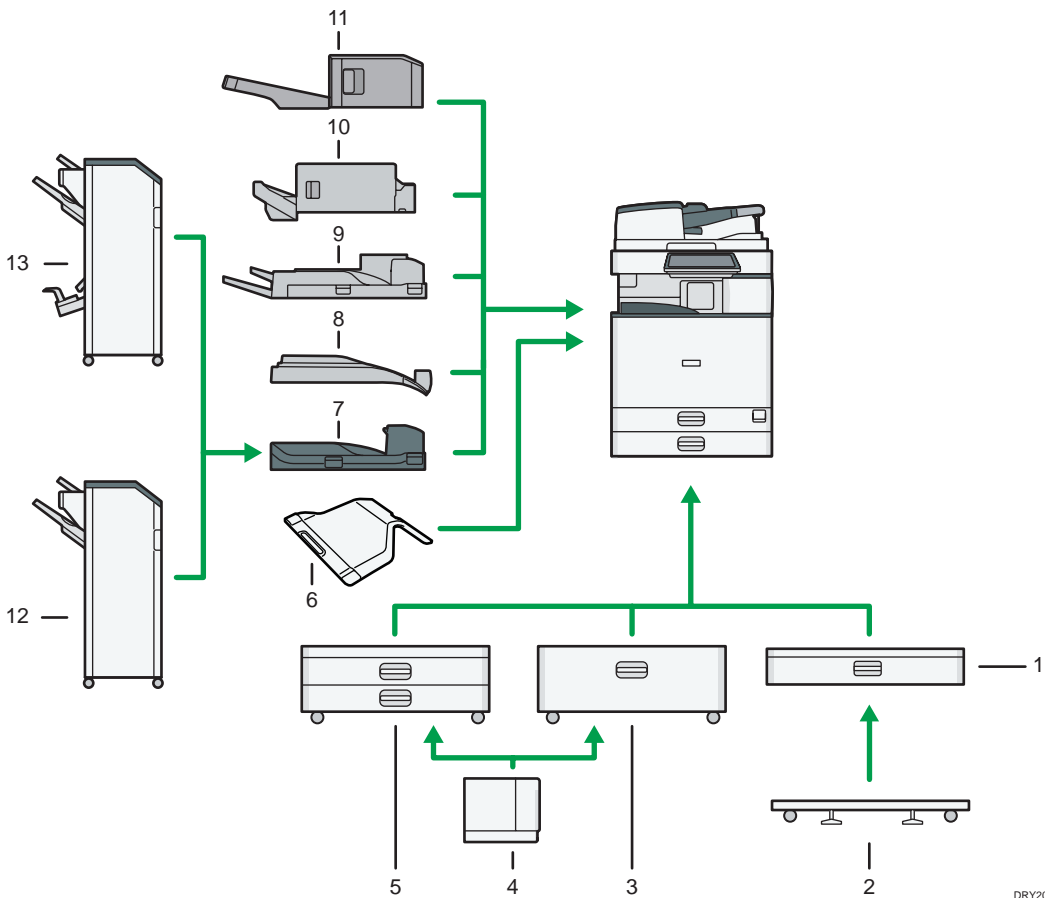
# Guide to Functions of the Machine's Options

## Guide to Functions of the Machine's External Options

Check which type of machine you have. See Read This First.

2

### External options for Type 1, 2, and 3 (mainly Europe)



DRY204

#### 1. Lower paper tray

Paper is loaded here.

#### 2. Caster table for lower paper tray

To use the lower paper tray, attach the caster table.

#### 3. Tray 3 (LCT)

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**4. Large capacity tray (LCT)**

Paper is loaded here.

**5. Lower paper trays**

Consists of two paper trays.

**6. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**7. Bridge unit**

Relays paper to the finisher.

**8. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**9. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**10. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**11. Internal Finisher SR3180**

Sorts and stacks multiple sheets of paper, and staples them without using staples.

**12. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray


Copies can be punched if the optional punch unit is installed on the finisher.

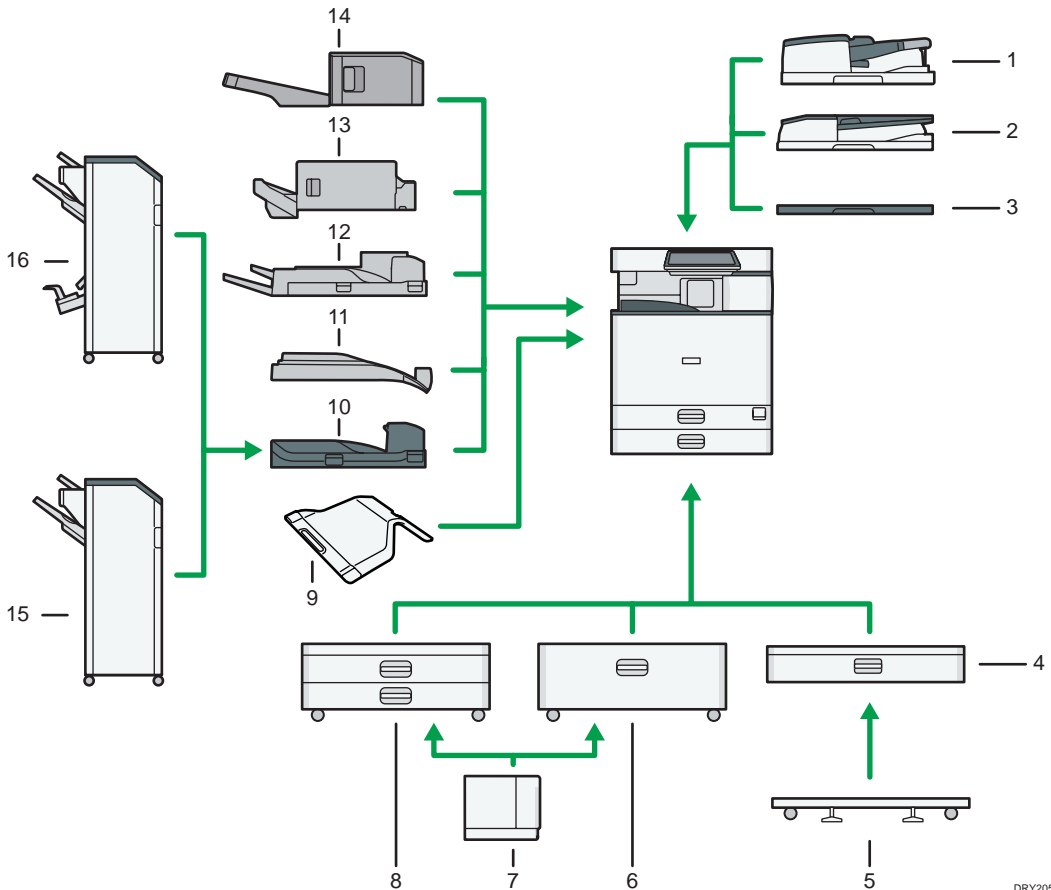
**13. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

External options for Type 1, 2, and 3  **Region A** (mainly Asia)



DRY205

**1. One-pass duplex scanning ADF**

Load a stack of originals here. They will feed in automatically.

**2. ARDF**

Load a stack of originals here. They will feed in automatically.

**3. Exposure glass cover**

Lower this cover over originals.

**4. Lower paper tray**

Paper is loaded here.

**5. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**6. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**7. Large capacity tray (LCT)**

Paper is loaded here.

**8. Lower paper trays**

Consists of two paper trays.

**9. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**10. Bridge unit**

Relays paper to the finisher.

**11. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**12. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**13. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Internal Finisher SR3180**

Sorts and stacks multiple sheets of paper, and staples them without using staples.

**15. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

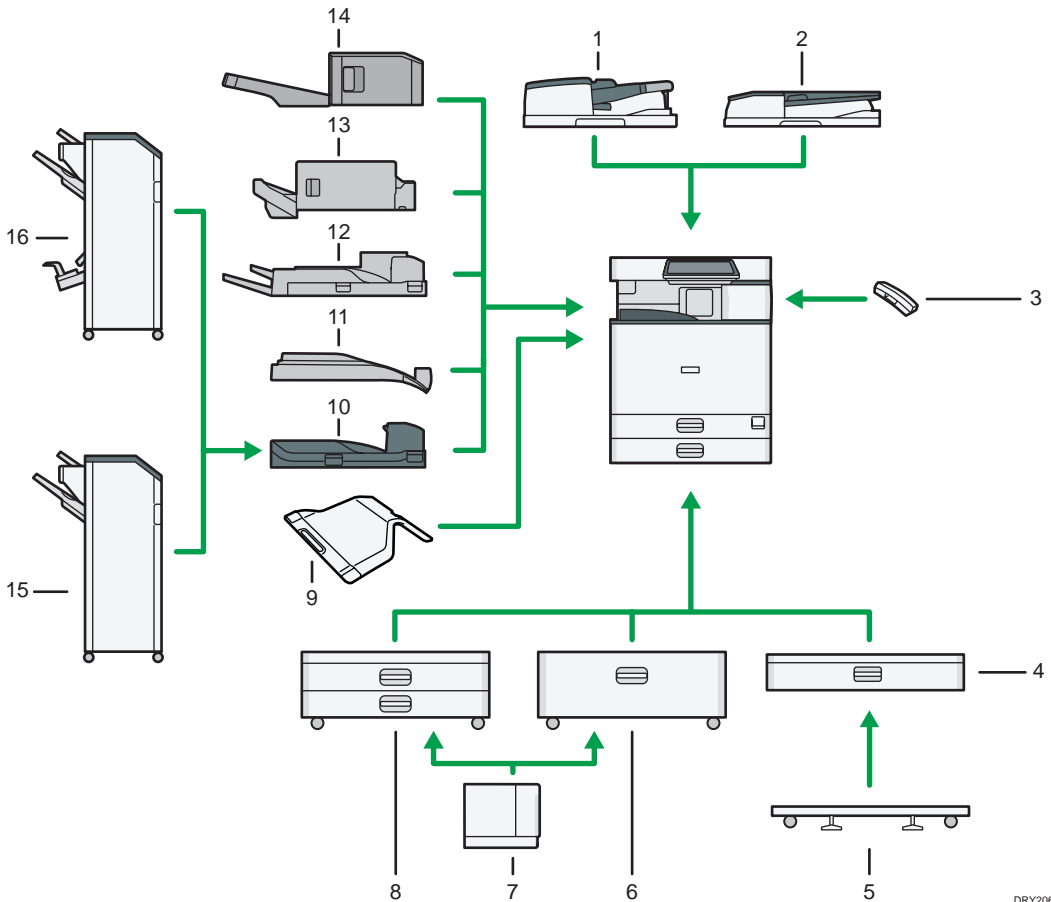
**16. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**External options for Type 1, 2, and 3  Region B (mainly North America)**



**1. One-pass duplex scanning ADF**

Load a stack of originals here. They will feed in automatically.

**2. ARDF**

Load a stack of originals here. They will feed in automatically.

The ARDF is standard on some models.

**3. Handset**

Used as a receiver when a fax unit is installed.

Allows you to use the On Hook Dial and Manual Dial functions. It also allows you to use the machine as a telephone.

**4. Lower paper tray**

Paper is loaded here.

**5. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

DRY206

**6. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**7. Large capacity tray (LCT)**

Paper is loaded here.

**8. Lower paper trays**

Consists of two paper trays.

**9. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**10. Bridge unit**

Relays paper to the finisher.

**11. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**12. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**13. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Internal Finisher SR3180**

Sorts and stacks multiple sheets of paper, and staples them without using staples.

**15. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

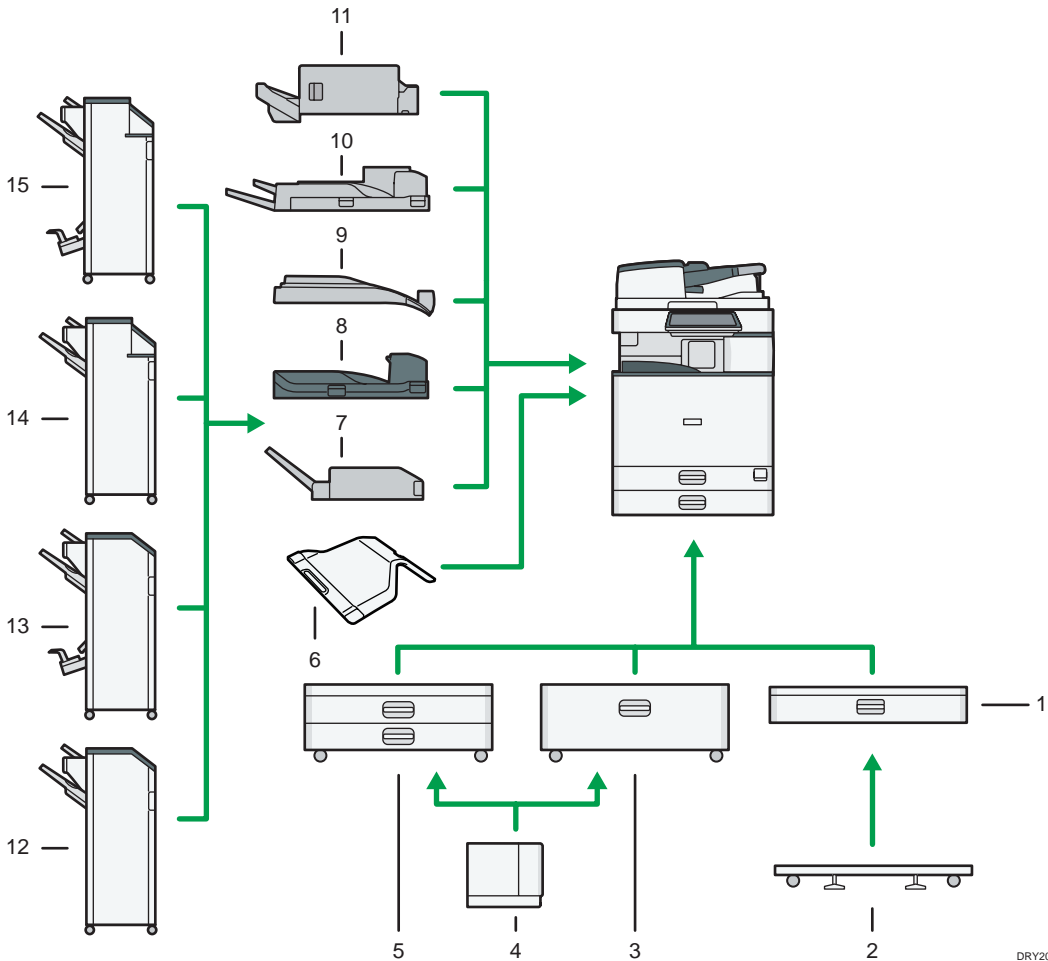
**16. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

External options for Type 4 and 5  Region **A** (mainly Europe)



DRY207

**1. Lower paper tray**

Paper is loaded here.

**2. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**3. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**4. Large capacity tray (LCT)**

Paper is loaded here.

**5. Lower paper trays**

Consists of two paper trays.

**6. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**7. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**8. Bridge unit**

Relays paper to the finisher.

**9. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**10. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**11. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**12. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**15. Booklet Finisher SR3240**

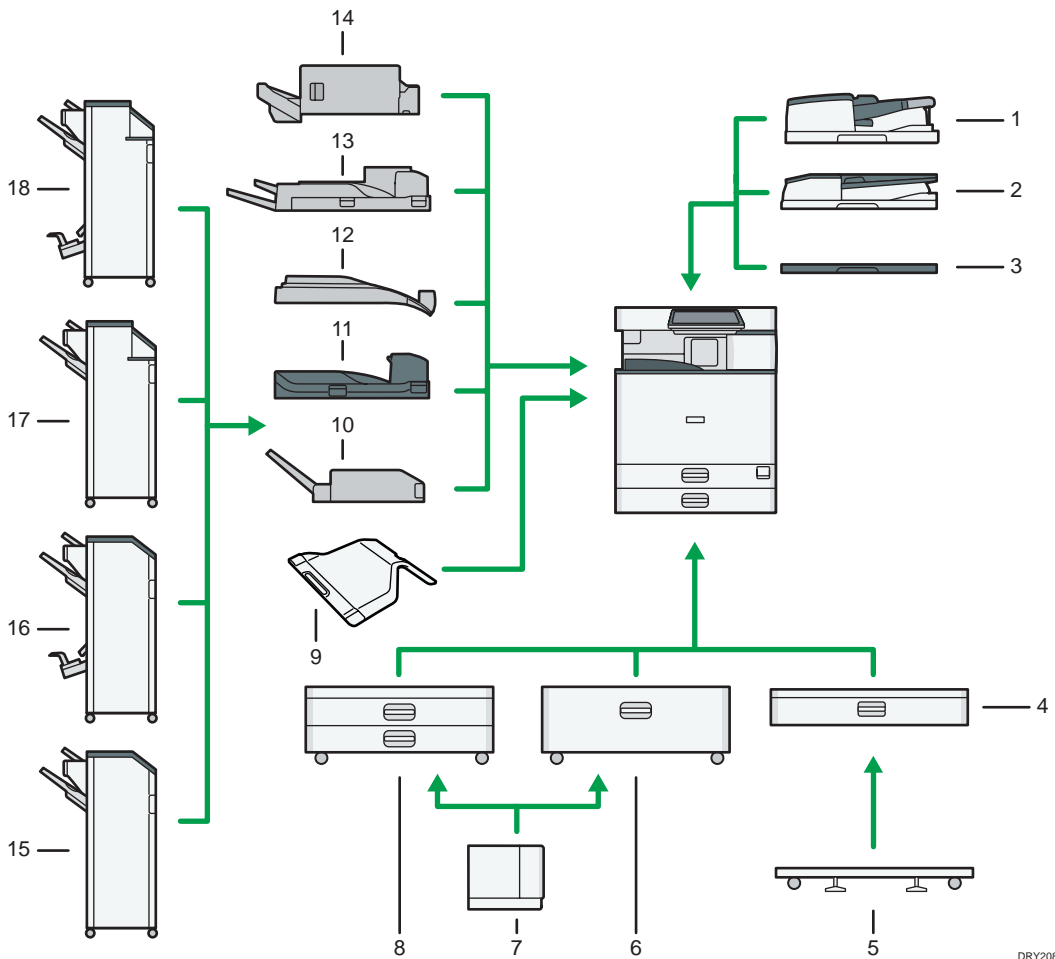
Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.



External options for Type 4 and 5  Region **A** (mainly Asia)



DRY208

**1. One-pass duplex scanning ADF**

Load a stack of originals here. They will feed in automatically.

**2. ARDF**

Load a stack of originals here. They will feed in automatically.

**3. Exposure glass cover**

Lower this cover over originals.

**4. Lower paper tray**

Paper is loaded here.

**5. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**6. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**7. Large capacity tray (LCT)**

Paper is loaded here.

**8. Lower paper trays**

Consists of two paper trays.

**9. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**10. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**11. Bridge unit**

Relays paper to the finisher.

**12. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**13. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**14. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**15. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**16. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**17. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

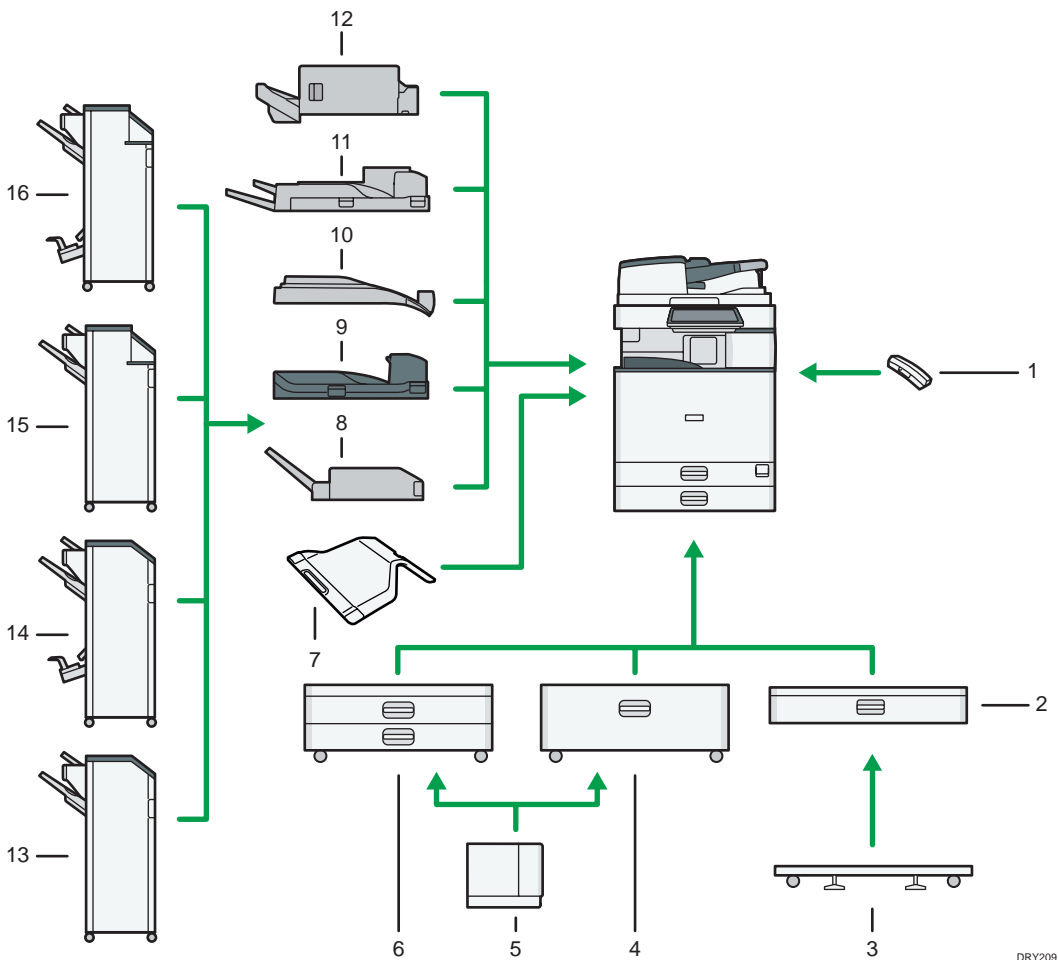
### 18. Booklet Finisher SR3240

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

### External options for Type 4 and 5 Region B (mainly North America)



DRY209

#### 1. Handset

Used as a receiver when a fax unit is installed.

Allows you to use the On Hook Dial and Manual Dial functions. It also allows you to use the machine as a telephone.

**2. Lower paper tray**

Paper is loaded here.

**3. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**4. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**5. Large capacity tray (LCT)**

Paper is loaded here.

**6. Lower paper trays**

Consists of two paper trays.

**7. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**8. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**9. Bridge unit**

Relays paper to the finisher.

**10. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**11. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**12. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**15. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

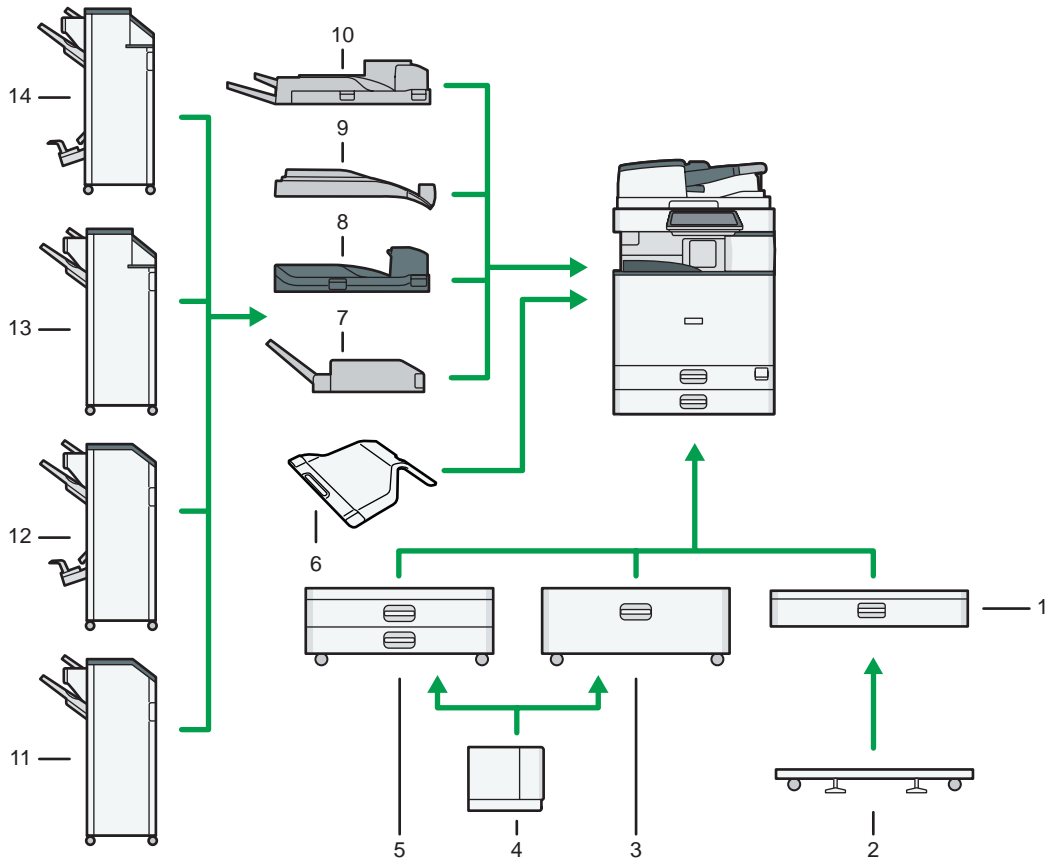
**16. Booklet Finisher SR3240**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**External options for Type 6  Region A (mainly Europe and Asia)**



DRY210

**1. Lower paper tray**

Paper is loaded here.

**2. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**3. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**4. Large capacity tray (LCT)**

Paper is loaded here.

**5. Lower paper trays**

Consists of two paper trays.

**6. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**7. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**8. Bridge unit**

Relays paper to the finisher.

**9. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**10. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**11. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**12. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

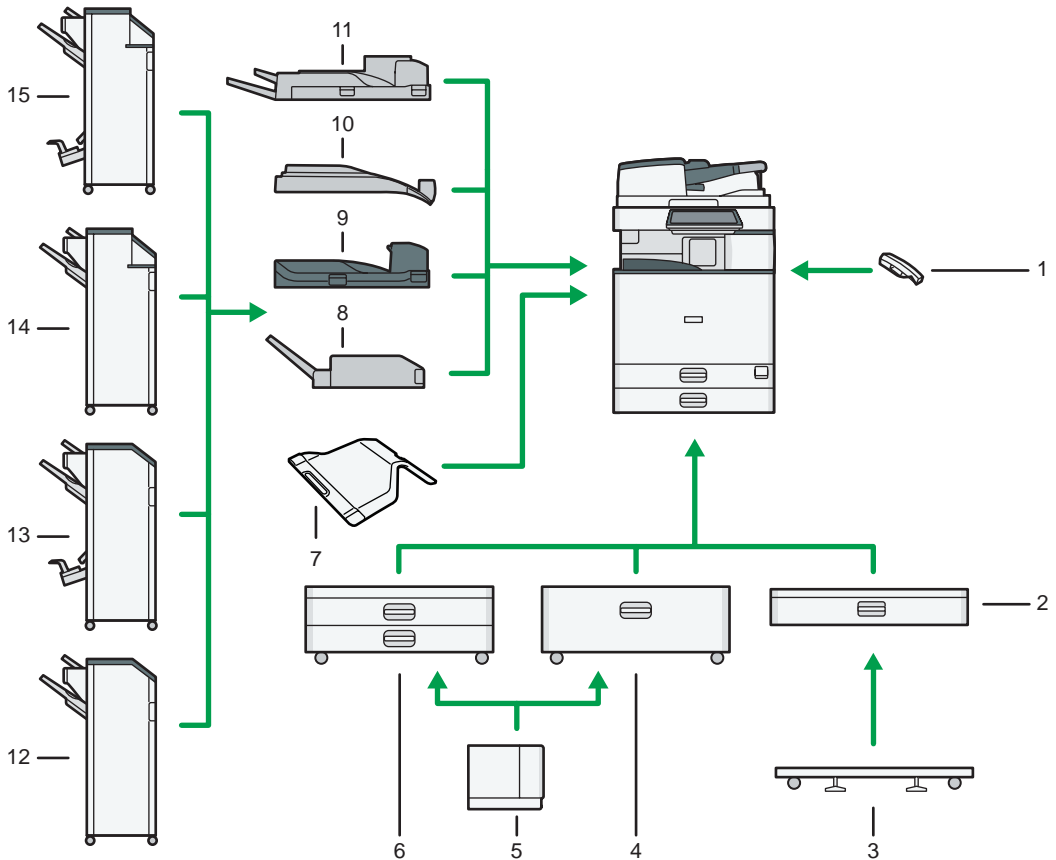
**14. Booklet Finisher SR3240**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**External options for Type 6  Region B (mainly North America)**



DRY212

**1. Handset**

Used as a receiver when a fax unit is installed.

Allows you to use the On Hook Dial and Manual Dial functions. It also allows you to use the machine as a telephone.

**2. Lower paper tray**

Paper is loaded here.

**3. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**4. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**5. Large capacity tray (LCT)**

Paper is loaded here.

**6. Lower paper trays**

Consists of two paper trays.

**7. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**8. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**9. Bridge unit**

Relays paper to the finisher.

**10. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**11. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**12. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.



#### 14. Finisher SR3230

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

#### 15. Booklet Finisher SR3240

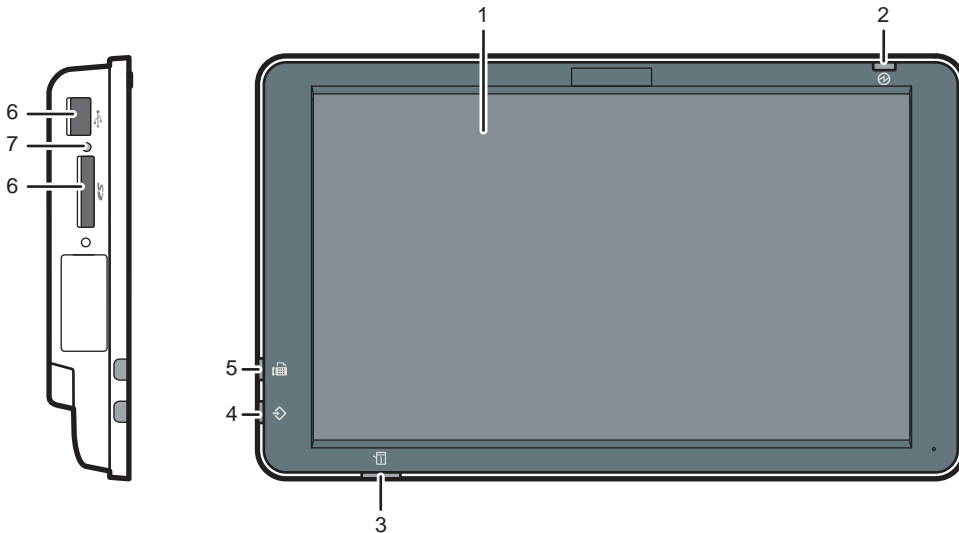
Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

# Guide to the Names and Functions of the Machine's Control Panel

2



DCH009

## 1. Display panel

This is a touch panel display that features icons, keys, shortcuts, and widgets that allow you to navigate the screens of the various functions and applications and provide you with information about operation status and other messages. See page 58 "How to Use the [Home] Screen" and page 64 "How to Use Each Application".

## 2. Main power indicator

The main power indicator goes on when you turn on the main power switch. When the machine is in Sleep mode, the main power indicator flashes slowly. In Fusing Unit Off mode, the main power indicator is lit.

## 3. Status indicator

Indicates the status of the system. Stays lit when an error occurs or the toner runs out.

## 4. Data In indicator (facsimile and printer mode)

Flashes when the machine is receiving print jobs or LAN-Fax documents from a computer. See Fax and Print.

## 5. Fax indicator

Indicates the status of the fax functions. Flashes during data transmission and reception. Stays lit when receiving a fax via Confidential or Substitute Reception.

## 6. Media slots


Use to insert an SD card or a USB flash memory device. For details, see "Inserting/Removing a Memory Storage Device", Getting Started.

## 7. Media access lamp

Lights up when an SD card is inserted in the media slot.

# Changing the Display Language

You can change the language used on the display. English is set as default.

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Change Langs. Widget] icon.
3. Select the language you want to display.
4. Press [OK].

# How to Use the [Home] Screen

The [Home] screen is set as the default screen when the machine is turned on.

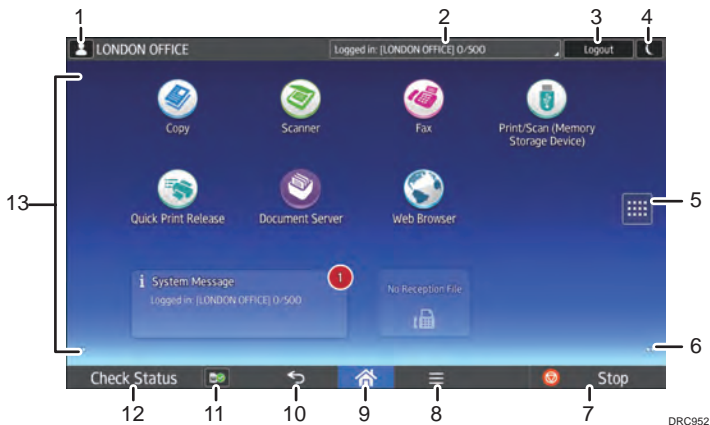
One icon is assigned to each function, and these icons are displayed on the [Home] screen. You can add shortcuts to frequently used functions or Web pages to the [Home] screen. Also, you can register widgets such as the Change Langs. Widget to it. The [Home] screen and the screen of each function may differ depending on the optional units that are installed.

To display the [Home] screen, press [Home] (🏠) at the bottom of the screen in the center.

## ★ Important

- Do not apply strong impact or force to the screen, or it may be damaged. Maximum force allowable is approx. 30N (approx. 3 kgf). (N = Newton, kgf = Kilogram force. 1 kgf = 9.8N.)

To switch between screens, flick your finger to the right or left on the screen.



### 1. Logged-in user icon

When user authentication is enabled, an icon is displayed that indicates that users are logged in.

Press the icon to show the names of the users that are currently logged in.

### 2. System message

Displays messages from the machine system and applications.

### 3. [Login]/[Logout]

These keys are displayed when user authentication is enabled. When you press [Login], the authentication screen appears. If you have been already logged in to the machine, [Logout] appears. To log out of the machine, press [Logout].

For details about how to log in and out, see page 83 "Logging In the Machine".

### 4. [Energy Saver] (🌙)

Press to switch to Sleep mode.

For details about the modes, see "Saving Energy", Getting Started.

**5. Application list icon** 

Press to display the application list. You can create shortcuts to the applications on the [Home] screen.

To use an application displayed in the [Widgets] tab and [Program] tab, create a shortcut for the application on the [Home] screen. For details, see "Customizing the [Home] Screen", Convenient Functions.

**6. Icons to switch between screens** 

Press to switch between the five home screens. The icons appear at the bottom right and left of the screen, the number of icons indicates the number of screens on each side of the current screen.

**7. [Stop]**

Press to stop a job in progress, such as copying, scanning, faxing, or printing.

**8. [Menu]** 

Displays the menu screen of the application you are using. Depending on the application you are using, this key may be disabled. You can also press this key in the [Home] screen to restore the [Home] screen's settings to their defaults.

**9. [Home]** 

Press to display the [Home] screen.

**10. Return** 

Press this key to return to the previous screen while Screen Features are enabled or applications are used. Depending on the application you are using, this key may be disabled. You can specify whether this key is enabled or not in some applications. For details about the settings, see "Screen Features", Connecting the Machine/ System Settings.

**11. [Media Information]**  / 

Press to remove the inserted SD card or USB flash memory device from the media slot. For details, see "Removing an SD Card" or "Removing a USB Flash Memory Device", Getting Started.

**12. [Check Status]**

Press to check the machine's system status, operational status of each function, and current jobs. You can also display the job history and the machine's maintenance information.

**13. Icon display area**

Displays the function or application icons and widgets. Displayed icons differ between the five home screens. For details about icons on each screen, see "Main Icons on the [Home] Screen", Getting Started.

You can also add shortcuts and arrange icons using folders. For details, see "Customizing the [Home] Screen", Convenient Functions.

**Note**

- You can change the [Home] screen's wallpaper. For details, see "Changing the [Home] Screen's Wallpaper", Convenient Functions.
- You can switch modes by pressing icons on the [Home] screen. You can also switch modes by pressing the function keys. For details about the function keys, see "Changing Modes by Pressing the Function Keys", Getting Started.
- You cannot switch modes in any of the following situations:
  - While scanning an original using the fax or scanner function

- When accessing the following screens:
  - Machine Features
  - Counter
  - Inquiry
  - Address Book Management
  - Tray Paper Settings
  - Current Job / Job History
- During interrupt copying
- During On-hook dialing for fax transmission
- The [Home] screen is set as the default screen when the machine is turned on. You can change this default setting under Function Priority. See "Screen Features", Connecting the Machine/ System Settings.

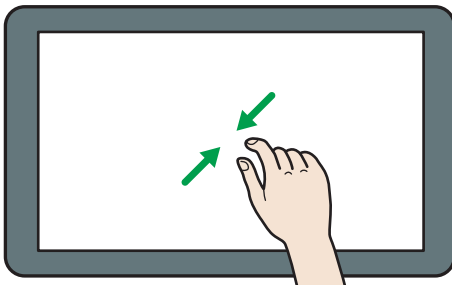
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## Possible Operations on the Standard Application Screen

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- Pinch-in

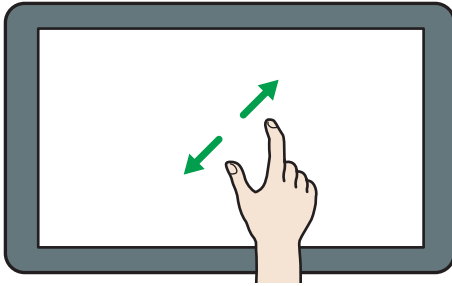
Place your thumb and forefinger on the screen, and then pinch the fingers together to zoom out the screen. Double-tapping can also be effective for this operation.



DNE103

- Pinch-out

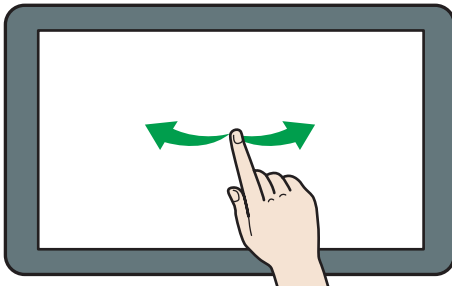
Place your thumb and forefinger on the screen, and then spread the fingers apart to zoom in the screen. Double-tapping can also be effective for this operation.



DNE104

- Flick

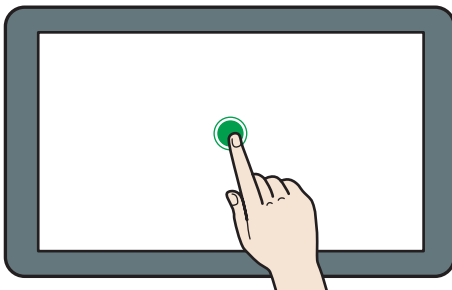
Flick your finger to the right or left on the screen to switch between screens.



DNE102

- Long tap

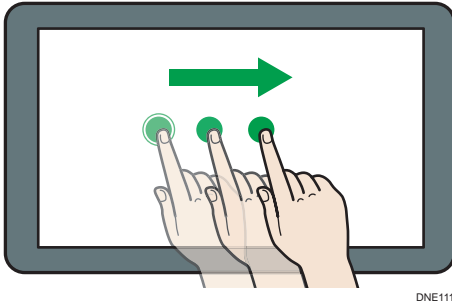
Place your finger on the screen and hold it there until the next screen appears. You can display the menu screen of the application you are using.



DNE101

- Drag

Slide your finger while pressing the screen. You can move an icon to where you want to place it on the screen.



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## Adding Icons to the [Home] Screen



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### Adding shortcuts to the [Home] screen

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You can add shortcuts to the machine's functions.

You can display the icons for the machine's functions and the embedded software applications after you delete them from the [Home] screen.

1. Press [Home]  at the bottom of the screen in the center.
2. Press .
3. Press the [Apps] tab to add a shortcut to an application other than the Classic Applications. Press the [Program] tab to add a shortcut to one of the Classic Applications.
4. Press and hold down the application icon to add a shortcut to an application other than the Classic Applications. Press and hold down the [Classic Applications] icon to add a shortcut to one of the Classic Applications.

The image of where the shortcut is to be placed on the [Home] screen is displayed.

5. Drag the icon to where you want to place it on the screen.

If you want to add a shortcut to the Classic Applications, proceed to Step 6.



6. Select the Classic Applications that you want to add from the list.

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### Adding shortcuts to bookmarks on the [Home] screen

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You can add shortcuts to bookmarks that have been registered in favorites in the Web Browser to the [Home] screen.

1. Press [Home]  at the bottom of the screen in the center.
2. Press .
3. Press the [Program] tab.




4. Press and hold down the [Bookmark] icon.

The image of where the shortcut is to be placed on the [Home] screen is displayed.

5. Drag the icon to where you want to place it on the screen.
6. Select the bookmark you want to add from the bookmark list.

## Adding shortcuts to programs to the [Home] screen

You can add shortcuts to programs registered on Copier, Facsimile, Scanner mode, or quick applications.


1. Display the function screen to which you want to register a program.
2. When you are using the standard applications or quick applications, press [Menu] (☰) at the bottom of the screen in the center. When you are using the Classic Applications, press [Recall/Program/Change Program] on the bottom left of the screen.
3. Register a program.
4. Press [Home] (🏠) at the bottom of the screen in the center.
5. Press .
6. Press the [Program] tab.
7. To display a program registered to the standard applications or quick applications, hold down the application icon. To display a program registered to the Classic Applications, hold down the [Classic Applications] icon.

The image of where the shortcut is to be placed on the [Home] screen is displayed.

8. Drag the icon to where you want to place it on the screen.
9. Select the program you want to add from the list.

## Adding widgets to the [Home] screen

You can add widgets to the [Home] screen to show the remaining amount of toner or change the display language.

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Press .
3. Press the [Widget] tab.
4. Press and hold down the widget icon you want to add.

The image of where the widget is to be placed on the [Home] screen is displayed.

5. Drag the icon to where you want to place it on the screen.

# How to Use Each Application

You can open the function screens by pressing icons such as [Copy], [Fax], or [Scanner] on the [Home] screen.

Three kinds of screens ("Standard Application Screen", "Classic Application Screen", and "Quick Application Screen") can be used by each function.

2

## Standard Application Screen

Functions and settings that are used frequently are shown on the top screen. Flick the screen up or down to select a setting item. When you select an item, the pull-down menu appears, or the setting item pops up. For details about operations on this screen, see page 60 "Possible Operations on the Standard Application Screen". For details about how to use the screen, see page 65 "[Copy] Screen", page 67 "[Fax] Screen", and page 72 "[Scanner] Screen".

## Classic Application Screen

You can select advanced functions and detailed settings according to the functions and settings you use frequently. For details about how to use this screen, see "How to Use Each Application", Getting Started. For details about keys that appear on the screen of each Classic Application, see "Keys that Appear on the Initial Settings Screen and Screens of Each Classic Application", Getting Started.

## Quick Application Screen

You can easily set the basic operations such as duplex copying, sending scanned documents by e-mail, or other operations. For details about how to use this screen, see "How to Use Each Application", Getting Started.

## Functions usable on each screen

Screen	Functions usable
Standard Application Screen	<ul style="list-style-type: none"> <li>• Copier</li> <li>• Fax</li> <li>• Scanner</li> </ul>
Classic Application Screen	<ul style="list-style-type: none"> <li>• Copier</li> <li>• Fax</li> <li>• Scanner</li> <li>• Printer</li> <li>• Document Server</li> </ul>
Quick Application Screen	<ul style="list-style-type: none"> <li>• Copier</li> <li>• Fax</li> <li>• Scanner</li> </ul>

### ↓ Note

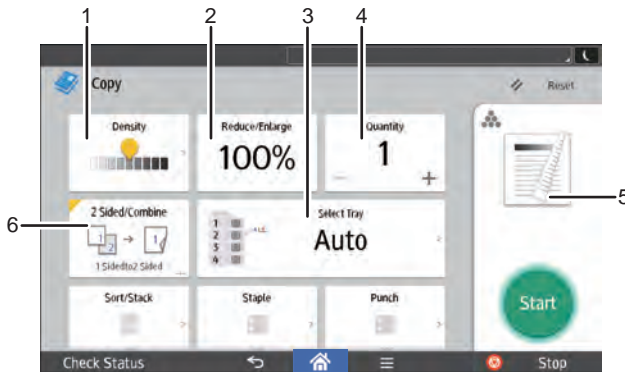
- [Copier (Classic)] icon, [Fax (Classic)] icon, [Scanner (Classic)] icon, and [Printer (Classic)] icon are displayed in the Application list. For details about how to register them to the [Home] screen, see page 62 "Adding Icons to the [Home] Screen".

## [Copy] Screen

2


You can switch the two screens described in this section by flicking the screen up or down.

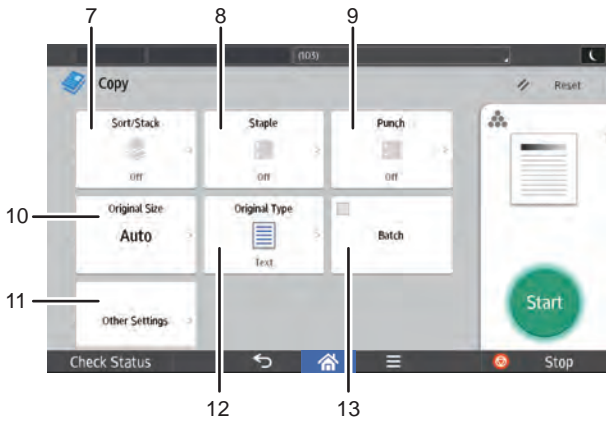
The items on the screen vary depending on the machine's settings.







DRY232

No.	Icon	Description
1		You can adjust the density of the overall original in nine steps. Specify the density by touching the  icon and dragging it right or left.
2	100%	You can reduce or enlarge images.
3	Auto	You can specify the paper tray containing the paper you want to copy to.
4	1	You can specify the numbers of copies to be made. Press a number to enter the number of copies using the keyboard. You can also specify the number of copies by pressing [ <b>+</b> ] or [ <b>-</b> ].
5		Preview prints change according to the settings you make.

No.	Icon	Description
6		You can combine two 1-sided originals or one 2-sided original to one side of a sheet. The machine selects a reproduction ratio automatically and copies the originals onto a single sheet of copy paper.

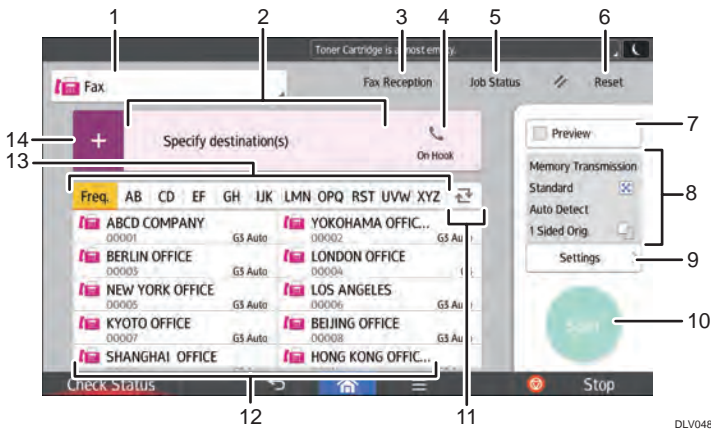


DQA115

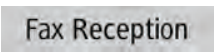
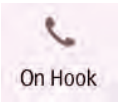





No.	Icon	Description
7		You can sort copies as a set in sequential order and stack copies of each page in a multi-page original.
8		You can staple each set of copies together.
9		You can punch each set of copies together.
10	Auto	You can specify the size of the original when copying custom size originals.
11	Other Settings	You can find other settings.
12		You can select an original type that is suitable for your originals.







No.	Icon	Description
13	Batch	You can divide an original that has many pages and scan it in smaller batches while copying it as a single document. To do this, place several pages of the original in the ADF.

## [Fax] Screen



No.	Icon	Description
1		You can switch between items in type of transmission.
2		The specified destination is shown here. By tapping the destination, you can register it to the Address Book or remove it from the destinations. By flicking up and down, you can confirm the selected destinations.

No.	Icon	Description
3		<p>You can perform the following operations related to Fax Reception:</p> <ul style="list-style-type: none"> <li>• Check Stored Reception Files</li> <li>• Operate Personal Box</li> <li>• Print ID Required Print Files</li> <li>• Manual Reception</li> <li>• Print Memory Lock</li> <li>• Check Reception File Settings</li> </ul>
4		<p>This function allows you to dial while listening to the dial tone from the internal speaker with the handset of the machine or external telephone on-hook.</p>
		<p>The total number of the selected destinations appears.</p> <p>Press to display a screen to confirm destinations.</p> <p>In the screen to confirm destinations, you can do the following:</p> <ul style="list-style-type: none"> <li>• Register destinations to the Address Book</li> <li>• Edit destinations</li> <li>• Remove destinations from the destination list</li> </ul>
5		<p>You can perform the following operations related to Job Status:</p> <ul style="list-style-type: none"> <li>• Confirm Transmission Standby Files</li> <li>• Check Transmission Results</li> <li>• Check Reception Results</li> <li>• Print Journals</li> </ul>
6		<p>Press to clear your current settings.</p>
7		<p>Press to display the preview screen after scanning originals.</p>
8		<p>You can check the settings in Settings.</p>

No.	Icon	Description
9		Press to open the settings screen. For details, see page 69 "[Settings] screen".
10		Press to scan originals and start sending.
11		Press to switch the section of the Address Book.
12		Shows the destinations in the Address Book.
13		The sections of the Address Book.
14		<p>Press to add a destination.</p> <p>Destinations can be added as follows:</p> <ul style="list-style-type: none"> <li>• Input destinations manually</li> <li>• Select from the transmission history</li> <li>• Specify a registration number from the Address Book</li> <li>• Search for a destination in the Address Book or on the LDAP server</li> <li>• Press to display the Remaining Memory Information</li> </ul>








## [Settings] screen

You can switch the three screens described in this section by flicking the screen up or down.

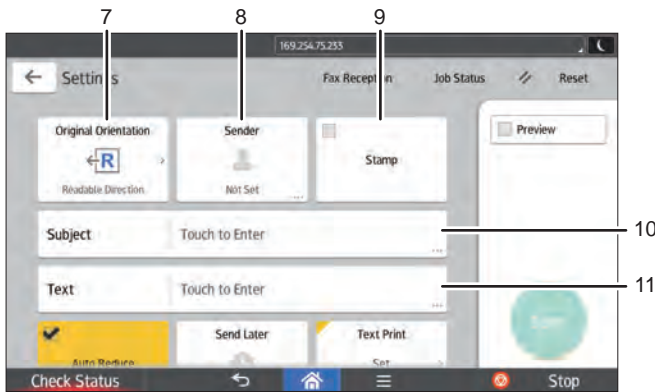
The items on the screen vary depending on the machine's settings.



DRY233

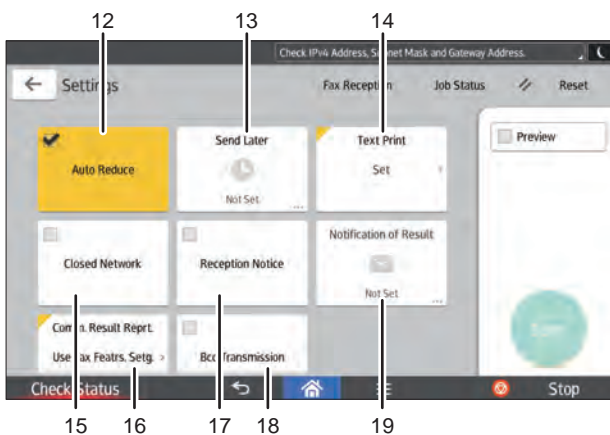
No.	Icon	Description
1		You can switch to immediate transmission mode. Unless immediate transmission is selected, memory transmission mode is selected by default.
2		You can select an original type that is suitable for your originals.
3		Press to select the resolution according to the size of the text on your original.
4		Press to specify the density to scan the original. You can also specify the density by touching the  icon and dragging it right or left.
5		Press to select the scanning size of the original.
6		Press to select the sides of the original.





DRY217

No.	Icon	Description
7		Press to select the orientation of the original.
8		Press to specify the sender.
9		Press to specify settings for stamps.
10		Specify the Internet Fax/E-Mail subject.
11		Specify the Internet Fax/E-Mail Text.

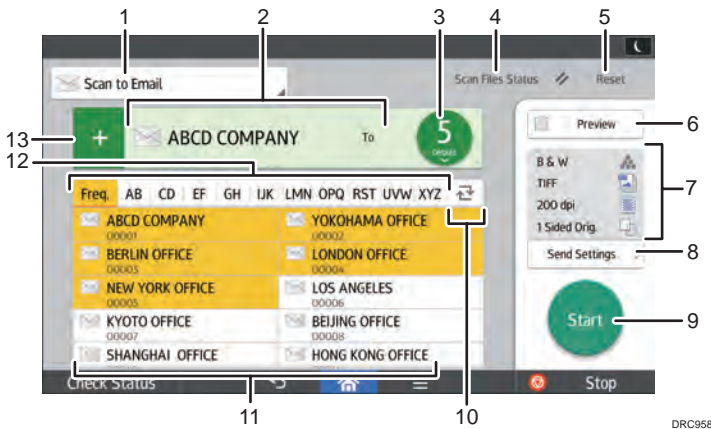


DRY218










No.	Icon	Description
12		Page Separation and Length Reduction.

No.	Icon	Description
13		You can specify settings to automatically send files directly or via F-code confidential communication at a specified time.
14	Set	You can select a standard message to be printed.
15	Closed Network	You can send files over a closed network.
16	Use Fax Featrs. Setg. >	Once memory transmission is complete, you can have the result printed.
17	Reception Notice	Requesting Reception Confirmation.
18	Bcc Transmission	Specifying Internet Fax/E-Mail Destinations as BCC Addresses.
19		You can receive a transmission notification by e-mail.

**[Scanner] Screen**



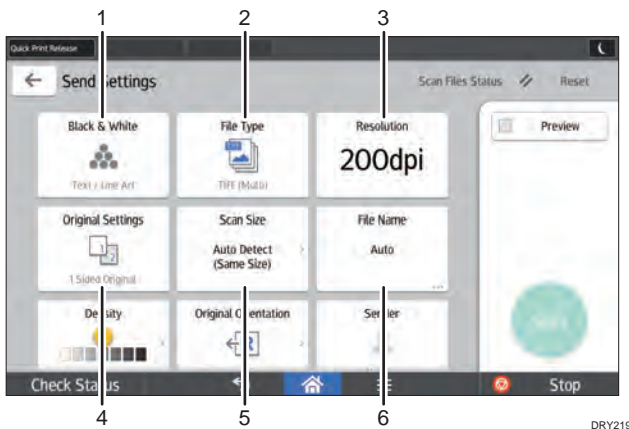
No.	Icon	Description
1		Displays the type of scanner destination. Press to switch between e-mail destinations and folder destinations.

No.	Icon	Description
2		<p>The specified destination is shown here.</p> <p>By tapping the destination, you can register it to the Address Book or remove it from the destinations.</p> <p>By flicking up and down, you can confirm the selected destinations.</p>
3		<p>The total number of the selected destinations appears.</p> <p>Press to display a screen to confirm destinations.</p> <p>In the screen to confirm destinations, you can do the following:</p> <ul style="list-style-type: none"> <li>• Switch the "To", "Cc", and "Bcc" fields of the e-mail destinations</li> <li>• Register destinations to the Address Book</li> <li>• Edit destinations</li> <li>• Remove destinations from the destination list</li> </ul>
4		<p>Press to display the transmission results screen.</p> <p>In the transmission results screen, you can do the following:</p> <ul style="list-style-type: none"> <li>• Check sent jobs</li> <li>• Check error descriptions</li> <li>• Cancel transmission of a document in standby</li> <li>• Print a list of transmission results</li> </ul>
5		<p>Press to clear your current settings.</p>
6		<p>Press to display the preview screen after scanning originals.</p>
7		<p>You can check the settings in Send Settings.</p>
8		<p>Press to open the send settings screen. For details, see page 74 "[Send Settings] screen".</p>
9		<p>Press to scan originals and start sending.</p>
10		<p>Press to switch the section of the Address Book.</p>

No.	Icon	Description
11		Shows the destinations in the Address Book. If a password or protection code is specified to a folder destination, enter the password or protection code on the screen displayed after tapping the folder destination.
12		The sections of the Address Book.
13		Press to add a destination. Destinations can be added as follows: <ul style="list-style-type: none"> <li>• Input destinations manually</li> <li>• Select from the transmission history</li> <li>• Specify a registration number from the Address Book</li> <li>• Search for a destination in the Address Book or on the LDAP server</li> </ul>



**[Send Settings] screen**

You can switch the four screens described in this section by flicking the screen up or down. The items on the screen vary depending on the machine’s settings.

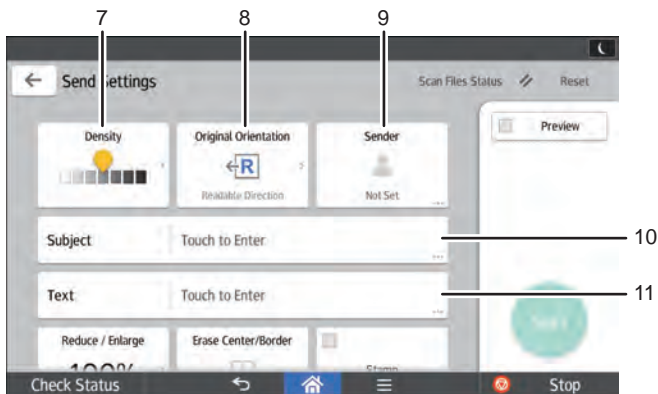


DRY219







No.	Icon	Description
1		Press to select the settings that are appropriate for the type of your original and color mode.
2		Press to select a file type.
3		Press to select the resolution to scan the original.

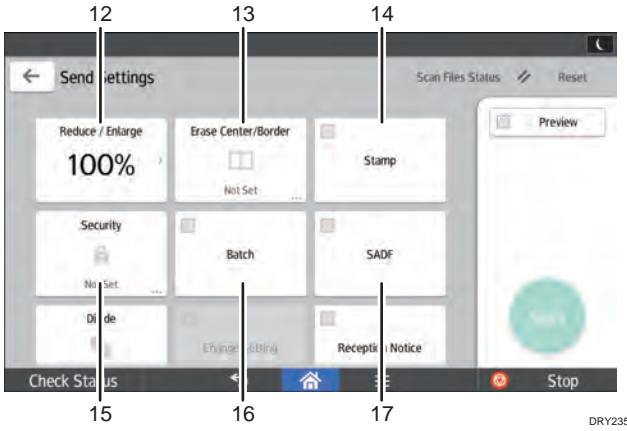
No.	Icon	Description
4		Press to select the sides of the original to scan, such as one side or both sides.
5		Press to select the scanning size of the original.
6	Auto	Press to specify a file name.

2



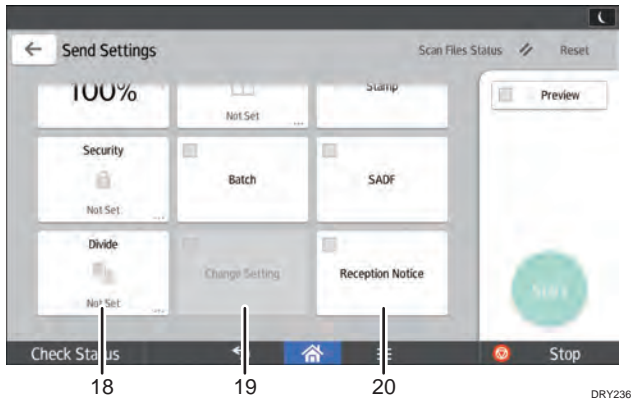
DRY234




No.	Icon	Description
7		Press to specify the density to scan the original. You can also specify the density by touching the  icon and dragging it right or left.
8		Press to select the orientation of the original.
9		Press to specify the sender.
10		Press to enter the subject of the e-mail.
11		Press to enter the main text of the e-mail.



DRY235

No.	Icon	Description
12	100%	Press to specify the magnification ratio for scanning the original.
13		Press to erase the image from a specified width around the document and in the center of the document when the document is scanned.
14	Stamp	Press to specify settings for stamps.
15		Press to sign and encrypt the e-mail.
16	Batch	Press to scan a large number of originals in several batches and send them together as a single job. You can place multi-page originals in the ADF.
17	SADF	Press to scan a large number of originals in several batches and send them together as a single job. Place the originals in the ADF one by one.



No.	Icon	Description
18		Press to divide a multi-page original into parts of a specified number of pages each, and then send the documents.
19		To switch the scan setting for additional originals to [1 Sided Original] after scanning one side of the last page of a batch of two-sided originals using the exposure glass, press [Change Setting], and then press [1 Sided Original]. You can select this only if [Batch] or [SADF] is also selected.
20		Press this to notify the sender that the e-mail recipient has opened the e-mail.

# Registering Functions in a Program

Depending on the functions, the number of programs that can be registered is different.

## Standard Applications

- Copy: 25 programs
- Fax: 100 programs
- Scanner: 100 programs

## Quick Applications

- Quick Copy: 25 programs
- Quick Fax: 100 programs
- Quick Scanner: 100 programs

The following settings can be registered to programs:

## Standard Applications

- Copy:  
Density, Reduce/Enlarge, Quantity, Paper Tray, 2 Sided, Combine, Sort, Stack, Staple, Original Size, Original Type, Batch, Other Settings
- Fax:  
Destination, Preview, Settings
- Scanner:  
Destination, Preview, Send Settings

## Quick Applications

- Quick Copy:  
Density, Paper Tray, Quantity, Reduce/Enlarge, 2 Sided, Combine, Staple, Punch, Original Orientation
- Quick Fax:  
Destination, Line, Density, Resolution, Original Orientation, Original Sides, Scan Size, Original Type, Preview, Stamp
- Quick Scanner:  
Destination, Original Type, File Type, Resolution, Original Orientation, Original Sides, Scan Size, Preview

This section explains how to register functions to a program by using each application.

## Standard Applications/Quick Applications

1. **Edit the settings so all functions you want to register to a program are selected on the [Copy], [Fax], [Scanner], [Quick Copy], [Quick Fax], or [Quick Scanner] screen.**



2. Press [Menu] (☰) at the bottom of the screen in the center.
3. Press [Reg. Current Setting to Program].
4. Press the program number you want to register.
5. Enter the program name.
6. Select the icon for the program.
7. Press [Prev. Screen].

When using the quick application, press [Previous Scr.].

8. Press [OK].
9. Press [Place].

Even if you select [Do not Place], you can add shortcuts to the program to the [Home] screen after the program registration is complete.

10. Press [Exit].

#### ↓ Note

- The number of characters you can enter for a program name varies depending on the functions as follows:
  - Standard Applications
    - Copy: 40 characters
    - Fax: 40 characters
    - Scanner: 40 characters
  - Quick Applications
    - Quick Copy: 40 characters
    - Quick Fax: 40 characters
    - Quick Scanner: 40 characters
- When a specified program is registered as the default, its values become the default settings, which are displayed without recalling the program, when modes are cleared or reset, and after the machine is turned on. See "Changing the Default Functions of the Initial Screen", Convenient Functions.
- When the paper tray you specified in a program is empty and if there is more than one paper tray with the same size paper in it, the paper tray prioritized under [Paper Tray Priority: Copier] or [Paper Tray Priority: Fax] in the [Tray Paper Settings] tab will be selected first. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings.
- Destinations can be registered to a program of the scanner mode only when [Include Destinations] is selected for [Program Setting for Destinations] in [Scanner Features]. For details about the setting, see "General Settings", Scan.

- Folder destinations that have protection codes cannot be registered to a program of the scanner mode.
- Programs are not deleted by turning the power off or by pressing [Reset] unless the program is deleted or overwritten.
- When you are using the Classic Applications, program numbers with ↻ next to them indicate that the programs have been registered.
- Programs can be registered to the [Home] screen, and can be recalled easily. For details, see page 62 "Adding Icons to the [Home] Screen". Shortcuts to programs stored in Document Server mode cannot be registered to the [Home] screen.

# Turning On/Off the Power

## ★ Important

- When you push the main power switch, wait at least 10 seconds after it is confirmed that the main power indicator has lit up or gone out.

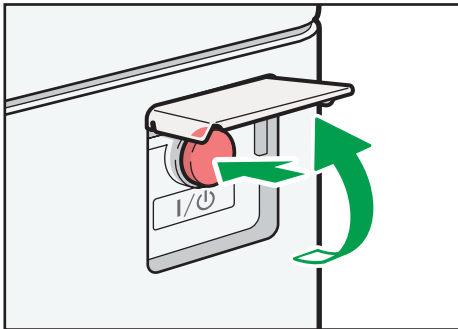
The main power switch is on the right side of the machine. When this switch is turned on, the main power turns on and the main power indicator on the right side of the control panel lights up. When this switch is turned off, the main power turns off and the main power indicator on the right side of the control panel goes out. When this is done, machine power is off. When the fax unit is installed, fax files in memory may be lost if you turn this switch off. Use this switch only when necessary.

2

## Turning On the Main Power

1. Make sure the power cord is firmly plugged into the wall outlet.
2. Open the main power switch cover, and push the main power switch.

The main power indicator goes on.



## Turning Off the Main Power

### ⚠ CAUTION

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.

## ★ Important

- Do not turn off the power while the machine is in operation.
- Do not hold down the main power switch while turning off the main power. Doing so forcibly turns off the machine's power and may damage the hard disk or memory and cause malfunctions.

**1. Open the main power switch cover, and push the main power switch.**

The main power indicator goes out. The main power turns off automatically when the machine shuts down. If the screen on the control panel does not disappear, contact your service representative.

# Logging In the Machine

## When the Authentication Screen is Displayed

If Basic Authentication, Windows Authentication, or LDAP Authentication is active, the authentication screen appears on the display. The machine only becomes operable after entering your own Login User Name and Login Password. If User Code Authentication is active, you cannot use the machine until you enter the User Code.

If you can use the machine, you can say that you are logged in. When you go out of the operable state, you can say that you are logged out. After logging in the machine, be sure to log out of it to prevent unauthorized usage.

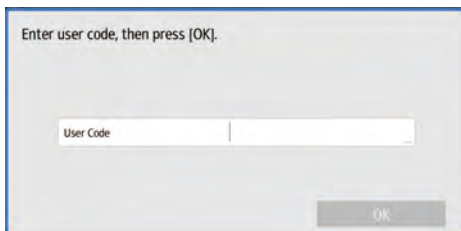
### ★ Important

- Ask the user administrator for the Login User Name, Login Password, and User Code. For details about user authentication, see "Configuring User Authentication", Security Guide.
- User Code to enter on User Code Authentication is the numerical value registered in the Address Book as "User Code".

## User Code Authentication Using the Control Panel

If User Code Authentication is active, a screen prompting you to enter a User Code appears.

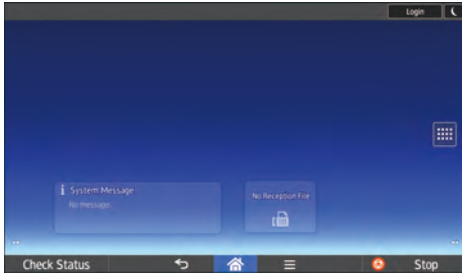
1. Enter a User Code (up to eight digits), and then press [OK].



## Logging In Using the Control Panel

This section explains the procedure for logging in to the machine when Basic Authentication, Windows Authentication, or LDAP Authentication is set.

1. Press [Login] on the top right on the screen.



2. Press [User Name].



3. Enter a Login User Name, and then press [Done].
4. Press [Password].
5. Enter a Login Password, and then press [Done].
6. Press [Login].

## Logging Out Using the Control Panel

This section explains the procedure for logging out the machine when Basic Authentication, Windows Authentication, or LDAP Authentication is set.

### ★ Important

- To prevent use of the machine by unauthorized persons, always log out when you have finished using the machine.

1. Press [Logout] on the top right on the screen.



**2. Press [OK].**

# Placing Originals

## Placing Originals on the Exposure Glass Region A (mainly Europe)

2

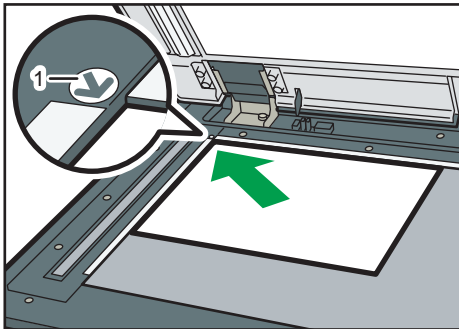
### CAUTION

- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so may result in an injury if your hands or fingers are pinched.

### Important

- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.
1. Lift the ADF.  
Be sure to lift the ADF by more than 30 degrees. Otherwise, the size of the original might not be detected correctly.
  2. Place the original face down on the exposure glass. The original should be aligned to the rear left corner.

Start with the first page to be scanned.



DCG030

1. Positioning mark

3. Lower the ADF.

## Placing Originals on the Exposure Glass Region A (mainly Asia)

### CAUTION

- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so may result in an injury if your hands or fingers are pinched.



### ★ Important

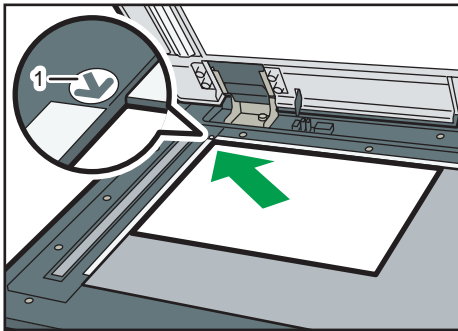
- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.

#### 1. Lift the ADF or the exposure glass cover.

Be sure to lift the ADF or the exposure glass cover by more than 30 degrees. Otherwise, the size of the original might not be detected correctly.

#### 2. Place the original face down on the exposure glass. The original should be aligned to the rear left corner.

Start with the first page to be scanned.



DCG030

#### 1. Positioning mark

#### 3. Lower the ADF or the exposure glass cover.

## Placing Originals on the Exposure Glass Region B (mainly North America)

### ⚠ CAUTION

- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so may result in an injury if your hands or fingers are pinched.

### ★ Important

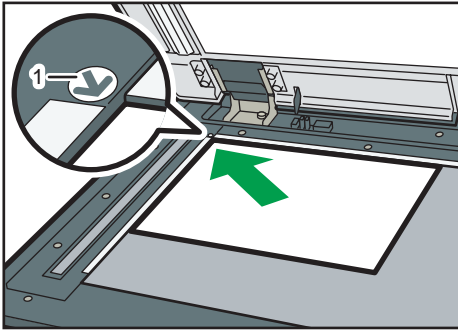
- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.

#### 1. Lift the ADF.

Be sure to lift the ADF by more than 30 degrees. Otherwise, the size of the original might not be detected correctly.

#### 2. Place the original face down on the exposure glass. The original should be aligned to the rear left corner.

Start with the first page to be scanned.



DCG030

1. Positioning mark

3. Lower the ADF.

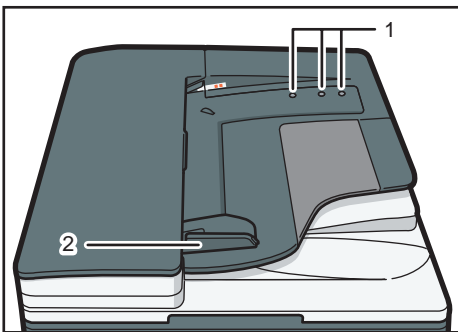
## Placing Originals in the Auto Document Feeder

Be sure not to load the original untidily. Doing so may cause the machine to display a paper misfeed message. Also, be sure not to place originals or other objects on the top cover. Doing so may cause a malfunction.

### ★ Important

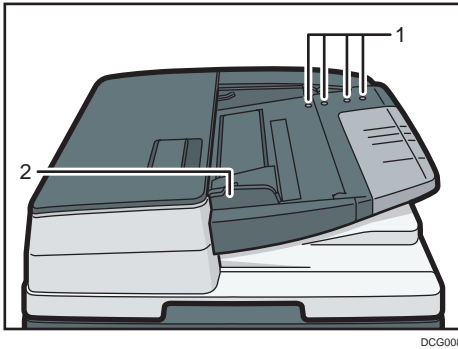
- When inserting originals in the ARDF, push them in once and without force.
- After turning on the power, do not place originals in the ARDF until the "Please wait." message disappears from the copy screen.

### ARDF



DCG007

## One-pass duplex scanning ADF



DCG008

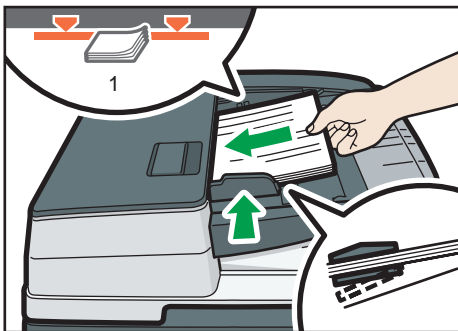
1. Sensors
2. Original guide

1. Adjust the original guide to the original size.
2. Place the aligned originals squarely face up in the ADF.

Do not stack originals beyond the limit mark.

The first page should be on the top.

(The illustration shows the one-pass duplex scanning ADF.)



DLV104

1. Limit mark




# 3. Copy


This chapter describes frequently used copier functions and operations. For information not included in this chapter, see Copy/ Document Server available on our website.

## Basic Procedure


To make copies of originals, place them on the exposure glass or in the ADF.

When placing the original on the exposure glass, start with the first page to be copied. When placing the original in the ADF, place them so that the first page is on the top.


 **Region A** (mainly Europe)

About placing the original on the exposure glass, see page 86 "Placing Originals on the Exposure Glass  **Region A** (mainly Europe)".

 **Region A** (mainly Asia)

About placing the original on the exposure glass, see page 86 "Placing Originals on the Exposure Glass  **Region A** (mainly Asia)".

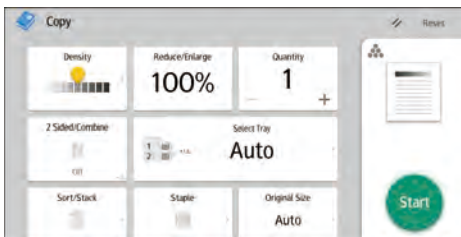
 **Region B** (mainly North America)

About placing the original on the exposure glass, see page 87 "Placing Originals on the Exposure Glass  **Region B** (mainly North America)".

About placing the original in the ADF, see page 88 "Placing Originals in the Auto Document Feeder".

To copy onto paper other than plain paper, specify the paper type in User Tools according to the weight of the paper you are using. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings.

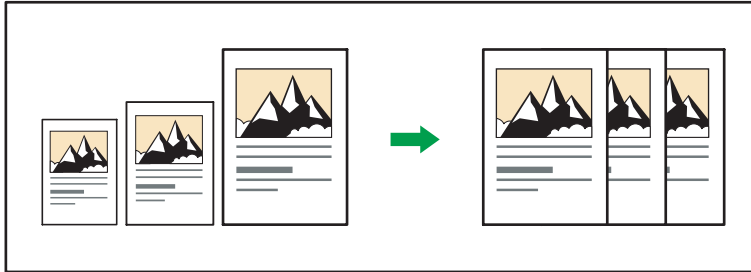
### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

## Auto Reduce / Enlarge

The machine automatically detects the original size and then selects an appropriate reproduction ratio based on the paper size you select.



CKN008

### ★ Important

- If you select a reproduction ratio after pressing [Auto Reduce / Enlarge], [Auto Reduce / Enlarge] is canceled and the image cannot be rotated automatically.

This is useful to copy different size originals to the same size paper.

If the orientation in which your original is placed is different from that of the paper you are copying onto, the machine rotates the original image by 90 degrees and fits it on the copy paper (Rotate Copy). For example, to reduce A3 ( $11 \times 17$ ) $\square$  originals to fit onto A4 ( $8\frac{1}{2} \times 11$ ) $\square$  paper, select a paper tray containing A4 ( $8\frac{1}{2} \times 11$ ) $\square$  paper, and then press [Auto Reduce / Enlarge]. The image is automatically rotated. For details about Rotate Copy, see "Rotate Copy", Copy/ Document Server.

The original sizes and orientations you can use with this function are as follows:

#### 🌐 Region A (mainly Europe and Asia)

Original location	Original size and orientation
Exposure glass	A3 $\square$ , B4 JIS $\square$ , A4 $\square$ , B5 JIS $\square$ , A5 $\square$ , $8\frac{1}{2} \times 13$ $\square$
ADF	A3 $\square$ , B4 JIS $\square$ , A4 $\square$ , B5 JIS $\square$ , A5 $\square$ , B6 JIS $\square$ , $11 \times 17$ $\square$ , $8\frac{1}{2} \times 11$ $\square$ , $8\frac{1}{2} \times 13$ $\square$

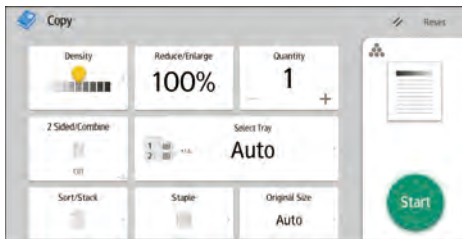
#### 🌐 Region B (mainly North America)

Original location	Original size and orientation
Exposure glass	$11 \times 17$ $\square$ , $8\frac{1}{2} \times 14$ $\square$ <sup>*1</sup> , $8\frac{1}{2} \times 13\frac{2}{5}$ $\square$ <sup>*1</sup> , $8\frac{1}{2} \times 11$ $\square$ , $5\frac{1}{2} \times 8\frac{1}{2}$ $\square$

Original location	Original size and orientation
ADF	$11 \times 17$ , $8\frac{1}{2} \times 14$ <sup>*1</sup> , $8\frac{1}{2} \times 13\frac{2}{5}$ <sup>*1</sup> , $8\frac{1}{2} \times 11$ $\square$ , $5\frac{1}{2} \times 8\frac{1}{2}$ $\square$ , $10 \times 14$ , $7\frac{1}{4} \times 10\frac{1}{2}$ $\square$ , A3 $\square$ , A4 $\square$

\*1 You can switch the initial setting to determine whether the machine detects either  $8\frac{1}{2} \times 14$  or  $8\frac{1}{2} \times 13\frac{2}{5}$ .

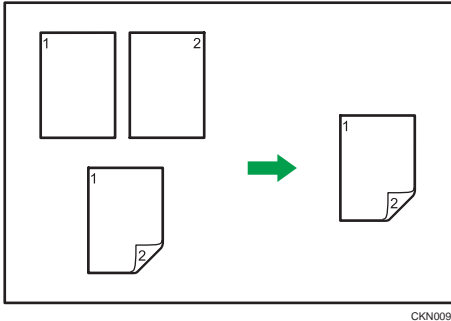
### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

# Duplex Copying

Copies two 1-sided pages or one 2-sided page onto a 2-sided page. During copying, the image is shifted to allow for the binding margin.



CKN009

There are two types of Duplex.

## 1 Sided → 2 Sided

Copies two 1-sided pages on one 2-sided page.

## 2 Sided → 2 Sided

Copies one 2-sided page on one 2-sided page.

The resulting copy image will differ according to the orientation in which you place your originals (☐ or ☐).

### Original orientation and completed copies

To copy on both sides of the paper, select the original and copy orientation according to how you want the printout to appear.

Original	Placing originals	Original Orientation	Orientation	Copy
			Top to Top	
			Top to Bottom	



Original	Placing originals	Original Orientation	Orientation	Copy
			Top to Top	
			Top to Bottom	

**Note**

- If the edge of the original is wrinkled or curled, rotate the original 180 degrees. For details, see "Original Orientation", Copy/ Document Server.

**When Using the Copy Application**

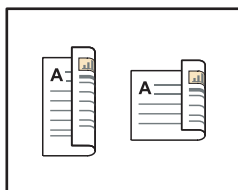


About how to use the application's screen, see page 65 "[Copy] Screen".

**Specifying the Original and Copy Orientation**

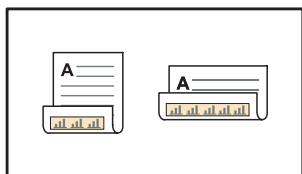
Select the orientation of the originals and copies if the original is two-sided or if you want to copy onto both sides of the paper.

- Top to Top



CKN011

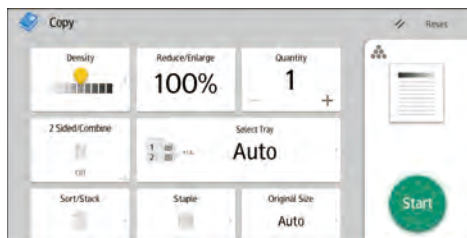
- Top to Bottom



CKN012

### When Using the Copy Application

3



About how to use the application's screen, see page 65 "[Copy] Screen".

# Combined Copying

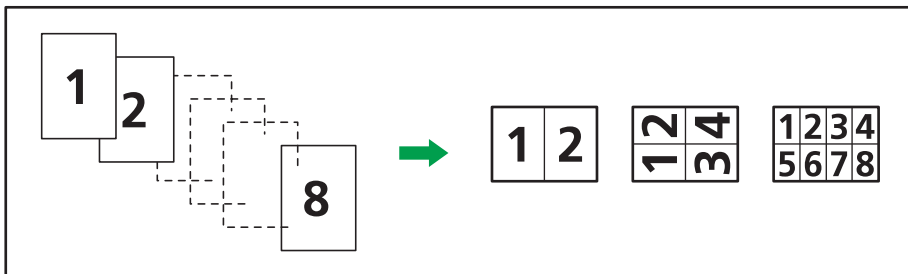
This mode can be used to select a reproduction ratio automatically and copy the originals onto a single sheet of copy paper.

The machine selects a reproduction ratio between 25 and 400%. If the orientation of the original is different from that of the copy paper, the machine will automatically rotate the image by 90 degrees to make copies properly.

## Orientation of the original and image position of Combine

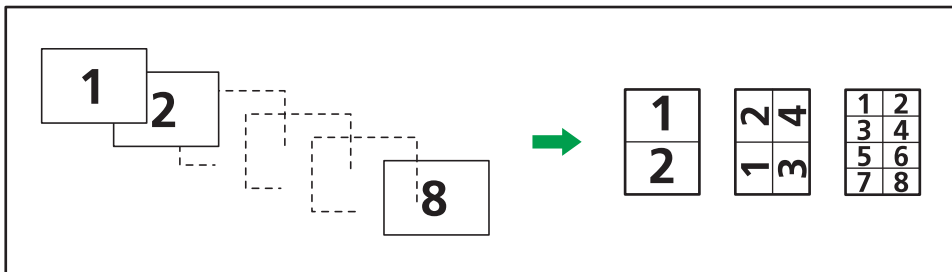
The image position of Combine differs according to original orientation and the number of originals to be combined.

- Portrait (📄) originals



CKN015

- Landscape (📄) originals

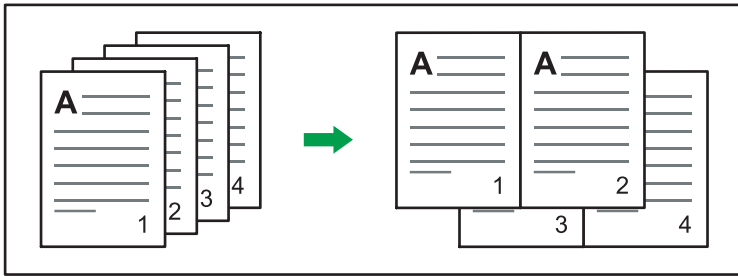


CKN016

## Placing originals (originals placed in the ADF)

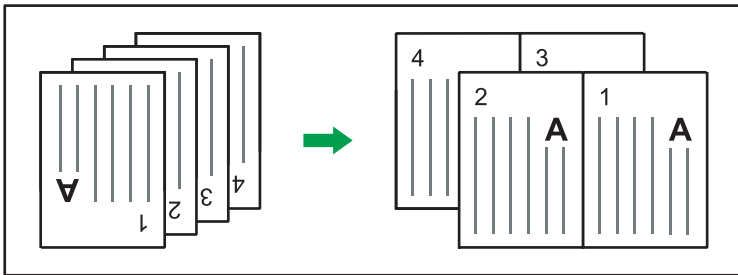
The default value for the copy order in the Combine function is [From Left to Right]. To copy originals from right to left in the ADF, place them upside down.

- Originals read from left to right



CKN010

- Originals read from right to left



CKN017

## One-Sided Combine

Combine several pages onto one side of a sheet.



CKN014

There are six types of One-Sided Combine.

### 1 Sided 2 Originals → Combine 1 Side

Copies two 1-sided originals to one side of a sheet.

### 1 Sided 4 Originals → Combine 1 Side

Copies four 1-sided originals to one side of a sheet.

### 1 Sided 8 Originals → Combine 1 Side

Copies eight 1-sided originals to one side of a sheet.

### 2 Sided 2 Pages → Combine 1 Side

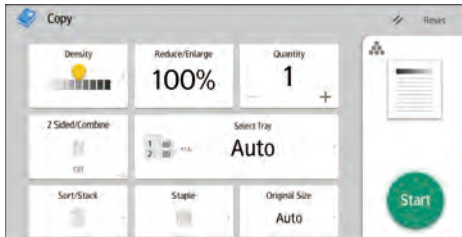
Copies one 2-sided original to one side of a sheet.

**2 Sided 4 Pages → Combine 1 Side**

Copies two 2-sided originals to one side of a sheet.

**2 Sided 8 Pages → Combine 1 Side**

Copies four 2-sided originals to one side of a sheet.

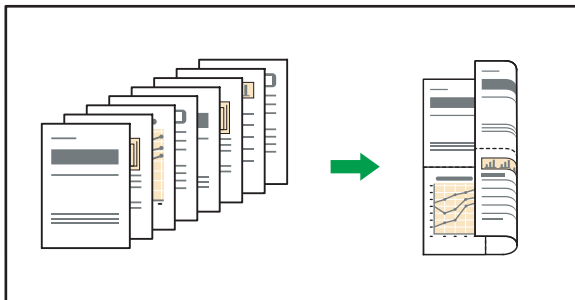
**When Using the Copy Application**

About how to use the application's screen, see page 65 "[Copy] Screen".

3

**Two-Sided Combine**

Combines various pages of originals onto two sides of one sheet.



CKN074

There are six types of Two-Sided Combine.

**1 Sided 4 Originals → Combine 2 Sides**

Copies four 1-sided originals to one sheet with 2 pages per side.

**1 Sided 8 Originals → Combine 2 Sides**

Copies eight 1-sided originals to one sheet with 4 pages per side.

**1 Sided 16 Originals → Combine 2 Sides**

Copies 16 1-sided originals to one sheet with 8 pages per side.

**2 Sided 4 Pages → Combine 2 Sides**

Copies two 2-sided originals to one sheet with 2 pages per side.

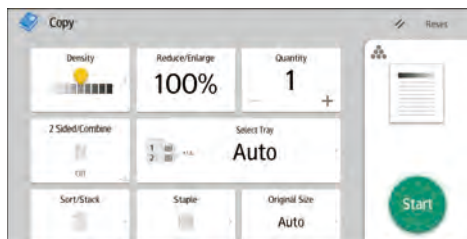
### 2 Sided 8 Pages → Combine 2 Sides

Copies four 2-sided originals to one sheet with 4 pages per side.

### 2 Sided 16 Pages → Combine 2 Sides

Copies eight 2-sided originals to one sheet with 8 pages per side.

### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

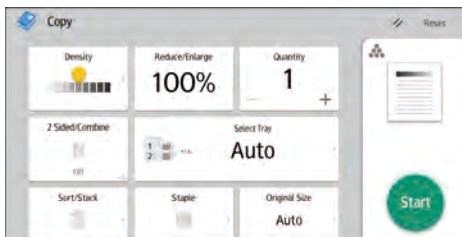
## Copying onto Custom Size Paper

Paper that has a horizontal length of 148.0–600.0 mm (5.83–23.62 inches) and a vertical length of 90.0–304.8 mm (3.55–12.00 inches) can be fed in from the bypass tray. Note however that the limitation on the horizontal and vertical length range will vary depending on which options are installed.

- When prints are delivered to the shift tray of Finisher SR3210 or Booklet Finisher SR3220:  
Horizontal length: 148.0–431.8 mm (5.83–17.00 inches), vertical length: 90.0–304.8 mm (3.55–12.00 inches)
- When prints are delivered to the shift tray of Finisher SR3230, Booklet Finisher SR3240 or Internal tray 2:  
Horizontal length: 148.0–457.2 mm (5.83–18.00 inches), vertical length: 90.0–304.8 mm (3.55–12.00 inches)
- When prints are delivered to the folding unit tray using only the Internal Multi-Folding unit:  
Horizontal length: 148.0–600.0 mm (5.83–23.62 inches), vertical length: 90.0–297.0 mm (3.55–11.69 inches)
- When prints are delivered to other trays:  
Horizontal length: 148.0–600.0 mm (5.83–23.62 inches), vertical length: 90.0–304.8 mm (3.55–12.00 inches)

3

### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

## Copying onto Envelopes

This section describes how to copy onto regular size and custom size envelopes. Place the original on the exposure glass and place the envelope in the bypass tray or paper tray.

Specify the thickness of the paper according to the weight of the envelopes you are printing on. For details about the relationship between paper weight and paper thickness and the sizes of envelopes that can be used, see page 163 "Recommended Paper Sizes and Types".

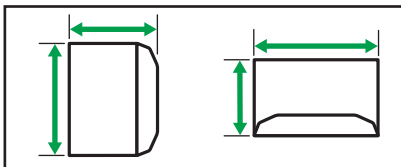
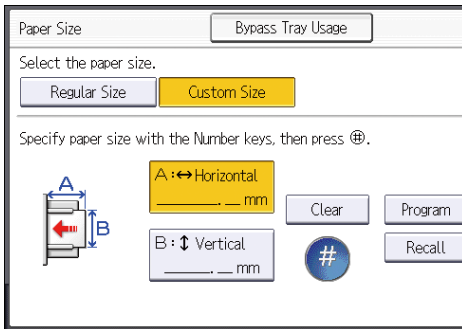
About handling envelopes, supported envelope types, and how to load envelopes, see page 171 "Envelopes".

3

### ★ Important

- **The Duplex function cannot be used with envelopes. If the Duplex function is specified, press [1 sided → 2 sided:TtoT] to cancel the setting.**

To copy onto custom size envelopes, you must specify the envelope's dimensions. Specify the horizontal and vertical length of the envelope.



CJF005

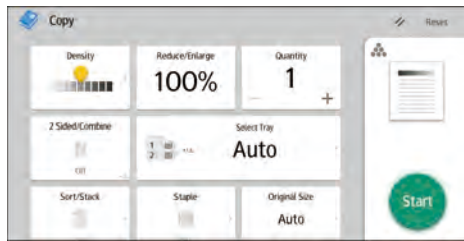
↔: Horizontal

↓: Vertical

Be sure to include the fully open flap in the horizontal dimension.



## When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

# Sort

The machine assembles copies as sets in sequential order.

Depending on your model and which options are installed on it, some of these functions might not be available. For details, see "Functions Requiring Optional Configurations", Getting Started.

**★ Important**

- You cannot use the bypass tray with Rotate Sort.

3

## Sort/Shift Sort

Copies are assembled as sets in sequential order.

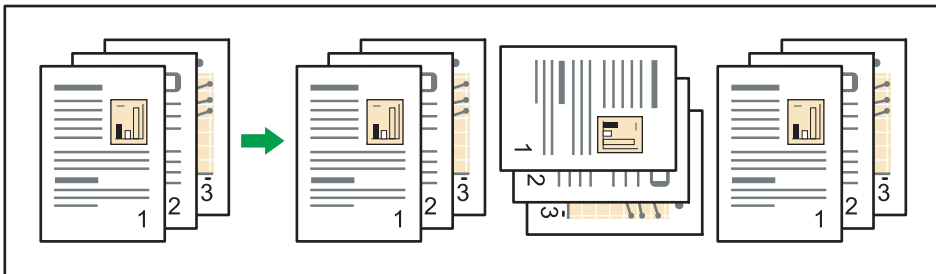
To use Shift Sort, a finisher or the internal shift tray is required. Each time the copies of one set or a job are delivered, the next copy is shifted to separate each set or job.



CKN018

## Rotate Sort

Every other copy set is rotated by 90 degrees (↻) and delivered to the copy tray.



CKN019

To use the Rotate Sort function, two paper trays loaded with paper of the same size and type, but in different orientation (↻), are required. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings.

## When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

3

## Changing the Number of Sets

You can change the number of copy sets during copying.

### ★ Important

- This function can be used only when the Sort function is selected.

## When Using the Copy Application



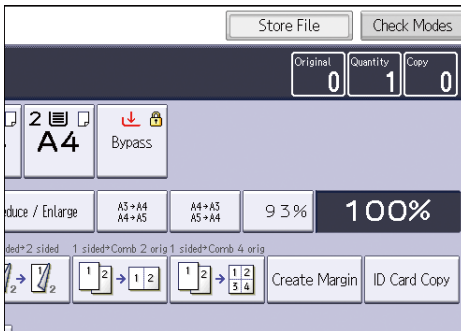
About how to use the application's screen, see page 65 "[Copy] Screen".

## Storing Data in the Document Server

The Document Server enables you to store documents being read with the copy feature on the hard disk of this machine. Thus you can print them later applying necessary conditions.

You can check the stored documents on the Document Server screen. For details about the Document Server, see page 145 "Storing Data".

### 1. Press [Store File].



2. Enter a user name, file name, or password if necessary.
3. Specify a folder in which to store the document if necessary.
4. Press [OK].
5. Place the originals.
6. Make the scanning settings for the original.
7. Press [Start].

Stores scanned originals in memory and makes one set of copies. If you want to store another document, do so after copying is complete.

## 4. Fax

This chapter describes frequently used facsimile functions and operations. For information not included in this chapter, see Fax available on our website.

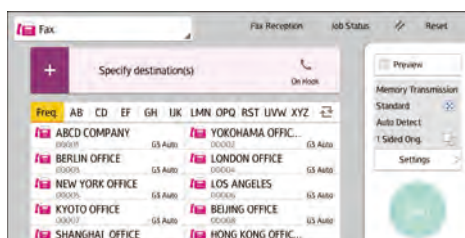
### Basic Procedure for Transmissions (Memory Transmission)

This section describes the basic procedure for transmitting documents using Memory Transmission. You can specify the fax, IP-Fax, Internet Fax, e-mail, or folder destinations. Multiple types of destination can be specified simultaneously.

#### ★ Important

- It is recommended that you call the receivers and confirm with them when sending important documents.
- If there is a power failure (the main power switch is turned off) or the machine is unplugged for about one hour, all the documents stored in memory are deleted. As soon as the main power switch is turned on, the Power Failure Report is printed to help you check the list of deleted files. See "When an Error Is Notified via a Report or E-Mail", Troubleshooting.

#### 📞 When Using the Fax Application



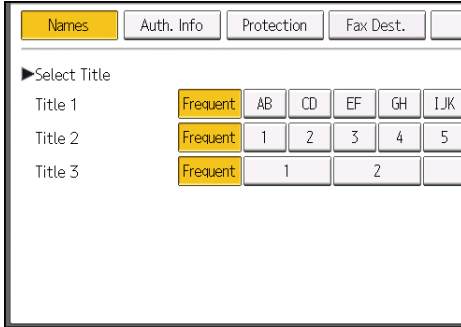
About how to use the application's screen, see page 67 "[Fax] Screen".

### Registering a Fax Destination

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".  
The name entry display appears.
6. Enter the name, and then press [OK].

7. Press [▼Next].

8. Press the key for the classification you want to use under "Select Title".



4

The keys you can select are as follows:

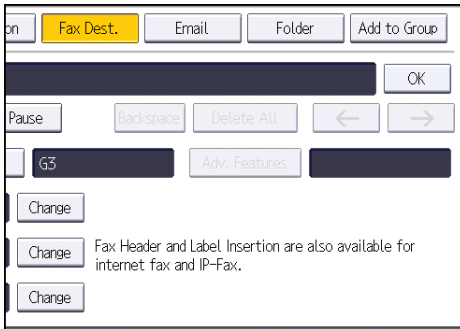
- [Frequent]: Added to the page that is displayed first.
- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

You can select [Frequent] and one more key for each title.

9. Press [Fax Dest.].

10. Press [Change] under "Fax Destination".

11. Enter the fax number using the number keys, and then press [OK].



12. Specify optional settings such as "SUB Code", "SEP Code", and "International TX Mode".

13. Press [OK].

14. Press [User Tools] (⚙️) on the top right of the screen.

15. Press [Home] (🏠) at the bottom of the screen in the center.

## Deleting a Fax Destination

### ★ Important

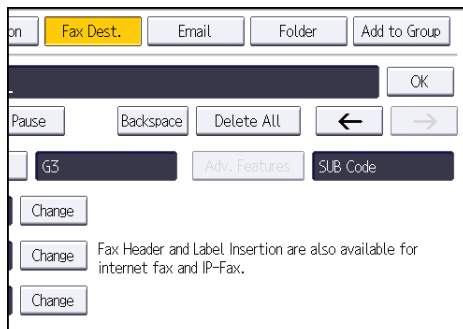
- If you delete a destination that is a specified delivery destination, messages to its registered Personal Box, for example, cannot be delivered. Be sure to check the settings in the fax function before deleting any destinations.

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Select the name whose fax destination you want to delete.

Press the name key, or enter the registered number using the number keys.

You can search by the registered name, user code, fax number, folder name, e-mail address, or IP-Fax destination.

5. Press [Fax Dest.].
6. Press [Change] under "Fax Destination".
7. Press [Delete All], and then press [OK] under "Fax Destination".



8. Press [OK].
9. Press [User Tools] (⚙️) on the top right of the screen.
10. Press [Home] (🏠) at the bottom of the screen in the center.

# Transmitting while Checking Connection to Destination (Immediate Transmission)

Using Immediate Transmission, you can send documents while checking the connection to the destination.

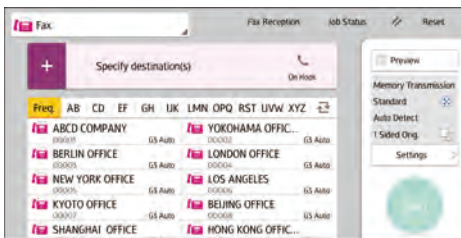
You can specify fax or IP-Fax destinations.

If you specify Internet Fax, e-mail, folder destinations, and group or multiple destinations, the transmission mode is automatically switched to Memory Transmission.

### ★ Important

- It is recommended that you call the receivers and confirm with them when sending important documents.

### 📞 When Using the Fax Application



About how to use the application's screen, see page 67 "[Fax] Screen".



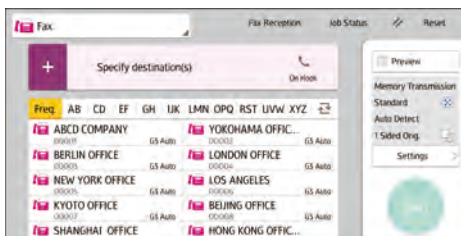
# Canceling a Transmission

This section explains how to cancel a fax transmission.

## Canceling a Transmission Before the Original Is Scanned

Use this procedure to cancel a transmission before pressing [Start].

### When Using the Fax Application



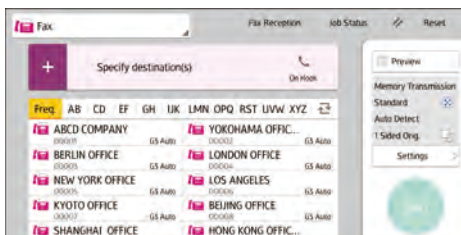
About how to use the application's screen, see page 67 "[Fax] Screen".

## Canceling a Transmission While the Original Is Being Scanned

Use this procedure to cancel scanning or transmitting of the original while it is being scanned.

If you cancel a transmission using the standard memory transmission function, you need to follow a different procedure to cancel the transmission. See page 111 "Canceling a Transmission After the Original Is Scanned".

### When Using the Fax Application



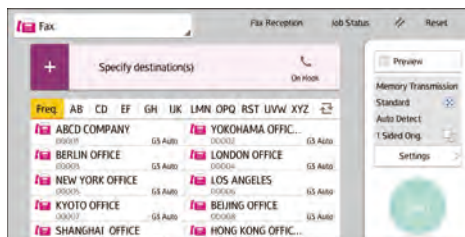
About how to use the application's screen, see page 67 "[Fax] Screen".

## Canceling a Transmission After the Original Is Scanned

Use this procedure to cancel a transmission after the original is scanned.

You can cancel transmission of a file while the file is being sent, stored in memory, or if it fails to transmit. All the scanned data is deleted from memory.

### When Using the Fax Application



About how to use the application's screen, see page 67 "[Fax] Screen".

# Storing a Document

You can store and send a document at the same time. You can also just store a document.

The following information can be set for the stored documents as necessary:

## User Name

You can set this function if necessary to know who and what departments stored documents in the machine. A user name can be selected from the Address Book or entered manually.

## File Name

You can specify a name for a stored document. If you do not specify a name, scanned documents will be automatically assigned names such as "FAX0001" or "FAX0002".

## Password

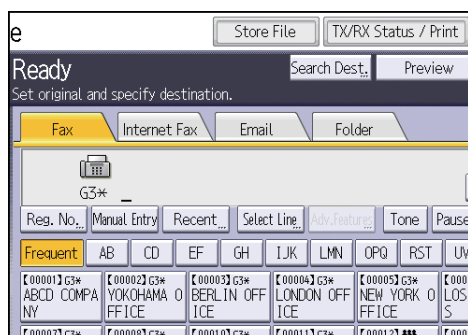
You can set this function so as not to send to unspecified people. A four to eight digit number can be specified as a password.

You can also change the file information after storing files.

### 1. Place the original, and then specify the scan settings you require.

Specify the [Original Orientation] setting correctly. If you do not, the top/bottom orientation of the original will not be displayed correctly in the preview.

### 2. Press [Store File].

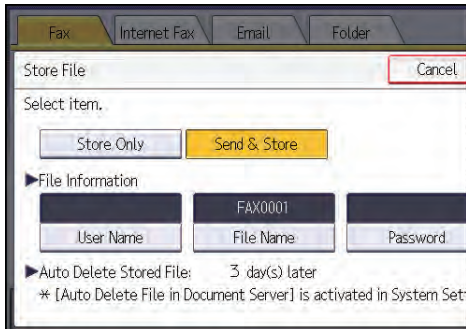


### 3. Select [Send & Store] or [Store Only].

Select [Send & Store] to send documents after they are stored.

Select [Store Only] to store documents.

#### 4. Set the user name, file name, and password as necessary.



- **User Name**  
Press [User Name], and then select a user name. To specify an unregistered user name, press [Manual Entry], and then enter the name. After specifying a user name, press [OK].
  - **File Name**  
Press [File Name], enter a file name, and then press [OK].
  - **Password**  
Press [Password], enter a password using the number keys, and then press [OK]. Re-enter the password for confirmation, and then press [OK].
5. Press [OK].
  6. If you have selected [Send & Store], specify the receiver.
  7. Press [Start].

## Sending Stored Documents

The machine sends documents stored with the facsimile function in the Document Server.

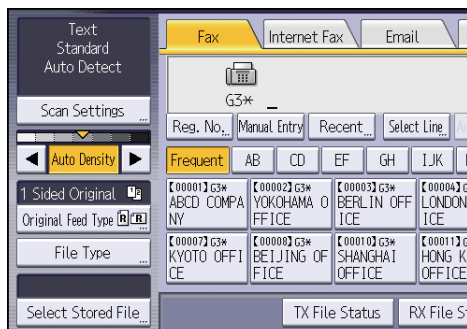
The documents stored in the Document Server can be sent again and again until they are deleted.

The stored documents are sent with the scan settings made when they were stored.

You cannot use the following transmission methods:

- Immediate Transmission
- Parallel Memory Transmission
- On Hook Dial
- Manual Dial

## 1. Press [Select Stored File].



## 2. Select the documents to be sent.

When multiple documents are selected, they are sent in the order of selection.

- Press [User Name] to place the documents in order by programmed user name.
- Press [File Name] to place the documents in alphabetical order.
- Press [Date] to place the documents in order of programmed date.
- Press [Queue] to arrange the order of the documents to be sent.

To view details about stored documents, press [Details].

Press the Thumbnails key to switch the screen to thumbnail display.

## 3. If you select a document with a password, enter the password using the number keys, and then press [OK].

## 4. When you want to add your originals to stored documents and send them all at once, press [Original + Stored File] or [Stored file + Original].

When [Original + Stored File] is pressed, the machine sends the originals, and then stored files.

When [Stored file + Original] is pressed, the machine sends the stored files, and then originals.

## 5. Press [OK].

## 6. To add an original to stored documents, place the original, and then select any scan settings you require.

## 7. Specify the destination, and then press [Start].

# Printing the Journal Manually

To print the Journal manually, select the printing method: [All], [Print per File No.], or [Print per User].

## All

Prints the results of communications in the order made.

## Print per File No.

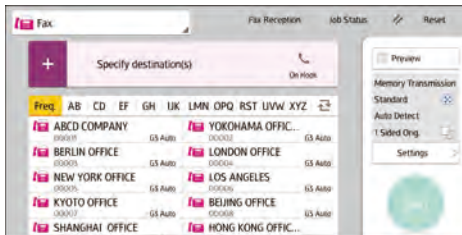
Prints only the results of communications specified by file number.

## Print per User

Prints the results of communications by individual senders.

4

## When Using the Fax Application



About how to use the application's screen, see page 67 "[Fax] Screen".

# 5. Print

This chapter describes frequently used printer functions and operations. For information not included in this chapter, see Print available on our website.

## Quick Install

You can install the printer drivers easily from the CD-ROM provided with this machine.

Using Quick Install, the PCL 6 printer driver is installed under network environment, and the Standard TCP/IP port will be set.

### ★ Important

- **Manage Printers permission is required to install the drivers. Log on as an Administrators group member.**

1. Click [Quick Install] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Click [Next >].
4. Select the machine model you want to use in the [Select Printer] dialog box.
5. Click [Install].
6. When the port setting screen appears, specify a port.
7. Configure the user code, default printer, and shared printer as necessary.
8. Click [Continue].

The installation starts.

9. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

10. Click [Exit] in the first window of the installer, and then take out the CD-ROM.

## Displaying the Printer Driver Properties

This section explains how to open the printer driver properties from [Devices and Printers].

### ★ Important

- **Manage Printers permission is required to change the printer settings. Log on as an Administrators group member.**
  - **You cannot change the machine default settings for individual users. Settings made in the printer properties dialog box are applied to all users.**
1. On the [Start] menu, click [Devices and Printers].
  2. Right-click the icon of the printer you want to use.
  3. Click [Printer properties].



# Standard Printing

## ★ Important

- Duplex printing is selected as the default setting. If you want to print on only one side, select [Off] for the two-sided printing setting.
- If you send a print job via USB 2.0 while the machine is in Low Power mode or Sleep mode, an error message might appear when the print job is complete. In this case, check if the document was printed.

## When Using the PCL 6 Printer Driver

1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. Select the [Frequently Used Settings] tab.
5. In the "Job Type:" list, select [Normal Print].
6. In the "Document Size:" list, select the size of the original to be printed.
7. In the "Orientation" area, select [Portrait] or [Landscape] as the orientation of the original.
8. In the "Paper Type:" list, select the type of paper that is loaded in the paper tray.
9. In the "Input Tray:" list, select the paper tray that contains the paper you want to print onto.

If you select [Auto Tray Select] in the "Input Tray:" list, the paper tray is automatically selected according to the paper size and type specified.

10. If you want to print multiple copies, specify a number of sets in the "Copies:" box.
11. Click [OK].
12. Start printing from the application's [Print] dialog box.

## Printing on Both Sides of Sheets

This section explains how to print on both sides of each page using the printer driver.

### ★ Important

- The paper types that can be printed on both sides are as follows:
- Plain 1 (60–74 g/m<sup>2</sup>), Plain 2 (75–81 g/m<sup>2</sup>), Recycled, Special 1, Special 2, Special 3, Middle Thick (82–105 g/m<sup>2</sup>), Thick 1 (106–169 g/m<sup>2</sup>), Thick 2 (170–220 g/m<sup>2</sup>), Thick 3 (221–256 g/m<sup>2</sup>), Thin (52–59 g/m<sup>2</sup>), Color, Letterhead, Preprinted, Bond, Cardstock

### When Using the PCL 6 Printer Driver





1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. Click the [Frequently Used Settings] tab.

You can also click the [Detailed Settings] tab, and then click [2 Sided/Layout/Booklet] in the "Menu:" box.

5. Select the method for binding the output pages in the "2 sided:" list.
6. Change any other print settings if necessary.
7. Click [OK].
8. Start printing from the application's [Print] dialog box.

### Types of Two-sided Printing

You can select which way the bound pages open by specifying which edge to bind.

Orientation	Open to Left	Open to Top
Portrait		
Landscape		

# Combining Multiple Pages into Single Page

This section explains how to print multiple pages onto a single sheet. The combine printing function allows you to economize on paper by printing multiple sheets at reduced size onto a single sheet.

## When Using the PCL 6 Printer Driver

1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. Click the [Frequently Used Settings] tab.

You can also click the [Detailed Settings] tab, and then click [2 Sided/Layout/Booklet] in the "Menu:" box.

5. Select the combination pattern in the "Layout:" list, and then specify the method for combining pages in the "Page Order:" list.

To draw a border line around each page, select the [Draw Frame Border] check box in [2 Sided/Layout/Booklet] in the [Detailed Settings] tab.

6. Change any other print settings if necessary.
7. Click [OK].
8. Start printing from the application's [Print] dialog box.

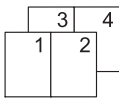
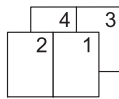
5

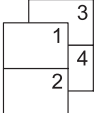
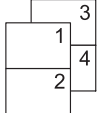
## Types of Combine Printing

This function allows you to print 2, 4, 6, 9, or 16 pages at reduced size onto a single sheet and to specify a page ordering pattern for the combination. When combining 4 or more pages onto a single sheet of paper, four patterns are available.

The following illustrations show example page ordering patterns for 2- and 4-page combinations.

### 2 Pages per Sheet

Orientation	From Left to Right/Top to Bottom	From Right to Left/Top to Bottom
Portrait		

Orientation	From Left to Right/Top to Bottom	From Right to Left/Top to Bottom
Landscape		





#### 4 Pages per Sheet

Right, then Down	Down, then Right	Left, then Down	Down, then Left																
<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </table>	1	2	3	4	<table border="1"> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>4</td></tr> </table>	1	3	2	4	<table border="1"> <tr><td>2</td><td>1</td></tr> <tr><td>4</td><td>3</td></tr> </table>	2	1	4	3	<table border="1"> <tr><td>3</td><td>1</td></tr> <tr><td>4</td><td>2</td></tr> </table>	3	1	4	2
1	2																		
3	4																		
1	3																		
2	4																		
2	1																		
4	3																		
3	1																		
4	2																		

# Printing on Envelopes

Configure the paper settings appropriately using both the printer driver and the control panel.

## Configuring Envelope Settings Using the Control Panel

1. Load envelopes in the paper tray.
2. Press [Home]  at the bottom of the screen in the center.
3. Flick the screen to the left, and then press the [User Tools] icon .
4. Press [Tray Paper Settings].
5. Select the paper size setting of the paper tray in which the envelopes are loaded.
6. Select the envelope size, and then press [OK].
7. Press [▼Next].
8. Select the paper type setting of the paper tray in which the envelopes are loaded.
9. Press [Envelope] in the "Paper Type" area, and then select the appropriate item in the "Paper Thickness" area.
10. Press [OK].
11. Press [User Tools]  on the top right of the screen.
12. Press [Home]  at the bottom of the screen in the center.

5

## Printing on Envelopes Using the Printer Driver

### When using the PCL 6 printer driver

1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. In the "Document Size:" list, select the envelope size.
5. In the "Input Tray:" list, select the paper tray where the envelopes are loaded.
6. In the "Paper Type:" list, select [Envelope].
7. Change any other print settings if necessary.
8. Click [OK].
9. Start printing from the application's [Print] dialog box.

# Saving and Printing Using the Document Server

The Document Server enables you to store documents on the machine's hard disk, and allows you to edit and print them as necessary.

## ★ Important

- Do not cancel the file transfer process while the data is being sent to the Document Server. The process may not be canceled properly. If you accidentally cancel a print job, use the control panel of the machine to delete the transferred data. For details about how to delete documents that are stored in the Document Server, see "Deleting Stored Documents", Copy/ Document Server, or Web Image Monitor Help.
- Up to 3,000 files can be stored in the Document Server. New files cannot be stored when 3,000 files have already been stored. Even if less than 3,000 files are stored, new files cannot be stored when
  - The number of pages in a document exceeds 2,000.
  - The total number of stored pages in the machine and the sent data has reached 9,000 (It may be fewer depending on the print data).
  - The hard disk is full.
- Data stored in the Document Server is specified to be deleted after three days (72 hours) by the factory default. We recommend you back up the data.

You can send data created on a client computer to the Document Server.

## Storing Documents in Document Server

### ★ Important

- If the machine is not used as the Document Server, the maximum number of the documents that can be stored in the server may be less than the number described in the specification.
1. Click the menu button of the application you are using, and then click [Print].
  2. Select the printer you want to use.
  3. Click [Preferences].
  4. In the "Job Type:" list, click [Document Server].
  5. Click [Details...].
  6. Enter a user ID, file name, password, and user name as required.
  7. Specify the folder number to store the document in the "Folder Number" box.

When "0" is specified in the "Folder Number:" box, documents will be saved in the Shared folder.

8. If the folder is protected by a password, enter the password in the "Folder Password:" box.
9. Click [OK].
10. Change any other print settings if necessary.
11. Click [OK].
12. Start printing from the application's [Print] dialog box.

 **Note**

- You can print the documents stored in the Document Server using the control panel. For details, see page 147 "Printing Stored Documents".

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## Managing Documents Stored in Document Server

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You can view or delete the documents stored in the machine's Document Server using Web Image Monitor from a client computer connected to the network.

## Using the Quick Print Release Function

The quick applications that are installed on this machine allow you to operate some of the printer functions from a single screen. Using the Quick Print Release function, you can view the list of documents that are stored on the machine. From the list, any documents can be selected and printed. The print settings of the document and the date and time to send the document can be changed as well.

1. Press [Home]  at the bottom of the screen in the center.
2. Press the [Quick Print Release] icon.
3. Select the user as required.
4. If necessary, enter the password for the documents.

The list of both the documents that have not password specified, and that matches the entered password is displayed.

5



### 5. Select documents.

More than one document can be selected at one time.

You can perform the following operations on the selected documents:

- Delete  
Deletes the selected documents.
- Preview  
Shows the preview image of the first page of the document.  
No previews can be displayed when more than one document is selected.
- Print Settings  
Configures the print settings of the document.
- Manage Files  
Specifies the date and time to send the document, and the password.  
The file information cannot be modified when more than one document is selected.

### 6. Press [Print].



 **Note**

- If you change settings for [Administrator Authentication Management] or [Enhance File Protection] using an external application such as Web Image Monitor while using the Quick Print Release function, this function is terminated automatically.

# Using the Print/Scan(Memory Storage Device) Function

## ⚠ CAUTION

- Keep SD cards or USB flash memory devices out of reach of children. If a child accidentally swallows an SD card or USB flash memory device, consult a doctor immediately.

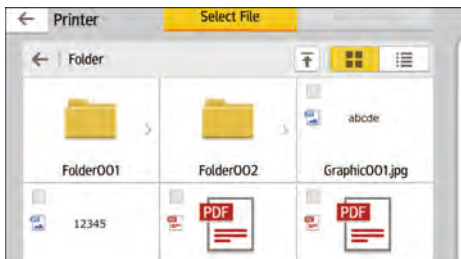
The Print/Scan(Memory Storage Device) function allows you to read and print files that are stored on a memory storage device such as an SD card or USB flash memory device. Also, you can save the scanned data on a memory storage device.

The files in the following formats can be printed using the Print/Scan(Memory Storage Device) function: JPEG, TIFF, PDF, and XPS. The scanned data can be saved in JPEG, TIFF, or PDF format.

## 5

### Printing a file in a memory storage device

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Press the [Print/Scan(Memory Storage Device)] icon.
3. Press [Print from Storage Device].
4. Insert a memory storage device in the media slot.
5. Press [USB] or [SD Card], depending on the type of the storage device.
6. Select the document to print.



You can perform the following operations on the selected document:

- Preview  
Shows the preview image of the first page of the document.
- Selected  
Displays the list of the selected documents.

7. If necessary, press [Print Settings] to change the settings such as the number of copies or duplex printing.
8. Press [Start].

## Saving the scanned data in a memory storage device

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Press the [Print/Scan(Memory Storage Device)] icon.
3. Press [Scan to Storage Device].
4. Insert a memory storage device in the media slot.
5. Press [USB] or [SD Card], depending on the type of the storage device that you are using.
6. Specify the location to save the scanned data.



7. Place the original.
8. If necessary, press [Scan Setting] to change the settings such as the file type or scan resolution.
9. To see the scanned image before saving it to a file, press [Preview].
10. Press [Start].
11. Press [Finish Scan] after scanning of the original has been completed.  
If there are more originals to be scanned, place the next original, and then press [Scan Next Original].
12. When the preview screen appears, check the scanned image, and then press [Save].

### Note

- If the file name is not specified in [Scan Setting], the scanned image is saved under the name that conforms to the following naming rules:
  - For single page format:  
Transmission date and time (YYYYMMDDHHMMSSMMM) + 4 digit serial page number (\_nnnn) + extension (.tif/.jpg/.pdf)  
For example, when you send 10-page original in jpeg format at 15:30:15.5 on Dec. 31, 2020, the file names are from "20201231153015500\_0001.jpg" to "20201231153015500\_0010.jpg".
  - For multi page format:  
Transmission date and time (YYYYMMDDHHMMSSMMM) + extension (.tif/.jpg/.pdf)

For example, when you send 10-page original in PDF format at 15:30:15.5 on Dec. 31, 2020, the file name is "20201231153015500.pdf".

- When you save scanned data to a memory storage device, use characters which correspond to the ASCII codes for the file name. If you use characters which is not correspond to the ASCII codes, the machine may not read or save the documents.
- Certain types of USB flash memory device and SD cards cannot be used.

# 6. Scan

This chapter describes frequently used scanner functions and operations. For information not included in this chapter, see Scan available on our website.

## Basic Procedure When Using Scan to Folder

### ★ Important

- Before performing this procedure, see "Preparation for Sending by Scan to Folder", Scan and confirm the details of the destination computer. See also "Registering Folders", Connecting the Machine/ System Settings, and register the address of the destination computer to the address book.

### 🔄 When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

## Creating a Shared Folder on a Computer Running Windows/Confirming a Computer's Information

The following procedures explain how to create a shared folder on a computer running Windows, and how to confirm the computer's information. In these examples, Windows 7 is the operating system, and the computer is a member in a network domain. Write down the confirmed information.

### Step 1: Confirming the user name and computer name

Confirm the user name and the name of the computer you will send scanned documents to.

1. On the [Start] menu, point to [All Programs], click [Accessories], and then click [Command Prompt].
2. Enter the command "ipconfig/all", and then press the [Enter] key.
3. Confirm the name of the computer.

The computer's name is displayed under [Host Name].

You can also confirm the IPv4 address. The address displayed under [IPv4 Address] is the IPv4 address of the computer.

**4. Enter the command "set user", and then press the [Enter] key.**

Be sure to put a space between "set" and "user".

**5. Confirm the user name.**

The user name is displayed under [USERNAME].

## Step 2: Creating a shared folder on a computer running Microsoft Windows

Create a shared destination folder in Windows and enable sharing. In the following procedure, a computer which is running under Windows 7 and participating in a domain is used as an example.

### ★ Important

- You must log in as an Administrators group member to create a shared folder.
- If "Everyone" is left selected in Step 6, the created shared folder will be accessible by all users. This is a security risk, so we recommend that you give access rights only to specific users. Use the following procedure to remove "Everyone" and specify user access rights.

1. Create a folder, just as you would create a normal folder, in a location of your choice on the computer.
2. Right-click the folder, and then click [Properties].
3. On the [Sharing] tab, click [Advanced Sharing...].
4. Select the [Share this folder] check box.
5. Click [Permissions].
6. In the [Group or user names:] list, select "Everyone", and then click [Remove].
7. Click [Add...].
8. In the [Select Users, Computers, Service Accounts, or Groups] window, click [Advanced...].
9. Specify one or more object types, select a location, and then click [Find Now].
10. From the list of results, select the groups and users you want to grant access to, and then click [OK].
11. In the [Select Users, Computers, Service Accounts, or Groups] window, click [OK].
12. In the [Group or user names:] list, select a group or user, and then, in the [Allow] column of the permissions list, select either the [Full Control] or [Change] check box.

Configure the access permissions for each group and user.


13. Click [OK].

### Step 3: Specifying access privileges for the created shared folder

If you want to specify access privileges for the created folder to allow other users or groups to access the folder, configure the folder as follows:

1. Right-click the folder created in Step 2, and then click [Properties].
2. On the [Security] tab, click [Edit...].
3. Click [Add...].
4. In the [Select Users, Computers, Service Accounts, or Groups] window, click [Advanced...].
5. Specify one or more object types, select a location, and then click [Find Now].
6. From the list of results, select the groups and users you want to grant access to, and then click [OK].
7. In the [Select Users, Computers, Service Accounts, or Groups] window, click [OK].
8. In the [Groups or user names:] list, select a group or user, and then, in the [Allow] column of the permissions list, select either the [Full Control] or [Modify] check box.
9. Click [OK].

### Registering an SMB Folder

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".  
The name entry display appears.
6. Enter the name, and then press [OK].
7. Press [▼Next].

**8. Press the key for the classification you want to use under "Select Title".**

Names	Auth. Info	Protection	Fax Dest.	
▶ Select Title				
Title 1	Frequent	AB	CD	EF GH IJK
Title 2	Frequent	1	2	3 4 5
Title 3	Frequent	1	2	

The keys you can select are as follows:

- [Frequent]: Added to the page that is displayed first.
- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

You can select [Frequent] and one more key for each title.

**9. Press [Auth. Info], and then press [▼Next].**

Names	Auth. Info	Protection	Fax Dest.	
▶ Name: ABCD COMPANY [Change]				
▶ Key Display: ABCD COMPANY [Change] ▶ Register				
▶ Display Priority: 05 [Change] 1: High - 10: Low				

**10. Press [Specify Other Auth. Info] on the right side of "Folder Authentication".**

When [Do not Specify] is selected, the SMB User Name and SMB Password that you have specified in "Default User Name / Password (Send)" of File Transfer settings are applied.

**11. Press [Change] under "Login User Name".**

**12. Enter the login user name of the destination computer, and then press [OK].**

**13. Press [Change] under "Login Password".**

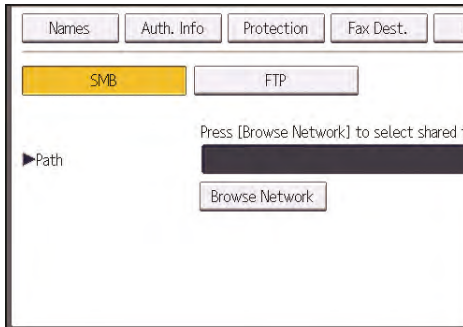
**14. Enter the password of the destination computer, and then press [OK].**

**15. Enter the password again to confirm, and then press [OK].**

**16. Press [Folder].**



### 17. Check that [SMB] is selected.



### 18. Press [Change] or [Browse Network], and then specify the folder.

To specify a folder, you can either enter the path manually or locate the folder by browsing the network.

### 19. Press [Connection Test] to check the path is set correctly.

### 20. Press [Exit].

If the connection test fails, check the settings, and then try again.

### 21. Press [OK].

### 22. Press [User Tools] (⚙️) on the top right of the screen.

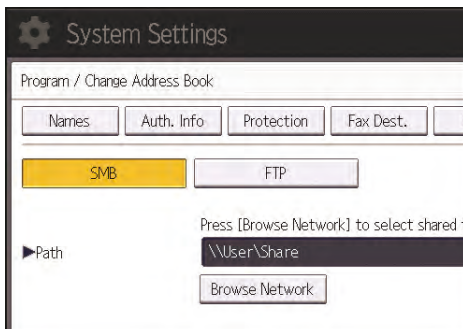
### 23. Press [Home] (🏠) at the bottom of the screen in the center.

## Locating the SMB folder manually

### 1. Press [Change] under "Path".

### 2. Enter the path where the folder is located.

For example: if the name of the destination computer is "User", and the folder name is "Share", the path will be \\User\Share.



If the network does not allow automatic obtaining of IP addresses, include the destination computer's IP address in the path. For example: if the IP address of the destination computer is "192.168.0.191", and the folder name is "Share", the path will be "\\192.168.0.191\Share".

**3. Press [OK].**

If the format of the entered path is not correct, a message appears. Press [Exit], and then enter the path again.

## Locating the SMB folder using Browse Network

**1. Press [Browse Network].**

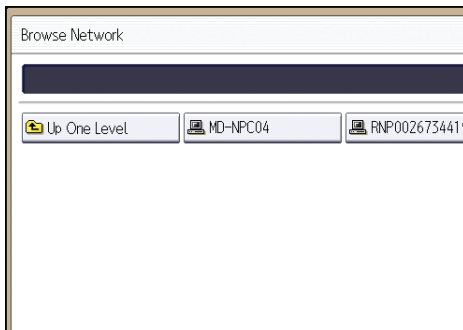
The client computers sharing the same network as the machine appear.

Network display only lists client computers you are authorized to access.

**2. Select the group that contains the destination computer.**

**3. Select the computer name of the destination computer.**

Shared folders under it appear.



You can press [Up One Level] to switch between levels.

**4. Select the folder you want to register.**

**5. Press [OK].**

## Deleting an SMB Registered Folder

**1. Press [Home]  at the bottom of the screen in the center.**

**2. Flick the screen to the left, and then press the [Address Book Management] icon.**

**3. Check that [Program / Change] is selected.**

**4. Select the name whose folder you want to delete.**

Press the name key, or enter the registered number using the number keys.

You can search by the registered name, user code, fax number, folder name, e-mail address, or IP-Fax destination.

5. Press [Folder].
6. Press the protocol which is not currently selected.  
A confirmation message appears.
7. Press [Yes].
8. Press [OK].
9. Press [User Tools] (⚙️) on the top right of the screen.
10. Press [Home] (🏠) at the bottom of the screen in the center.

## Entering the Path to the Destination Manually

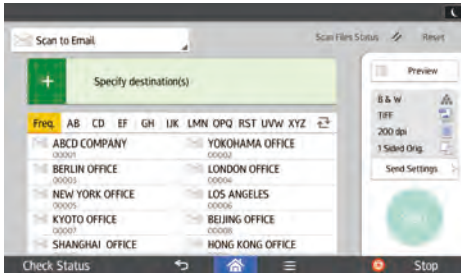
### When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

# Basic Procedure for Sending Scan Files by E-mail


## When Using the Scanner Application

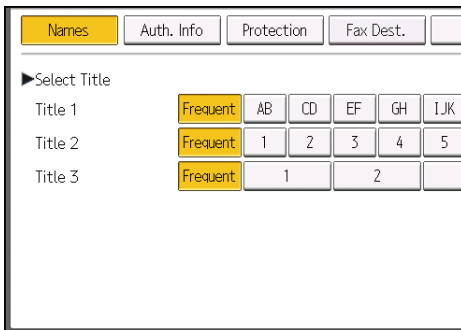


About how to use the application's screen, see page 72 "[Scanner] Screen".

## 6

### Registering an E-mail Destination

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".  
The name entry display appears.
6. Enter the name, and then press [OK].
7. Press [▼Next].
8. Press the key for the classification you want to use under "Select Title".



The keys you can select are as follows:

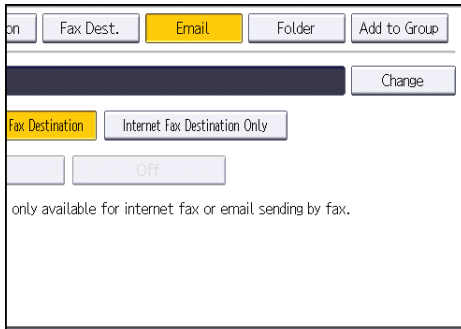
- [Frequent]: Added to the page that is displayed first.

- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

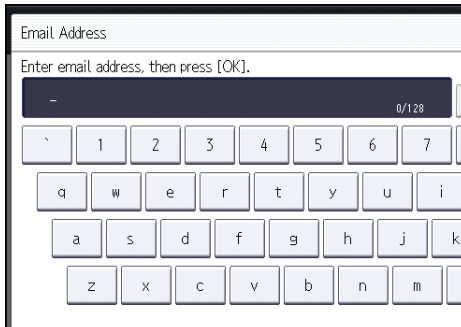
You can select [Frequent] and one more key for each title.

**9. Press [Email].**

**10. Press [Change] under "Email Address".**



**11. Enter the e-mail address, and then press [OK].**



**12. Select [Email / Internet Fax Destination] or [Internet Fax Destination Only].**

If [Email / Internet Fax Destination] is specified, registered e-mail addresses appear in both Internet fax address display and e-mail address display on the fax function screen, and in the address display on the scanner function screen.

If [Internet Fax Destination Only] is specified, registered e-mail addresses only appear in Internet fax display on the fax function screen.

**13. If you want to use Internet fax, specify whether or not to use "Send via SMTP Server".**

**14. Press [OK].**

**15. Press [User Tools] (⚙️) on the top right of the screen.**

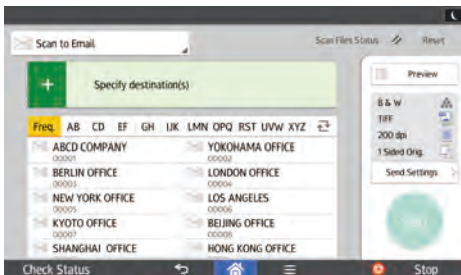
**16. Press [Home] (🏠) at the bottom of the screen in the center.**

## Deleting an E-mail Destination

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Select the name whose e-mail address you want to delete.  
Press the name key, or enter the registered number using the number keys. You can search by the registered name, user code, fax number, folder name, e-mail address, or IP-Fax destination.
5. Press [Email].
6. Press [Change] under "Email Address".
7. Press [Delete All], and then press [OK].
8. Press [OK].
9. Press [User Tools] (⚙️) on the top right of the screen.
10. Press [Home] (🏠) at the bottom of the screen in the center.

## Entering an E-mail Address Manually

### 👁️ When Using the Scanner Application




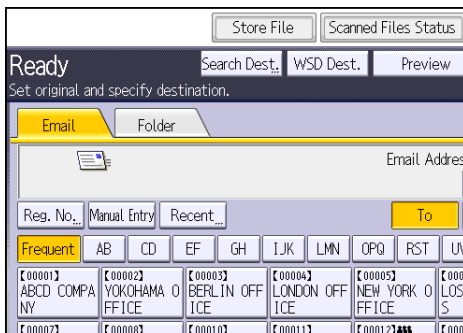
About how to use the application's screen, see page 72 "[Scanner] Screen".

# Basic Procedure for Storing Scan Files

## ★ Important

- You can specify a password for each stored file. We recommend that you protect stored files from unauthorized access by specifying passwords.
- Scan file stored in the machine may be lost if some kind of failure occurs. We advise against using the hard disk to store important files. The supplier shall not be responsible for any damage that may result from the loss of files.

- Press [Home]  at the bottom of the screen in the center.
- Press the [Scanner (Classic)] icon.
- Make sure that no previous settings remain.  
If a previous setting remains, press [Reset].
- Place originals.
- Press [Store File].



- Press [Store to HDD].
- If necessary, specify the stored file's information, such as [User Name], [File Name], [Password], and [Select Folder].

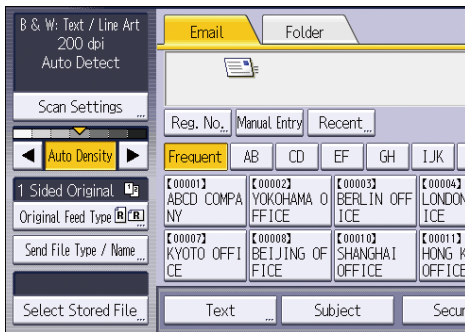
- User Name  
Press [User Name], and then select a user name. To specify an unregistered user name, press [Manual Entry], and then enter the name. After specifying a user name, press [OK].
- File Name  
Press [File Name], enter a file name, and then press [OK].
- Password  
Press [Password], enter a password, and then press [OK]. Re-enter the password for confirmation, and then press [OK].
- Select Folder  
Press [Select Folder], specify the folder in which to save the stored files, and then press [OK].

8. Press [OK].
9. If necessary, press [Scan Settings] to specify scanner settings such as resolution and scan size.
10. Press [Start].

## Checking a Stored File Selected from the List

This section explains how to preview a file selected from the list of stored files.

1. Press [Select Stored File].



2. Specify the folder in which the file you want to check is stored.
3. From the list of stored files, select the file you want to check.  
You can select more than one file.
4. Press [Preview].



# Specifying the File Type

This section explains the procedure for specifying the file type of a file you want to send.

File types can be specified when sending files by e-mail or Scan to Folder, sending stored files by e-mail or Scan to Folder, and saving files on a memory storage device.

You can select one of the following file types:

- Single Page: [TIFF / JPEG], [PDF]

If you select a single-page file type when scanning multiple originals, one file is created for each single page and the number of files sent is the same as the number of pages scanned.

- Multi-page: [TIFF], [PDF]

If you select a multi-page file type when scan multiple originals, scanned pages are combined and sent as a single file.

Selectable file types differ depending on the scan settings and other conditions. For details about file types, see "Notes about and limitations of file types", Scan.

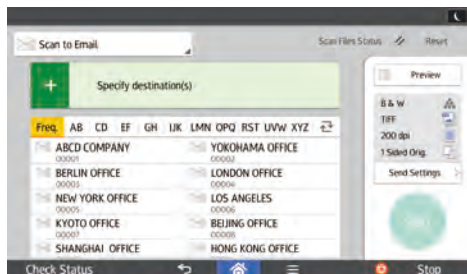
## When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

# Specifying Scan Settings

## When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

# 7. Document Server

This chapter describes frequently used Document Server functions and operations. For information not included in this chapter, see Copy/ Document Server available on our website.

## Storing Data

This section describes the procedure for storing documents on the Document Server.

### ★ Important

- A document accessed with a correct password remains selected even after operations are complete, and it can be accessed by other users. After the operation, be sure to press [Reset] to cancel the document selection.
- The user name registered to a stored document in the Document Server is to identify the document creator and type. It is not to protect confidential documents from others.
- When turning on the fax transmission or scanning by the scanner, make sure that all other operations are ended.

### File Name

A file name such as "COPY0001" and "COPY0002" is automatically attached to the scanned document. You can change the file name.


### User Name

You can register a user name to identify the user or user group that stored the documents. To assign it, select the user name registered in the Address Book, or enter the name directly. Depending on the security setting, [Access Privileges] may appear instead of [User Name].

For details about the Address Book, see "Registering Addresses and Users", Connecting the Machine/ System Settings.

### Password

To prevent unauthorized printing, you can specify a password for any stored document. A protected document can only be accessed if its password is entered. If a password is specified for the documents, the lock icon appears on the left side of the file name.

1. Press [Home]  at the bottom of the screen in the center.
2. Press the [Document Server] icon.
3. Press [To Scanning Screen].
4. Press [Target Fldr. to Store].
5. Specify a folder in which to store the document, and then press [OK].
6. Press [User Name].

**7. Specify a user name, and then press [OK].**

The user names shown are names that were registered in the Address Book. To specify a name not shown in the screen, press [Manual Entry], and then enter a user name.

**8. Press [File Name].**

**9. Enter a file name, and then press [OK].**

**10. Press [Password].**

**11. Enter a password with the number keys, and then press [OK].**

You can use four to eight digits for the password.

**12. For double-check, enter the password again, and then press [OK].**

**13. Place the original.**

**14. Specify the original scanning conditions.**

**15. Press [Start].**

The original is scanned. The document is saved in the Document Server.

After scanning, a list of folders will be displayed. If the list does not appear, press [Finish Scanning].

# Printing Stored Documents

Prints stored documents on the Document Server.

The items you can specify on the printing screen are as follows:

- Paper tray
- The number of prints
- [Finishing] ([Sort], [Rotate Sort], [Stack], [Staple], [Punch], [Half Fold: Print Outside])
- [Cover/Slip Sheet] ([Front Cover], [Front/Back Cover], [Designate/Chapter], [Slip Sheet])
- [Edit / Stamp] ([Margin Adj.], [Stamp])
- [2 Sided Copy Top to Top], [2 Sided Copy Top to Bottom], [Booklet], [Magazine]

For details about each function, see the each section.

## 1. Select a folder.

No.	Folder Name	Created Date/Time	Sel.	File
	Shared Folder			
001	User001	30 Apr. 09:30		
002	User002	30 Apr. 09:31		
003	User003	30 Apr. 09:32		
004	User004	30 Apr. 09:32		
005	User005	30 Apr. 09:33		

## 2. Select a document to be printed.

## 3. When printing two or more documents at a time, repeat Step 2.

Up to 30 documents can be printed.

## 4. When specifying printing conditions, press [To Printing Screen], and then configure print settings.

## 5. Enter the number of print copies with the number keys.

The maximum quantity that can be entered is 999.

## 6. Press [Start].



# 8. Web Image Monitor

This chapter describes frequently used Web Image Monitor functions and operations. For information not included in this chapter, see Connecting the Machine/ System Settings available on our website or Web Image Monitor Help.

## Displaying Top Page

This section explains the Top Page and how to display Web Image Monitor.

### ★ Important

- When entering an IPv4 address, do not begin segments with zeros. For example: If the address is "192.168.001.010", you must enter it as "192.168.1.10".

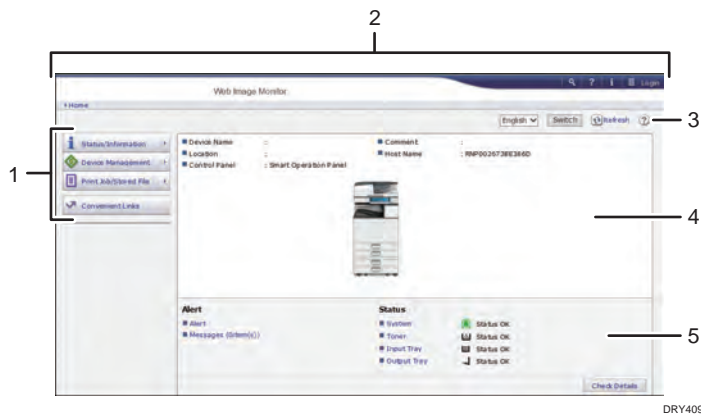
1. Start your web browser.
2. Enter "http://(machine's IP address or host name)/" in your web browser's URL bar.

Top Page of Web Image Monitor appears.

If the machine's host name has been registered on the DNS or WINS server, you can enter it.

When setting SSL, a protocol for encrypted communication, under environment which server authentication is issued, enter "https://(machine's IP address or host name)/".

Web Image Monitor is divided into the following areas:





### 1. Menu area


If you select a menu item, its content will be shown.

### 2. Header area

Display icons for the links to Help and the keyword search function. This area also displays [Login] and [Logout], which allows you to switch between the administrator and guest mode.

**3. Refresh/Help**

 (Refresh): Click  at the upper right in the work area to update the machine information. Click the web browser's [Refresh] button to refresh the entire browser screen.

 (Help): Use Help to view or download Help file contents.

**4. Basic Information area**

Display the basic information of the machine.

**5. Work area**

Display the contents of the item selected in the menu area.



# 9. Adding Paper and Toner

This chapter describes how to load paper into the paper tray and recommended paper sizes and types.

## Loading Paper

### Precautions for Loading Paper

#### CAUTION

- When loading paper, take care not to trap or injure your fingers.

#### Important

- Do not stack paper over the limit mark.

#### Note

- To prevent multiple sheets from being fed at once, fan the paper before loading it.
- If you load paper when only a few sheets of paper remain in the tray, multiple sheet feeding may occur. Remove any remaining paper, stack them with the new sheets of paper, and then fan the entire stack before loading it into the tray.
- Straighten curled or warped paper before loading.
- For details about the paper sizes and types that can be used, see page 163 "Recommended Paper Sizes and Types".
- You might at times hear a rustling noise from paper moving through the machine. This noise does not indicate a malfunction.

### Loading Paper into Paper Trays

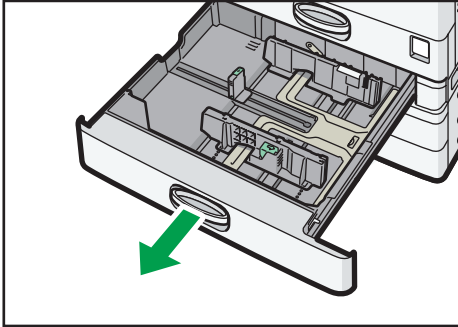
Every paper tray is loaded in the same way.

In the following example procedure, paper is loaded into Tray 2.

#### Important

- Check the paper edges are aligned at the right side.
- If a paper tray is pushed vigorously when putting it back into place, the position of the tray's side fences may slip out of place.
- When loading a low number of sheets, be sure not to squeeze the side fences in too tightly. If the side fences are squeezed too tightly against the paper, the edges may crease, thin paper may wrinkle, or the paper may misfeed.

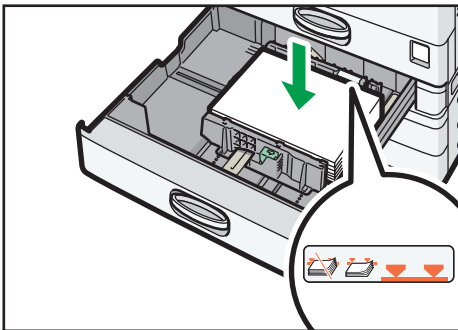
1. Check that paper in the paper tray is not being used, and then pull the tray carefully out until it stops.



DRY222

2. Square the paper and load it print side up.

Do not stack paper over the limit mark.



DRY223

3. Carefully push the paper tray fully in.

**Note**

- Various sizes of paper can be loaded in the paper trays by adjusting the positions of side fences and end fence. For details, see "Changing the Paper Size in Paper Trays", Paper Specifications and Adding Paper.
- You can load envelopes in the paper trays. When loading envelopes, place them in the correct orientation. For details, see page 171 "Envelopes".

---

## Loading Paper into the Bypass Tray

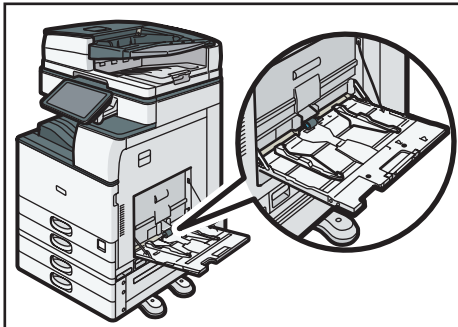
---

Use the bypass tray to use OHP transparencies, adhesive labels, translucent paper, and paper that cannot be loaded in the paper trays.

### ★ Important

- The maximum number of sheets you can load at the same time depends on paper type. Do not stack paper over the limit mark. For the maximum number of sheets you can load, see page 163 "Recommended Paper Sizes and Types".

#### 1. Open the bypass tray.

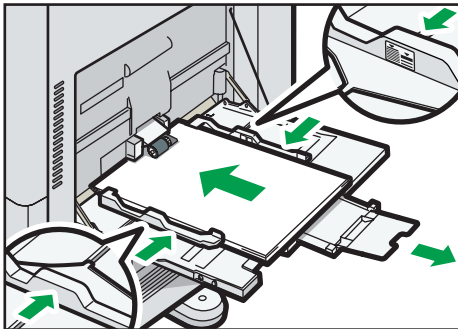


DRY214

#### 2. Load the paper face down until you hear the beep.




#### 3. Align the paper guides to the paper size.

If the guides are not flush against the paper, images might be skewed or paper misfeeds might occur.



DCG018

### ↓ Note

- When you use the bypass tray, it is recommended to load the paper in  orientation.
- Certain types of paper might not be detected properly when placed on the bypass tray. If this happens, remove the paper and place it on the bypass tray again.
- Pull the extender out when loading A4 , 8 1/2 × 11  or larger size paper in the bypass tray.
- When loading thick paper, thin paper, or OHP transparencies, specify the paper size and the paper type.
- Letterhead paper must be loaded in a specific orientation. For details, see page 159 "Loading Orientation-fixed Paper or Two-sided Paper".

- You can load envelopes into the bypass tray. Envelopes must be loaded in a specific orientation. For details, see page 171 "Envelopes".
- Specify the sizes of paper that are not automatically detected. For details about the sizes that can be detected automatically, see page 163 "Recommended Paper Sizes and Types". For details about how to specify sizes, see page 154 "Printing from the Bypass Tray Using the Printer Function" or "Copying from the Bypass Tray", Copy/ Document Server.
- When copying from the bypass tray, see "Copying from the Bypass Tray", Copy/ Document Server. When printing from a computer, see page 154 "Printing from the Bypass Tray Using the Printer Function".
- When [Notification Sound] is set to [No Sound], it does not sound if you load paper into the bypass tray. For details about [Notification Sound], see "Screen Features", Connecting the Machine/ System Settings.

---

## Printing from the Bypass Tray Using the Printer Function

---

### ★ Important



- If you select [Machine Setting(s)] in [Bypass Tray] under [Tray Setting Priority] in [System] of the Printer Features menu, the settings made using the control panel have priority over the printer driver settings. For details, see "System", Print.
- The default of [Bypass Tray] is [Machine Setting(s): Any Type].

### ↓ Note

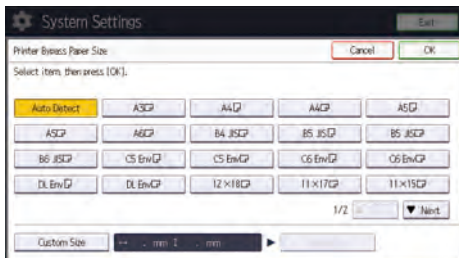
- Settings remain valid until they are changed.
- For details about setting printer drivers, see "Printing Documents", Print.
- The default of [Printer Bypass Paper Size] is [Auto Detect].

## Specifying regular sizes using the control panel

---

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [User Tools] icon .
3. Press [Tray Paper Settings].
4. Press [Printer Bypass Paper Size].

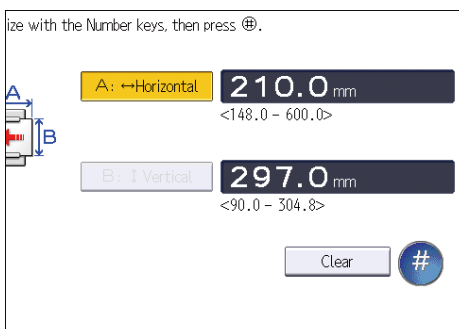
## 5. Select the paper size.



6. Press [OK].
7. Press [User Tools] (⚙️) on the top right of the screen.
8. Press [Home] (🏠) at the bottom of the screen in the center.

## Specifying a custom size paper using the control panel

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [User Tools] icon (⚙️) on.
3. Press [Tray Paper Settings].
4. Press [Printer Bypass Paper Size].
5. Press [Custom Size].
  - If a custom size is already specified, press [Change Size].
6. Press [Vertical].
7. Enter the vertical size using the number keys, and then press [#].

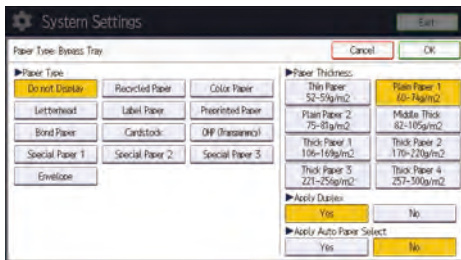


8. Press [Horizontal].
9. Enter the horizontal size using the number keys, and then press [#].
10. Press [OK] twice.
11. Press [User Tools] (⚙️) on the top right of the screen.
12. Press [Home] (🏠) at the bottom of the screen in the center.

## Specifying thick paper, thin paper, or OHP transparencies for paper type using the control panel

### ★ Important

- Use A4 or 8 1/2 × 11 size OHP transparencies, and specify their size.
  - Usually only one side of OHP transparencies can be used for printing. Be sure to load them with the print side down.
  - When printing onto OHP transparencies, remove printed sheets one by one.
1. Press [Home] at the bottom of the screen in the center.
  2. Flick the screen to the left, and then press the [User Tools] icon.
  3. Press [Tray Paper Settings].
  4. Press [Printer Bypass Paper Size], and then specify the paper size.
  5. Press [OK].
  6. Press [▼Next].
  7. Press [Paper Type: Bypass Tray].
  8. Select the proper items, according to the paper type you want to specify.
    - Press [OHP (Transparency)] on the [Paper Type] area when loading OHP transparencies.
    - To load thin or thick paper, press [Do not Display] on the [Paper Type] area, and then select the appropriate paper thickness in the [Paper Thickness] area.



9. Press [OK].
10. Press [User Tools] on the top right of the screen.
11. Press [Home] at the bottom of the screen in the center.

### ↓ Note

- We recommend that you use specified OHP transparencies.
- For details about paper thickness, see "Tray Paper Settings", Connecting the Machine/ System Settings.

## Loading Paper into Tray 3 (LCT)

 **Region A** (mainly Europe and Asia)

Tray 3 (LCT) can hold A4 paper only. If you want to print on  $8\frac{1}{2} \times 11$  paper from Tray 3 (LCT), contact your service representative.

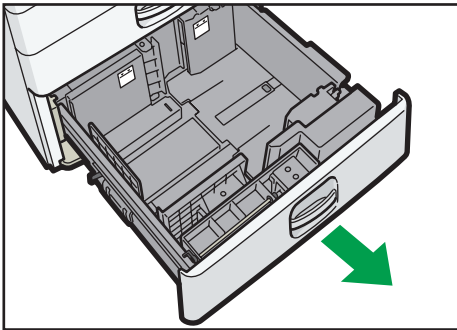
 **Region B** (mainly North America)

Tray 3 (LCT) can hold  $8\frac{1}{2} \times 11$  paper only. If you want to print on A4 paper from Tray 3 (LCT), contact your service representative.

### Important

- When paper loaded in the right side of Tray 3 (LCT) runs out, paper on the left is automatically shifted to the right. Do not pull out Tray 3 (LCT) while the tray is moving paper; wait until sounds stop coming from the tray.
- For the right stack, align the right edge of the paper with the right edge of the tray. For the left stack, align the left edge of the paper to the left edge of the tray.

1. Carefully pull out the paper tray until it stops.

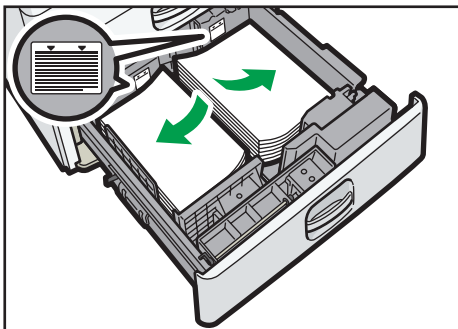


CVA017

2. Square the paper and load it print side up.

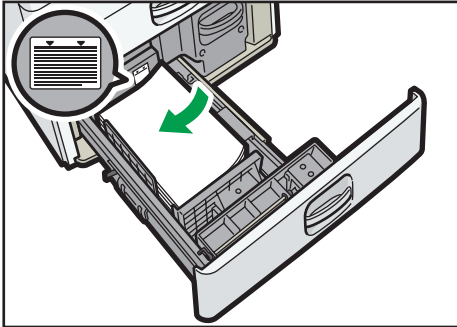
Do not stack paper over the limit mark.

- Whole tray pulled out



CVA018

- Left half of the tray pulled out



CVA019

### 3. Carefully push the paper tray fully in.

#### ↓ Note

- You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.
- Load 30 or more sheets of paper in the left half of the tray.

---

## Loading Paper into the Large Capacity Tray (LCT)

---

### 🌐 Region A (mainly Europe and Asia)

The large capacity tray (LCT) can hold A4<sup>□</sup> paper only. If you want to print on 8<sup>1</sup>/<sub>2</sub> × 11<sup>□</sup> or B5 JIS<sup>□</sup> from the large capacity tray (LCT), contact your service representative.

### 🌐 Region B (mainly North America)

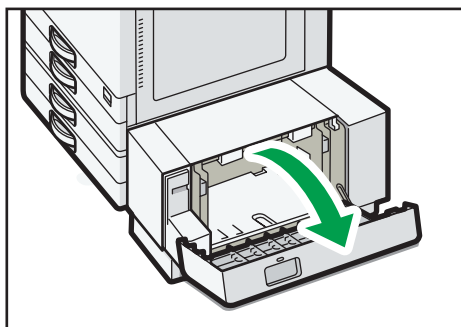
The large capacity tray (LCT) can hold 8<sup>1</sup>/<sub>2</sub> × 11<sup>□</sup> paper only. If you want to print on A4<sup>□</sup> or B5 JIS<sup>□</sup> from the large capacity tray (LCT), contact your service representative.

#### ★ Important

- Check the paper edges are aligned at the left side.



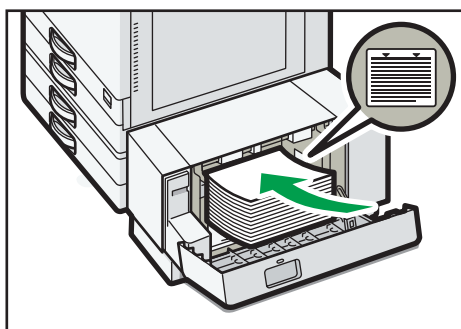
1. Check that paper in the paper tray is not being used, and then open the right cover of the large capacity tray (LCT).



DRY224

2. Load paper into the paper tray with the print side down.

Do not stack paper over the limit mark.



DRY225

3. Close the right cover of the large capacity tray (LCT).

## Loading Orientation-fixed Paper or Two-sided Paper

Orientation-fixed (top to bottom) or two-sided paper (for example, letterhead paper, punched paper, or copied paper) might not be printed correctly, depending on how the originals and paper are placed.



### Settings for the User Tools

- Copier mode  
Specify [Yes] for [Letterhead Setting] in [Input / Output] under the Copier / Document Server Features menu, and then place the original and paper as shown below.
- Printer mode  
Specify [Auto Detect] or [On (Always)] for [Letterhead Setting] in [System] under the Printer Features menu, and then place the paper as shown below.






For details about the letterhead settings, see "Input / Output", Copy/ Document Server, or "System", Print.

**Original orientation and paper orientation**

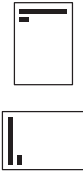


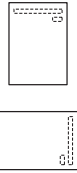
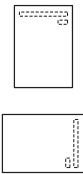



The meanings of the icons are as follows:

Icon	Meaning
	Place or load paper scanned or printed side face up.
	Place or load paper scanned or printed side face down.

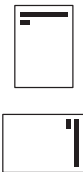


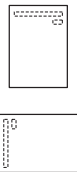
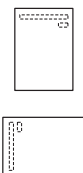


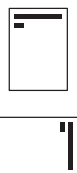
- Original orientation

Original orientation	Exposure glass	ADF
Readable orientation		
Unreadable orientation	<ul style="list-style-type: none"> <li>• Copy                              </li> <li>• Scanner                              </li> </ul>	

- Paper orientation
  - Copier mode

Copy side	Trays 1-4	Tray 3 (LCT)	Large capacity tray (LCT)	Bypass tray
One-sided				
Two-sided				

- Printer mode

Print side	Trays 1-4	Tray 3 (LCT)	Large capacity tray (LCT)	Bypass tray
One-sided				
Two-sided				

**Note**

- In copier mode:
  - For details about how to make two-sided copies, see "Duplex Copying", Copy/ Document Server.
- In printer mode:
  - To print on letterhead paper when [Auto Detect] is specified for [Letterhead Setting], you must specify [Letterhead] as the paper type in the printer driver's settings.
  - If a print job is changed partway through printing from one-sided to two-sided printing, one-sided output after the first copy may be printed facing a different direction. To ensure all

paper is output facing the same direction, specify different input trays for one-sided and two-sided printing. Note also that two-sided printing must be disabled for the tray specified for one-sided printing.

- For details about how to make two-sided prints, see "Printing on Both Sides of Sheets", Print.

# Recommended Paper



## Recommended Paper Sizes and Types





This section describes recommended paper sizes and types.

### ★ Important

- If you use paper that curls, either because it is too dry or too damp, a staple clogging or paper jam may occur.
- Do not use paper designed for inkjet printers, as these may stick to the fusing unit and cause a misfeed.
- When you load OHP transparencies, check the front and back of the sheets, and place them correctly, or a misfeed might occur.

### Trays 1–4

Paper type and weight	Paper size	Paper capacity
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	Paper sizes that can be detected automatically:  <b>Region A</b> A3, A4, A5, B4 JIS, B5 JIS, 8 1/2 × 11  <b>Region B</b> A4, A5, B5 JIS, 11 × 17, 8 1/2 × 14, 8 1/2 × 11, 7 1/4 × 10 1/2, 8 1/2 × 13 2/5	550 sheets



Paper type and weight	Paper size	Paper capacity
<p>60–300 g/m<sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4</p>	<p>Select the paper size using the Tray Paper Settings menu*<sup>1</sup>:</p> <p> <b>Region A</b></p> <p>A5□, A6□, B6 JIS□, 11 × 17□, 8<sup>1</sup>/<sub>2</sub> × 14□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>2</sub> × 11□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 13□,</p> <p>8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□□, 11 × 15□, 10 × 14□, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□</p> <p> <b>Region B</b></p> <p>A3□, A4□, A5□, A6□, B4 JIS□, B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 13□, 8 × 10□,</p> <p>7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□□, 11 × 15□, 10 × 14□</p>	<p>550 sheets</p>
<p>60–300 g/m<sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4</p>	<p>Custom size*<sup>2</sup>:</p> <p> <b>Region A</b></p> <p>Vertical: 90.0–297.0 mm Horizontal: 148.0–431.8 mm</p> <p> <b>Region B</b></p> <p>Vertical: 3.55–11.69 inches Horizontal: 5.83–17.00 inches</p>	<p>550 sheets</p>




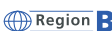
Paper type and weight	Paper size	Paper capacity
Envelopes	Select the paper size using the Tray Paper Settings menu: $4\frac{1}{8} \times 9\frac{1}{2}$ , $3\frac{7}{8} \times 7\frac{1}{2}$ , C5 Env, C6 Env, DL Env	<ul style="list-style-type: none"> <li>: 50 sheets</li> <li>:</li> </ul> Double flap: 15 sheets Single flap: 25 sheets

\*1 Adjust the supporting side fence before loading B4 JIS, A3, or  $11 \times 17$  paper into Trays 3–4.






\*2 When loading paper with a vertical length of more than 279.4 mm (11.0 inches) in Tray 1, use paper that has a horizontal width of 420 mm (16.6 inches) or less.

### Bypass tray

Paper type and weight	Paper size	Paper capacity
52–300 g/m <sup>2</sup> (14 lb. Bond–110 lb. Cover) Thin Paper–Thick Paper 4	Paper sizes that can be detected automatically:  <b>Region A</b> A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS  <b>Region B</b> A5, B5 JIS, $11 \times 17$ , $8\frac{1}{2} \times 11$ , $5\frac{1}{2} \times 8\frac{1}{2}$ , $7\frac{1}{4} \times 10\frac{1}{2}$ , $12 \times 18$	<ul style="list-style-type: none"> <li>100 sheets (up to 10 mm in height)</li> <li>Thick Paper 1: 40 sheets</li> <li>Thick Paper 2–Thick Paper 3: 20 sheets</li> <li>Thick Paper 4: 16 sheets</li> </ul>









Paper type and weight	Paper size	Paper capacity
52–300 g/m <sup>2</sup> (14 lb. Bond–110 lb. Cover) Thin Paper–Thick Paper 4	*1  <b>Region A</b> 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13□, 8 <sup>1</sup> / <sub>2</sub> × 11□□, 8 <sup>1</sup> / <sub>4</sub> × 14□, 8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 8K□, 16K□□, 12 × 18□, 11 × 15□, 10 × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □   <b>Region B</b> A3□, A4□□, A5□, A6□, B4 JIS□, B5 JIS□, B6 JIS□, 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13□, 8 <sup>1</sup> / <sub>4</sub> × 14□, 8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 8K□, 16K □□, 11 × 15□, 10 × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □	<ul style="list-style-type: none"> <li>• 100 sheets (up to 10 mm in height)</li> <li>• Thick Paper 1: 40 sheets</li> <li>• Thick Paper 2–Thick Paper 3: 20 sheets</li> <li>• Thick Paper 4: 16 sheets</li> </ul>
52–300 g/m <sup>2</sup> (14 lb. Bond–110 lb. Cover) Thin Paper–Thick Paper 4	Custom size *2:  <b>Region A</b> Vertical: 90.0–304.8 mm *3 Horizontal: 148.0–600.0 mm *4   <b>Region B</b> Vertical: 3.55–12.00 inches *3 Horizontal: 5.83–23.62 inches *4	<ul style="list-style-type: none"> <li>• 100 sheets (up to 10 mm in height)</li> <li>• Thick Paper 1: 40 sheets</li> <li>• Thick Paper 2–Thick Paper 3: 20 sheets</li> <li>• Thick Paper 4: 16 sheets</li> </ul>
OHP transparencies	A4□□, 8 <sup>1</sup> / <sub>2</sub> × 11□□	50 sheets
Translucent paper	A3□, A4□□, B4 JIS□, B5 JIS□□	1 sheet
Label paper (adhesive labels)	B4 JIS□, A4□□	30 sheets



Paper type and weight	Paper size	Paper capacity
Envelopes	*1 $4\frac{1}{8} \times 9\frac{1}{2}$  , $3\frac{7}{8} \times 7\frac{1}{2}$  , C5 Env  , C6 Env  , DL Env 	10 sheets











- \*1 Select the paper size. For copier mode, see "Copying from the Bypass Tray", Copy/ Document Server. For printer mode, see page 154 "Specifying regular sizes using the control panel".
- \*2 Enter the paper size. For copier mode, see "Copying from the Bypass Tray", Copy/ Document Server. For printer mode, see page 155 "Specifying a custom size paper using the control panel".
- \*3 When only the Internal Multi-Folding unit is installed, the vertical size range is limited to 90.0–297.0 mm (3.55–11.69 inches).
- \*4 Paper that has a horizontal length of 432 mm (17.1 inches) or more is prone to creasing, feed failures, and jamming.

### Tray 3 (LCT)

Paper type and weight	Paper size	Paper capacity
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	 Region A A4   Region B $8\frac{1}{2} \times 11$ 	1000 sheets × 2
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	*1  Region A $8\frac{1}{2} \times 11$   Region B A4 	1000 sheets × 2

- \*1 To load paper any of the sizes specified above, contact your service representative.

**Large capacity tray (LCT)**

Paper type and weight	Paper size	Paper capacity
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	 <b>Region A</b> A4   <b>Region B</b> 8 1/2 × 11 	1500 sheets
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	*1  <b>Region A</b> B5 JIS  , 8 1/2 × 11   <b>Region B</b> A4  , B5 JIS 	1500 sheets

\*1 To load paper any of the sizes specified above, contact your service representative.

**Paper Thickness**

Paper Thickness *1	Paper weight
Thin Paper *2	52–59 g/m <sup>2</sup> (14–15 lb. Bond)
Plain Paper 1	60–74 g/m <sup>2</sup> (16–20 lb. Bond)
Plain Paper 2	75–81 g/m <sup>2</sup> (20 lb. Bond)
Middle Thick	82–105 g/m <sup>2</sup> (20–28 lb. Bond)
Thick Paper 1	106–169 g/m <sup>2</sup> (28 lb. Bond–90 lb. Index)
Thick Paper 2	170–220 g/m <sup>2</sup> (65–80 lb. Cover)
Thick Paper 3	221–256 g/m <sup>2</sup> (80 lb. Cover–140 lb. Index)
Thick Paper 4	257–300 g/m <sup>2</sup> (140 lb. Index–110 lb. Cover)

\*1 Print quality will decrease if the paper you are using is close to the minimum or maximum weight. Change the paper weight setting to thinner or thicker.

\*2 Depending on the type of thin paper, the edges may crease or the paper may be misfed.

 **Note**

- Certain types of paper, such as translucent paper or OHP transparencies, may produce noise when delivered. This noise does not indicate a problem and print quality is unaffected.

- The paper capacity described in the tables above is an example. Actual paper capacity might be lower, depending on the paper type.
- When loading paper, make sure the stack height does not exceed the limit mark of the paper tray.
- If multiple sheet feeding occurs, fan sheets thoroughly or load sheets one by one from the bypass tray.
- Flatten out curled sheets before loading them.
- Depending on the paper sizes and types, the copy/print speed may be slower than usual.
- When loading thick paper of 106–300 g/m<sup>2</sup> (28 lb. Bond–110 lb. Cover), see page 170 "Thick paper".
- When loading envelopes, see page 171 "Envelopes".
- When copying or printing onto letterhead paper, the paper placing orientation is different depending on which function you are using. For details, see page 159 "Loading Orientation-fixed Paper or Two-sided Paper".
- If you load paper of the same size and same type in two or more trays, the machine automatically feeds from one of the trays in which [Yes] is selected for [Apply Auto Paper Select] when the first tray in use runs out of paper. This function is called Auto Tray Switching. This saves interrupting a copy run to replenish paper when making a large number of copies. You can specify the paper type of the paper trays under [Paper Type]. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings. For the setting procedure of the Auto Tray Switching function, see "General Features", Copy/ Document Server.
- When loading label paper:
  - We recommend that you use specified label paper.
  - It is recommended to place one sheet at a time.
  - Press [Bypass], and then select the appropriate paper thickness for [Paper Type].
- When loading OHP transparencies:
  - It is recommended to place one sheet at a time.
  - When copying onto OHP transparencies, see "Copying onto OHP Transparencies", Copy/ Document Server.
  - When printing on OHP transparencies from the computer, see page 156 "Specifying thick paper, thin paper, or OHP transparencies for paper type using the control panel".
  - Fan OHP transparencies thoroughly whenever you use them. This prevents OHP transparencies from sticking together, and from feeding incorrectly.
  - Remove copied or printed sheets one by one.
- When loading translucent paper:
  - When loading translucent paper, always use long grain paper, and set the paper direction according to the grain.

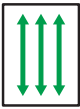
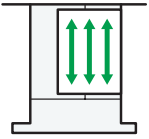
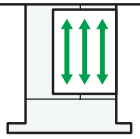
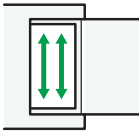
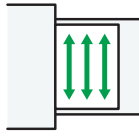

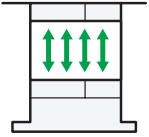
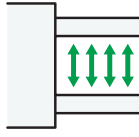
- Translucent paper easily absorbs humidity and becomes curled. Remove curl in the translucent paper before loading.
- Remove copied or printed sheets one by one.

### Thick paper

This section gives you various details about and recommendations concerning thick paper.

When loading thick paper of 106–300 g/m<sup>2</sup> (28 lb. Bond–110 lb. Cover), follow the recommendations below to prevent misfeeds and loss of image quality.

- Store all your paper in the same environment - a room where the temperature is 20–25°C (68–77°F) and the humidity is 30–65%.
- When loading paper in the paper trays, be sure to load at least 20 sheets. Also, be sure to position the side fences flush against the paper stack.
- Jams and misfeeds can occur when printing on thick smooth paper. To prevent such problems, be sure to fan smooth paper thoroughly before loading them. If paper continues to become jammed or feed in together even after they are fanned, load them one by one from the bypass tray.
- When loading thick paper, set the paper direction according to its grain, as shown in the following diagram:

Direction of paper grain	Trays 1–4	Tray 3 (LCT)	Large capacity tray (LCT)	Bypass tray
				
		Not recommended	Not recommended	

**Note**

- Select [Thick Paper 1], [Thick Paper 2], [Thick Paper 3], or [Thick Paper 4] as the paper thickness in [Tray Paper Settings].
- Even if thick paper is loaded as described above, normal operations and print quality might still not be possible, depending on the paper type.
- Prints might have prominent vertical creases.
- Prints might be noticeably curled. Flatten out prints if they are creased or curled.

## Envelopes

This section gives you various details about and recommendations concerning envelopes.


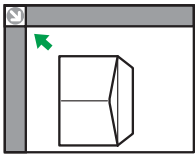
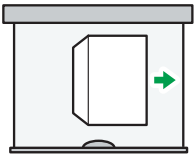
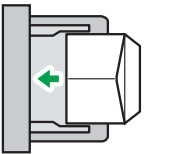
### ★ Important



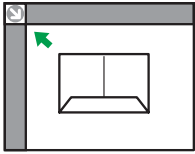
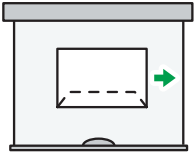
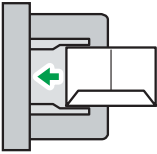
- Do not use window envelopes.
- Misfeeds might occur depending on the length and shape of the flaps.
- Only envelopes that are at least 148 mm (5.9 inches) wide and whose flaps are open can be loaded in the □ orientation.
- When loading envelopes in the □ orientation, load them with flaps fully open. Otherwise, they might not feed into the machine.
- Before loading envelopes, press down on them to remove any air from inside, flatten out all four edges. If they are bent or curled, flatten their leading edges (the edge going into the machine) by running a pencil or ruler across them.

### In copier mode

The way to load envelopes varies depending on the orientation of the envelopes. When copying onto envelopes, load them according to the applicable orientation shown below:

#### How to load envelopes

Orientation of envelopes	Exposure glass	Trays 1–4	Bypass tray
Side-opening envelopes □ 	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the left of the machine</li> <li>• Side to be scanned: face down</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the right of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the left of the machine</li> <li>• Side to be printed: face down</li> </ul>

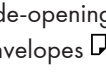

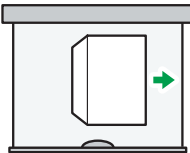
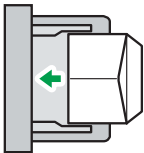
Orientation of envelopes	Exposure glass	Trays 1-4	Bypass tray
Side-opening envelopes  	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be scanned: face down</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face down</li> </ul>



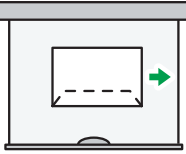
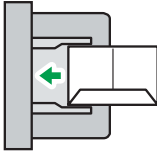
When loading envelopes, specify the envelope size and thickness. For details, see "Copying onto Envelopes", Copy/ Document Server.

**In printer mode**

The way to load envelopes varies depending on the orientation of the envelopes. When printing onto envelopes, load them according to the applicable orientation shown below:

**How to load envelopes**

Types of envelopes	Trays 1-4	Bypass tray
Side-opening envelopes  	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the right of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the left of the machine</li> <li>• Side to be printed: face down</li> </ul>

Types of envelopes	Trays 1–4	Bypass tray
<p>Side-opening envelopes </p> 	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face down</li> </ul>

When loading envelopes, select "Envelope" as the paper types using both [Tray Paper Settings] and printer driver and specify the thickness of envelopes. For details, see "Printing on Envelopes", Print.

To print on envelopes that are loaded with their short edges against the machine body, rotate the print image by 180 degrees using the printer driver.

### Recommended envelopes

For information about recommended envelopes, contact your local dealer.

For details about the sizes of envelopes you can load, see page 163 "Recommended Paper Sizes and Types".

#### Note

- Load only one size and type of envelope at a time.
- The Duplex function cannot be used with envelopes.
- To get better output quality, it is recommended that you set the right, left, top, and bottom print margin, to at least 15 mm (0.6 inches) each.
- Output quality on envelopes may be uneven if parts of an envelope have differing thicknesses. Print one or two envelopes to check print quality.
- Copied or printed sheets are delivered to the internal tray even if you specified a different tray.
- Flatten out prints if they are creased or curled.
- Check the envelopes are not damp.
- High temperature and high humidity conditions can reduce print quality and cause envelopes to become creased.
- Depending on the environment, copying or printing on envelopes may wrinkle them even if they are recommended.

- Certain types of envelopes might come out creased, dirtied, or misprinted. If you are printing a solid color on an envelope, lines may appear where the overlapped edges of the envelope make it thicker.



# Adding Toner

This section explains precautions when adding toner, how to send faxes or scanned documents when the toner has run out, and how to dispose of used toner.

## **WARNING**

- Do not incinerate toner (new or used) or toner containers. Doing so risks burns. Toner will ignite on contact with naked flame.
- Do not store toner (new or used) or toner containers anywhere near naked flames. Doing so risks fire and burns. Toner will ignite on contact with naked flame.
- Do not use a vacuum cleaner to remove spilled toner (including used toner). Absorbed toner may cause a fire or explosion due to electrical contact flickering inside the vacuum cleaner. However, it is possible to use a vacuum cleaner that is explosion-proof and dust ignition-proof. If toner is spilled on the floor, remove the spilled toner slowly using a wet cloth, so that the toner is not scattered.
- The following explains the warning messages on the plastic bag used in this product's packaging.
  - Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

## **CAUTION**

- Do not crush or squeeze toner containers. Doing so can cause toner spillage, possibly resulting in dirtying of skin, clothing, and floor, and accidental ingestion.
- Store toner (new or used), toner containers, and components that have been in contact with toner out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.
- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.

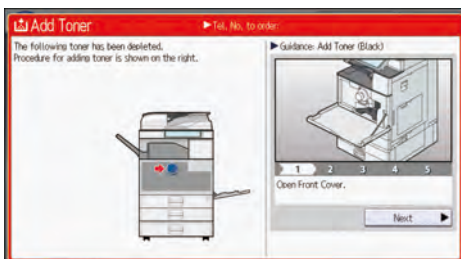
## ⚠ CAUTION

- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your clothing. If toner comes into contact with your clothing, wash the stained area with cold water. Hot water will set the toner into the fabric and make removing the stain impossible.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your skin. If toner comes into contact with your skin, wash the affected area thoroughly with soap and water.
- When replacing a toner or waste toner container or consumables with toner, make sure that the toner does not splatter. Put the waste consumables in a bag after they are removed. For consumables with a lid, make sure that the lid is shut.




## ★ Important

- Always replace the toner cartridge when a notification appears on the machine.
- Fault may occur if you use toner other than the recommended type.
- When adding toner, do not turn off the main power. If you do, settings will be lost.
- Store toner where it will not be exposed to direct sunlight, temperatures above 35°C (95°F), or high humidity.
- Store toner horizontally.
- Do not shake the toner cartridge with its mouth down after removing it. Residual toner may scatter.
- Do not repeatedly install and remove toner cartridges. This will result in toner leakage.

Follow the instruction on the screen regarding how to replace a toner cartridge.



## ↓ Note

- If "Toner Cartridge is almost empty." appears on the system message widget, the toner has almost run out. Have a replacement toner cartridge at hand.
- If  appears when there is a lot of toner, hold the cartridge with the opening upward, shake it well, and then reinstall it.
- When "No Toner" appears on the system message widget, you can check the name of the required toner and the replacement procedure using the [Add Toner] screen. To display the [Add


Toner] screen, press [Check Status], and then press [Check] in the [Mach. Status] area in the [Mach./Applic. Stat] tab.

- For details about how to check contact number where you can order supplies, see "Inquiry", Maintenance and Specifications.

## Sending Faxes or Scanned Documents When Toner Has Run Out

When the machine has run out of toner, the indicator on the display lights. Note that even if there is no toner left, you can still send faxes or scanned documents.

### ★ Important

- If number of communications executed after the toner has run out and not listed in the automatically output Journal exceeds 200, communication is not possible.
1. Press [Home]  at the bottom of the screen in the center.
  2. Press the [Fax] icon or the [Scanner] icon.
  3. Press [Exit], and then perform transmission operation.

The error message disappears.

### ↓ Note

- Any reports are not printed.

## Disposing of Used Toner

This section describes what to do with used toner.

Toner cannot be re-used.

Pack used toner containers in the container's box or a bag to prevent the toner from leaking out of the container when you dispose of it.

 **Region A** (mainly Europe and Asia)

If you want to discard your used toner container, please contact your local sales office. If you discard it by yourself, treat it as general plastic waste material.

 **Region B** (mainly North America)

Please see our local company website for information on the recycling of supply products, or you can recycle items according to the requirements of your local municipalities or private recyclers.












# 10. Troubleshooting

This chapter describes basic troubleshooting procedures.

## When a Status Icon Is Displayed

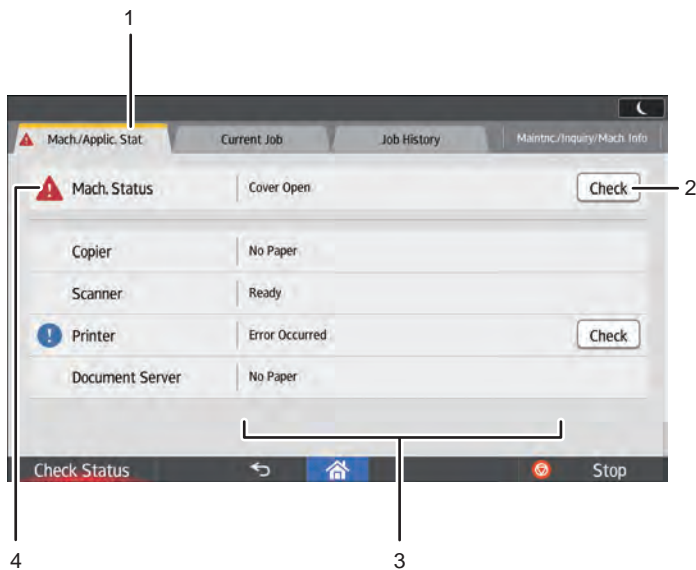
This section describes the status icons displayed when the machine requires the user to remove misfed paper, to add paper, or to perform other procedures.

Status Icon	Status
 : Paper Misfeed icon	Appears when a paper misfeed occurs. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.
 : Original Misfeed icon	Appears when an original misfeed occurs. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.
 : Load Paper icon	Appears when paper runs out. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper.
 : Add Toner icon	Appears when toner runs out. For details about adding toner, see "Adding Toner", Maintenance and Specifications.
 : Add Staple icon	Appears when staples run out. For details about adding staples, see "Adding Staples", Maintenance and Specifications.
 : Waste Toner Full icon	Appears when the waste toner bottle is full. Contact your service representative.
 : Hole Punch Receptacle Full icon	Appears when the hole punch receptacle is full. For details about removing punch waste, see "Removing Punch Waste", Troubleshooting.
 : Service Call icon	Appears when the machine is malfunctioning or requires maintenance.
 : Open Cover icon	Appears when one or more covers of the machine are open.

# When the Indicator Lamp for [Check Status] Is Lit or Flashing

If the indicator lamp for [Check Status] lights up or flashes, press [Check Status] to display the [Check Status] screen. Check the status of each function in the [Check Status] screen.

[Check Status] screen



DNK006

## 1. [Mach./Applic. Stat] tab

Indicates the status of the machine and each function.

## 2. [Check]

If an error occurs in the machine or a function, press [Check] to view details.


Pressing [Check] displays an error message or the corresponding function screen. Check the error message displayed on the function screen and take the appropriate action. For details about how to resolve the problems described in error messages, see "When Messages Appear", Troubleshooting.

## 3. Messages


Displays a message that indicates the status of the machine and each function.

## 4. Status icons

The status icons that can be displayed are described below:

: The function is performing a job.

: The machine cannot be used because an error has occurred in the machine.

: The function cannot be used because an error has occurred in the function or machine. This icon may also appear if the toner is running low.

The following table explains problems that cause the indicator lamp for [Check Status] to light or flash.

Problem	Cause	Solution
Documents and reports do not print out.	The paper output tray is full.	Remove the prints from the tray.
Documents and reports do not print out.	There is no paper left.	Load paper. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper.
An error has occurred.	A function which has the status "Error Occurred" in the [Check Status] screen is defective.	Press [Check] in the function which the error has occurred. Then read the displayed message, and take the appropriate action. For details about error messages and their solutions, see "When Messages Appear", Troubleshooting. You can use other functions normally.
The machine is unable to connect to the network.	A network error has occurred.	<ul style="list-style-type: none"> <li>• Check that the machine is correctly connected to the network and that the machine is correctly set. For details about how to connect the network, see "Connecting to the Interface", Connecting the Machine/ System Settings.</li> <li>• For details about connecting to the network, contact your administrator.</li> <li>• If the indicator lamp is still lit even after you try to solve the problem as described here, contact your service representative.</li> </ul>

## When the Machine Makes a Beeping Sound

The following table describes the meaning of the various beep patterns that the machine issues to alert users about left originals and other machine conditions.

Beep pattern	Meaning	Cause
Single short beep	Panel/screen input accepted.	A screen key was pressed.
Short, then long beep	Panel/screen input rejected.	An invalid key was pressed on the screen, or the entered password was incorrect.
Single long beep	Job completed successfully.	A Copier/Document Server Features job has finished.
2 long beeps	Machine has warmed up.	When the power is turned on or the machine exits Sleep mode, the machine has fully warmed up and is ready for use.
5 long beeps	Soft alert	An auto reset was performed through the simple screen of the Copier/Document Server function, the Facsimile function, or the Scanner function.
5 long beeps repeated four times.	Soft alert	An original has been left on the exposure glass or paper tray is empty.
5 short beeps repeated five times.	Strong alert	The machine requires user attention because paper has jammed, the toner needs replenishing, or other problems have occurred.

### ↓ Note

- Users cannot mute the machine's beep alerts. When the machine beeps to alert users of a paper jam or toner request, if the machine's covers are opened and closed repeatedly within a short space of time, the beep alert might continue, even after normal status has resumed.
- You can enable or disable beep alerts. For details about Sound, see "DEVICE", Connecting the Machine/ System Settings.



# When You Have Problems Operating the Machine

Problem	Cause	Solution
When the machine is turned on, the only icon that appears on the home screen is the [Copier] icon.	Functions other than the copier function are not yet ready.	Wait a little longer.
The machine has just been turned on and the User Tools screen is displayed, but the User Tools menu has items missing.	Functions other than the copier function are not yet ready. Time required varies by function. Functions appear in the User Tools menu when they become ready for use.	Wait a little longer.
The indicator lamp remains lit and the machine does not enter Sleep mode even though [Energy Saver] was pressed.	In some cases, the machine does not enter Sleep mode when [Energy Saver] is pressed.	Before you press [Energy Saver], check that Sleep mode can be enabled. For details about enabling Sleep mode, see "Saving Energy", Getting Started.
The display is turned off.	The machine is in Sleep mode.	Touch the display panel.
Nothing happens when the display panel is touched.	The power is turned off.	Make sure the main power indicator is off, and then turn on the power.
The power turns off automatically.	The Weekly Timer setting is set to [Main Power Off].	Change the Weekly Timer setting. For details about the Weekly Timer setting, see "Timer Settings", Connecting the Machine/ System Settings.
The user code entry screen is displayed.	Users are restricted by User Code Authentication.	For details about how to log in when User Code Authentication is enabled, see "When the Authentication Screen is Displayed", Getting Started.
The Authentication screen appears.	User Authentication is set.	See "When the Authentication Screen is Displayed", Getting Started.

Problem	Cause	Solution
An error message is still displayed, even if misfed paper is removed.	Paper is still jammed in the tray.	Remove the jammed paper by following the procedures displayed on the control panel. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.
An error message is still displayed, even if the indicated cover is closed.	One or more of the covers that are not indicated are still open.	Close all the covers of the machine.
Images are printed on the reverse side of the paper.	You may have loaded the paper incorrectly.	Load the paper correctly. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper.
Misfeeds occur frequently.	Using curled paper often causes misfeeds, soiled paper edges, or slipped positions while stack printing is performed.	<ul style="list-style-type: none"> <li>• Flatten the paper with your hands to straighten out the curl.</li> <li>• Load the paper upside down so that the curled edges face downward. For details about recommended paper, see "Recommended Paper", Paper Specifications and Adding Paper.</li> <li>• Place the cut paper on a flat surface to prevent it from curling, and do not lean it against the wall. For details about the proper way to store paper, see "Paper Storage", Paper Specifications and Adding Paper.</li> </ul>

Problem	Cause	Solution
Misfeeds occur frequently.	The tray's side or end fences may not be set properly.	<ul style="list-style-type: none"> <li>Remove the misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>Check that the side or end fences are set properly. Also, check that the side fences are locked. For details about setting the side and end fences, see "Changing the Paper Size", Paper Specifications and Adding Paper.</li> </ul>
Misfeeds occur frequently.	Paper of undetectable size has been loaded.	<ul style="list-style-type: none"> <li>Remove misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>If you load a paper size that is not selected automatically, you need to specify the paper size with the control panel. For details about specifying paper size with the control panel, see "Changing to a Size That Is Not Automatically Detected", Paper Specifications and Adding Paper.</li> </ul>
Misfeeds occur frequently.	There is a foreign object on the finisher tray.	<ul style="list-style-type: none"> <li>Remove the misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>Do not place anything on the finisher tray.</li> </ul>
Cannot print in duplex mode.	You have selected a paper tray that is not set for duplex printing.	Change the setting for "Apply Duplex" in "Tray Paper Settings" to enable duplex printing for the paper tray. For details about setting "Apply Duplex", see "Tray Paper Settings", Connecting the Machine/ System Settings.

Problem	Cause	Solution
Cannot print in duplex mode.	You have selected a paper type that cannot be used for duplex printing.	In "Tray Paper Settings", select a paper type that can be used for duplex printing. For details about setting "Paper Type", see "Tray Paper Settings", Connecting the Machine/System Settings.
Paper does not align neatly when it is output from the internal shift tray.	The paper press attached to the paper output slot of the internal shift tray is pointed towards the back or front of the tray.	Adjust the paper press so that it points in the same direction as the paper that is output.
The machine does not turn off in 6 minutes after the main power is turned off.	The machine cannot perform the shutdown procedure.	Repeat the shutdown procedure. If the machine does not turn off, contact your service representative.
An error has occurred when the Address Book is changed from the display panel or Web Image Monitor.	The Address Book cannot be changed while you delete the multiple stored documents.	Wait a while, and then retry the operation.
The Address Book cannot be changed from the display panel.	The Address Book cannot be changed while it is being backed up from Web Image Monitor or other tools running on the computer.	<ul style="list-style-type: none"> <li>• Wait until the Address Book backup is complete, and then try to change the Address Book again.</li> <li>• If an SC997 error occurs, press [Exit].</li> </ul>
Cannot use Web Image Monitor to print documents stored in Document Server.	When print volume limits are specified, users cannot print beyond their print volume limit. Print jobs selected by users who have reached their print volume limits will be canceled.	<ul style="list-style-type: none"> <li>• For details about specifying print volume limits, see "Managing Print Volume per User", Security Guide.</li> <li>• To view the status of a print job, see [Print Job History]. In Web Image Monitor, click [Job] on the [Status/Information] menu. And then click [Print Job History] in "Document Server".</li> </ul>

Problem	Cause	Solution
The function does not run or cannot be used.	If you cannot carry out your job, it may be that the machine is being used by another function.	Wait until the current job is completed before trying again.  For details about Function Compatibility, see "When Multiple Functions Cannot Be Executed Simultaneously", Troubleshooting.
The function does not run or cannot be used.	The function cannot be performed while the Address Book is being backed up from Web Image Monitor or other tools running on the computer.	Wait a while. When the Address Book backup is complete, the function will be performed.
Paper is bent.	Paper may be bent when it is ejected from the finisher upper tray.	Change the output tray to the finisher shift tray.

**Note**

- There are times when images might not turn out as you want because of paper type, paper size, or paper capacity problems. Use the recommended paper. For details about recommended paper, see page 163 "Recommended Paper Sizes and Types".

## When Multiple Functions Cannot Be Executed Simultaneously

If you cannot carry out your job, it may be that the machine is being used by another function.

Wait until the current job is completed before trying again. In certain cases, you can carry out another job using a different function while the current job is being performed.

For details about Function Compatibility, see "Function Compatibility", Copy/ Document Server.

## Messages Displayed When You Use the Copy/Document Server Function

### ★ Important

- If you cannot make copies as you want because of the paper type, paper size or paper capacity problems, use recommended paper. For details about recommended paper, see page 163 "Recommended Paper Sizes and Types".

Message	Cause	Solution
"Cannot delete the folder because it contains files with passwords. Delete the files with passwords, or please contact the file administrator."	The folder cannot be deleted because it contains a locked original.	Unlock the locked original to delete it. For details about locked files, see "Managing Stored Files", Security Guide.
"Cannot detect original size."	The original placed on the exposure glass is a non-standard size.	<ul style="list-style-type: none"> <li>• Place the original on the exposure glass again. Face the original down.</li> <li>• If the machine cannot detect the size of the original, specify the size manually - do not use Auto Paper Select mode or the Auto Reduce/Enlarge function. For details about specifying the settings, see "Sizes Detectable with Auto Paper Select", Paper Specifications and Adding Paper.</li> </ul>
"Cannot detect original size."	Original is not placed, or the original placed on the exposure glass is a non-standard size.	<ul style="list-style-type: none"> <li>• Place the original correctly.</li> <li>• Specify the paper size.</li> <li>• When placing an original directly on the exposure glass, the lifting/lowering action of the exposure glass cover or the Auto Document Feeder (ADF) triggers the automatic original size detection process. Lift the exposure glass cover or the ADF 30 degrees or more.</li> </ul>

Message	Cause	Solution
"Cannot display preview of this page."	The image data may have been corrupted.	Press [Exit] to display the preview screen without a thumbnail.  If the selected document contains several pages, press [Switch] on the "Display Page" area to change the page, and then a preview of the next page will appear.
"Cannot punch this paper size."	The Punch function cannot be used with paper size selected.	For details about paper, see "Specifications for Punch Unit (Internal Finisher SR3130)", "Specifications for Punch Unit (Finisher SR3210, Booklet Finisher SR3220)", or "Specifications for Punch Unit (Finisher SR3230, Booklet Finisher SR3240)", Maintenance and Specifications.
"Cannot staple paper of this size."	The Staple function cannot be used with paper size selected.	Select a proper paper size. For details about paper, see "Specifications for Internal Finisher SR3130", "Specifications for Finisher SR3210", "Specifications for Booklet Finisher SR3220", "Specifications for Finisher SR3230", "Specifications for Booklet Finisher SR3240", or "Specifications for Internal Finisher SR3180", Maintenance and Specifications.
"Check paper size."	An irregular paper size is set.	If you press [Start], the copy will start using the selected paper.
"Duplex is not available with this paper size."	A paper size not available in Duplex mode has been selected.	Select a proper paper size. For details about paper, see "Specifications for the Main Unit", Maintenance and Specifications.
"Exceeded the maximum number of sheets that can be used. Copying will be stopped."	The number of pages the user is permitted to copy has been exceeded.	For details about how to check the number of copies available per user, see "Managing Print Volume per User", Security Guide.

Message	Cause	Solution
"File being stored exceeded max. number of pages per file. Copying will be stopped."	The scanned originals have too many pages to store as one document.	Press [Exit], and then store again with an appropriate number of pages.
"Magazine or Booklet mode is not available due to mixed image mode."	You selected the "Magazine" or "Booklet" function for originals scanned using different functions, such as copy and printer.	Make sure originals for the "Magazine" or "Booklet" function are scanned using the same function.
"Maximum number of sets is n." ("n" is replaced by a variable.)	The number of copies exceeds the maximum copy quantity.	You can change the maximum copy quantity from [Max. Copy Quantity] in [General Features] under [Copier / Document Server Features]. For details about Max. Copy Quantity, see "General Features", Copy/ Document Server.
"Memory is full. nn originals have been scanned. Press [Print] to copy scanned originals. Do not remove remaining originals." ("n" is replaced by a variable.)	The number of scanned originals exceed the number of pages that can be stored in memory.	Press [Print] to copy scanned originals and cancel the scanning data. Press [Clear Memory] to cancel the scanning data and not copy.
"Press [Continue] to scan and copy remaining originals."	The machine checked if the remaining originals should be copied, after the scanned originals were printed.	Remove all copies, and then press [Continue] to continue copying. Press [Stop] to stop copying.
"Rotate Sort is not available with this paper size."	A size of paper for which Rotate Sort is not available is selected.	Select a proper paper size. For details about paper, see "Sort", Copy/ Document Server.



Message	Cause	Solution
"Stapling capacity exceeded."	The number of sheets per set is over the staple capacity.	Check the stapler capacity. For details about the stapler capacity, see "Specifications for Internal Finisher SR3130", "Specifications for Finisher SR3210", "Specifications for Booklet Finisher SR3220", "Specifications for Finisher SR3230", "Specifications for Booklet Finisher SR3240", or "Specifications for Internal Finisher SR3180", Maintenance and Specifications.
"The selected folder is locked. Please contact the file administrator."	An attempt was made to edit or use a locked folder.	For details about locked folders, see "Managing Folders", Security Guide.

**Note**

- If you set [Memory Full Auto Scan Restart] in [Input / Output] of User Tools to [On], even if the memory becomes full, the memory overflow message will not be displayed. The machine will make copies of the scanned originals first, and then automatically proceed to scan and to copy the remaining originals. In this case, the resulting sorted pages will not be sequential. For details about Memory Full Auto Scan Restart, see "Input / Output", Copy/ Document Server.

## Messages Displayed When You Use the Facsimile Function

Message	Cause	Solution
"Connection with the destination has failed. Check the settings."	The name of the computer or folder entered as the destination is wrong.	Check that the computer name and the folder name for the destination are correct.
"Error occurred, and transmission was cancelled."	<ul style="list-style-type: none"> <li>• Original jammed during Immediate Transmission.</li> <li>• A problem occurred in the machine, or noise occurred on the telephone line.</li> </ul>	Press [Exit], and then send the documents again.
"Functional problem occurred. Stopped processing."	The power was turned off while the machine was receiving a document by Internet Fax.	Even if you turn on the power immediately, depending on the mail server, the machine might not be able to resume receiving the Internet Fax if the timeout period has not expired. Wait until the mail server's timeout period has expired, and then resume receiving the Internet Fax. For details about receiving the Internet Fax, contact your administrator.
"Functional problems with facsimile. Data will be initialized."	There is a problem with the fax.	Record the code number shown on the screen, and then contact your service representative. Other functions can be used.
"Memory is full. Cannot scan more. Transmission will be stopped."	The memory is full.	<p>If you press [Exit], the machine returns to standby mode and starts transmitting the stored pages.</p> <p>Check the pages that have not been sent using the Communication Result Report, and then resend those pages.</p>
"Put original back, check it and press the Start key."	Original jammed during Memory Transmission.	Press [Exit], and then send the documents again.

Message	Cause	Solution
"Some page(s) are near blank."	The first page of the document is almost blank.	The original's blank side might have been scanned. Be sure to place your originals correctly. For details about determining the cause of blank pages, see "Detecting Blank Pages", Fax.

**Note**

- Settings that can be confirmed in System Settings or Fax Features on the control panel can also be confirmed from Web Image Monitor. For details about how to confirm the settings from Web Image Monitor, see Web Image Monitor Help.
- If the paper tray runs out of paper, "There is no paper. Load paper." appears on the screen, prompting you to add paper. If there is paper left in the other trays, you can receive documents as usual, even if the message appears on the screen. You can turn this function on or off with "Parameter Settings". For details about how to do this, see "Parameter Settings", Fax.

### When Network Setting Problems Occur

Message	Cause	Solution
"Check whether there are any network problems." [13-10]	The alias telephone number you entered is already registered on the gatekeeper by another device.	<ul style="list-style-type: none"> <li>• Check that the correct alias phone number is listed in [H.323 Settings] of [Fax Features]. For details about H.323 Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [13-11]	Cannot access gatekeeper.	<ul style="list-style-type: none"> <li>• Check that the correct gatekeeper address is listed in [H.323 Settings] of [Fax Features]. For details about H.323 Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
"Check whether there are any network problems." [13-17]	User name registration is refused by SIP server.	<ul style="list-style-type: none"> <li>• Correct that the correct SIP Server IP Address and SIP User Name are listed in [SIP Settings] of [Fax Features]. For details about SIP Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [13-18]	Cannot access SIP server.	<ul style="list-style-type: none"> <li>• Check that the correct SIP Server IP Address is listed in [SIP Settings] of [Fax Features]. For details about SIP Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [13-24]	The password registered for the SIP server is not the same as the password registered for this machine.	For details about network problems, contact your administrator.
"Check whether there are any network problems." [13-25]	In [Effective Protocol], the IP address is not enabled, or an incorrect IP address has been registered.	<ul style="list-style-type: none"> <li>• Check that IPv4 in [Effective Protocol] is set to "Active" in [System Settings]. For details about effective protocol, see "Interface Settings", Connecting the Machine/ System Settings.</li> <li>• Check that the correct IPv4 address is specified for the machine in [System Settings]. For details about IPv4 address, see "Interface Settings", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
<p>"Check whether there are any network problems." [13-26]</p>	<p>The "Effective Protocol" and "SIP Server IP Address" settings are different, or an incorrect IP address has been registered.</p>	<ul style="list-style-type: none"> <li>• Check that the correct IP address is specified for the machine in [System Settings]. For details about IP address, see "Interface Settings", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [14-01]</p>	<p>The DNS server, SMTP server, or folder specified for transfer to was not found, or the destination for Internet Fax around (not through) the SMTP server could not be found.</p>	<ul style="list-style-type: none"> <li>• Check that the following settings in [System Settings] are listed correctly.                             <ul style="list-style-type: none"> <li>• DNS server</li> <li>• Server name and IP address for the SMTP Server</li> </ul> <p>For details about these settings, see "Interface Settings" or "File Transfer", Connecting the Machine/ System Settings.</p> </li> <li>• Check that the folder for transfer is correctly specified.</li> <li>• Check that the computer in which the folder for transfer is specified is correctly operated.</li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about network problems, contact the administrator of the destinations.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
<p>"Check whether there are any network problems." [14-09]</p>	<p>E-mail transmission was rejected by SMTP authentication, POP before SMTP authentication, or login authentication of the computer in which the folder for transfer is specified.</p>	<ul style="list-style-type: none"> <li>• Check that User Name and Password for the following settings in [System Settings] are listed correctly. <ul style="list-style-type: none"> <li>• SMTP Authentication</li> <li>• POP before SMTP</li> <li>• Fax Email Account</li> </ul> </li> </ul> <p>For details about these settings, see "File Transfer", Connecting the Machine/ System Settings.</p> <ul style="list-style-type: none"> <li>• Check that the user ID and password for the computer with the folder for forwarding are correctly specified.</li> <li>• Check that the folder for forwarding is correctly specified.</li> <li>• Confirm that the computer with the folder for forwarding is properly working.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [14-33]</p>	<p>E-mail addresses for the machine and the administrator are not registered.</p>	<ul style="list-style-type: none"> <li>• Check that the correct e-mail Address is listed in [Fax Email Account] of [System Settings]. For details about Fax Email Account, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
"Check whether there are any network problems." [15-01]	No POP3/IMAP4 server address is registered.	<ul style="list-style-type: none"> <li>• Check that the correct Server Name or Server Address is listed in [POP3 / IMAP4 Settings] of [System Settings]. For details about POP3 / IMAP4 Settings, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [15-02]	Cannot log in to the POP3/IMAP4 server.	<ul style="list-style-type: none"> <li>• Check that the correct User Name and Password are listed in [Fax Email Account] of [System Settings]. For details about Fax Email Account, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [15-03]	No machine e-mail address is specified.	<ul style="list-style-type: none"> <li>• Check that the correct machine e-mail address is specified in [System Settings]. For details about settings of e-mail address, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
<p>"Check whether there are any network problems." [15-11]</p>	<p>Cannot find the DNS server or POP3/IMAP4 server.</p>	<ul style="list-style-type: none"> <li>• Check that the following settings in [System Settings] are listed correctly. <ul style="list-style-type: none"> <li>• IP address of the DNS Server</li> <li>• the server name or IP address of the POP3/IMAP4 server</li> <li>• the port number of the POP3/IMAP4 server</li> <li>• Reception Protocol</li> </ul> <p>For details about these settings, see "Interface Settings" or "File Transfer", Connecting the Machine/ System Settings.</p> </li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [15-12]</p>	<p>Cannot log in to the POP3/IMAP4 server.</p>	<ul style="list-style-type: none"> <li>• Check that the following settings in [System Settings] are listed correctly. <ul style="list-style-type: none"> <li>• the user name and password for [Fax Email Account]</li> <li>• the user name and password for POP before SMTP authentication</li> </ul> <p>For details about these settings, see "File Transfer", Connecting the Machine/ System Settings.</p> </li> <li>• For details about network problems, contact your administrator.</li> </ul>



Message	Cause	Solution
"Check whether there are any network problems." [16-00]	<ul style="list-style-type: none"> <li>An IP address has not been registered for the main machine.</li> <li>A network is not connected properly.</li> </ul>	<ul style="list-style-type: none"> <li>Check that the correct IP address is specified for the machine in [System Settings]. For details about the IP address of the main machine, contact your administrator.</li> <li>For details about network problems, contact your administrator.</li> </ul>

### ↓ Note

- Settings that can be confirmed in System Settings or Fax Features on the control panel can also be confirmed from Web Image Monitor. For details about how to confirm the settings from Web Image Monitor, see Web Image Monitor Help.
- If the paper tray runs out of paper, "There is no paper. Load paper." appears on the screen, prompting you to add paper. If there is paper left in the other trays, you can receive documents as usual, even if the message appears on the screen. You can turn this function on or off with "Parameter Settings". For details about how to do this, see "Parameter Settings", Fax.
- If "Check whether there are any network problems." appears, the machine is not correctly connected to the network or the settings of the machine are not correct. If you do not need to connect to a network, you can specify the setting so this message is not displayed, and then [Check Status] no longer lights up. For details about how to do this, see "Parameter Settings", Fax. If you reconnect the machine to the network, be sure to set "Display" by configuring the appropriate User Parameter.

## When the Remote Fax Function Cannot Be Used

Message	Cause	Solution
"Authentication with remote machine failed. Check remote machine's auth. settings."	User authentication on the main machine has failed.	For details about user authentication, see "Configuring User Authentication", Security Guide.
"Authentication with remote machine failed. Check remote machine's auth. settings."	User Code Authentication is set on the device connected via the remote fax function.	The remote fax function does not support User Code Authentication. Disable the User Code Authentication on the main machine.

Message	Cause	Solution
"Authentication with remote machine failed. Check remote machine's auth. settings."	The user does not have permission to use the function on the main machine.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"Connection with the remote machine has failed. Check the remote machine status."	A network error occurred while you were using the remote fax function.	<ul style="list-style-type: none"> <li>• Check that the main machine supports the remote fax function.</li> <li>• Check that the main machine is working normally.</li> <li>• Check that the correct IP address or host name is set for the main machine in [System Settings]. For details about these settings, contact your administrator.</li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Connection with the remote machine has failed. Check the remote machine status."	The main machine's power is off.	Turn on the main machine's power.
"Connection with the remote machine has failed. Check the remote machine status."	A timeout error occurred while an attempt was made to connect the device via remote fax function.	<ul style="list-style-type: none"> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• Check that the main machine is working correctly.</li> <li>• For details about connection with main machine, see "Sending/Receiving Documents Using a Remote Machine (Remote Fax)", Fax.</li> </ul>

Message	Cause	Solution
"Connection with the remote machine has failed. There is a problem with the remote machine structure. Contact the administrator."	The settings or machine configurations for using the remote fax function to connect to the main machine are incorrect.	For details about the settings and machine configurations for using the remote fax function to connect to a main machine, contact your administrator.
"Transfer error has occurred. Check the status of the remote machine."	A network error occurred during transfer.	<ul style="list-style-type: none"> <li>• Check that the correct IP address or host name is set for the main machine in [System Settings]. For details about these settings, contact your administrator.</li> <li>• Check that the main machine is working correctly.</li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about transmission, contact your administrator.</li> </ul>
"The HDD of the remote machine is full."	The hard disk became full after using the remote fax function to scan an original.	Delete unnecessary files.

## Messages Displayed When You Use the Printer Function

This section describes the principal messages that appear on the display panel, error logs or reports. If other messages appear, follow their instructions.

### Messages Displayed on the Control Panel When You Use the Printer Function

#### ★ Important

- Before turning off the power, see page 81 "Turning On/Off the Power".

Message	Cause	Solution
"Hardware Problem: Ethernet"	An error has occurred in the Ethernet interface.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Hardware Problem: HDD"	An error has occurred in the hard disk.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Hardware Problem: USB"	An error has occurred in the USB interface.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Hardware Problem: Wireless Card" (A "wireless LAN board" is referred to as a "wireless card".)	<ul style="list-style-type: none"> <li>• The wireless LAN board has malfunctioned.</li> <li>• The wireless LAN board you are using is not compatible with this machine.</li> </ul>	Turn off the power, and then confirm the wireless LAN board is inserted correctly. And then, turn on the power again. If the message appears again, contact your service representative.

Message	Cause	Solution
"Load following paper in n. To force print, select another tray and press [Continue]." ( "n" is replaced by a variable.)	The printer driver settings are incorrect or the tray does not contain paper of the size selected in the printer driver.	Check that the printer driver settings are correct, and then load paper of the size selected in the printer driver into the input tray. For details about how to change the paper size, see "Changing the Paper Size", Paper Specifications and Adding Paper.
"Paper in staple tray. Open cover and remove paper."	If printing is stopped before it is finished, paper may remain in the finisher.	Remove the paper remaining in the finisher.
"Paper size and type are mismatched. Select another tray from the following and press [Continue]. To cancel job, press [Job Reset]. Paper size and type can also be changed in User Tools."	The printer driver settings are incorrect or the tray does not contain paper of the size or type selected in the printer driver.	<ul style="list-style-type: none"> <li>• Check that the printer driver settings are correct, and then load paper of the size selected in the printer driver into the input tray. For details about how to change the paper size, see "Changing the Paper Size", Paper Specifications and Adding Paper.</li> <li>• Select the tray manually to continue printing, or cancel a print job. For details about how to select the tray manually, or cancel a print job, see "If an Error Occurs with the Specified Paper Size and Type", Print.</li> </ul>
"Paper type of n is mismatched. Select another tray from the following and press [Continue]. Paper type can also be changed in User Tools." (A tray name is placed at n.)	The type of the paper in the tray does not match the paper type specified in the printer driver.	Select a tray containing paper that is the same type as the specified paper type.

Message	Cause	Solution
"Parallel I/F board has a problem."	An error has occurred in the IEEE 1284 interface board.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Printer font error."	An error has occurred in the font settings.	Contact your service representative.
"Cannot print because both the main and designation (chapter) sheets are set to the same paper tray. Press [Job Reset] to cancel the job. To print the job again specify different trays."	The tray selected for other pages is the same as the one for slip sheets.	Reset the job. Be sure the tray you select for slip sheets is not providing paper for other pages.

### When using direct print from a memory storage device

Message	Cause	Solution
"Exceeded the limit value for total data size of the selected files. Cannot select more files."	<ul style="list-style-type: none"> <li>The size of the selected file exceeds 1 GB.</li> <li>The total size of the selected files exceeds 1 GB.</li> </ul>	<p>Files or groups of files larger than 1 GB cannot be printed.</p> <ul style="list-style-type: none"> <li>When the total size of the multiple files that are selected exceeds 1 GB, select files separately.</li> <li>When the size of the selected file exceeds 1 GB, print from a memory storage device using a function other than the Direct printing function.</li> </ul> <p>You cannot select files of different formats at the same time.</p>

Message	Cause	Solution
"Unable to access the specified memory storage device."	<ul style="list-style-type: none"> <li>An error occurred when the machine accessed the memory storage device or a file stored on the memory storage device.</li> <li>An error occurred when the user used the Direct printing function to print from a memory storage device.</li> </ul>	Save the file to a different memory storage device, and then print again.

## Messages Printed on the Error Logs or Reports When You Use the Printer Function

This section describes likely causes of and possible solutions for the error messages that are printed on the error logs or reports.

### When print jobs are canceled

Message	Cause	Solution
"91: Error"	Printing was canceled by the auto job cancel function due to a command error.	Check that the data is valid.
"BA2: Staple error occurred. The job has been cancelled."	Stapling jobs were reset because the reset conditions were met.	Check the staple quantity, and then perform the print operation again.
"BA3: An error occurred while printing a job with Background Numbering. The job has been cancelled."	A Background Numbering job was reset because the reset conditions were met.	Check the settings for Background Numbering, and then perform the print operation again.
"BT: Fold is not available with the settings. The job has been cancelled."	You specified invalid fold settings.	Check the fold settings, and then perform the print operation again.

Message	Cause	Solution
"BV: Error occurred in the Folding Unit. The job has been cancelled."	There is a problem with the fold unit.	Contact your service representative.
"BW: A function which cannot be used with Fold mode was set. The job has been cancelled."	A function that cannot be used with the Fold mode is preventing the operation.	Check the settings.
"A job via the network that was not printed exists because an error occurred. It was stored as a job not printed."	Jobs with errors were stored because an error occurred with a print job via the network while the error job storing function was enabled.	Contact your administrator to check whether the machine is connected correctly to the network. For details about how to check and print jobs stored when print configuration errors occur, see "Printing of Documents Stored When Print Configuration Errors Occur", Print.
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	You tried to store a file in the Document Server when the [Unauthorized Copy Prevention] was specified.	On the printer driver, select a job type other than [Document Server] in "Job Type:" or deselect [Unauthorized Copy Prevention].
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	The [Enter User Text:] field on the [Unauthorized Copy Prevention for Pattern Details] screen is blank.	On the printer driver's [Detailed Settings] tab, click [Effects] in "Menu:". Select [Unauthorized Copy Prevention], and then click [Details...] to display [Unauthorized Copy Prevention for Pattern Details]. Enter text in [Enter User Text:].
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	The resolution is set to a value less than 600 dpi when [Unauthorized Copy Prevention] is specified.	On the printer driver, set the resolution to 600 dpi or higher, or cancel [Unauthorized Copy Prevention].
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	In [Administrator Tools] under [System Settings], priority was specified to be given to Unauthorized Copy Prevention Printing set on this machine.	Cancel Unauthorized Copy Prevention Printing for the printer driver. For details about how to cancel the settings, see the printer driver Help.



Message	Cause	Solution
"Collate Cancelled"	Collate was canceled.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"You reach the usage limit. This job has been cancelled."	The number of pages the user is permitted to print has been exceeded.	For details about print volume use limitation, see "Managing Print Volume per User", Security Guide.
"Receiving data failed."	Data reception was aborted.	Resend the data.
"Sending data failed."	The machine received a command to stop transmission from the printer driver.	Check if the computer is working correctly.
"The selected paper size is not supported. This job has been cancelled."	Job reset is automatically performed if the specified paper size is incorrect.	Specify the correct paper size, and then print the file again.
"The selected paper type is not supported. This job has been cancelled."	Job reset is automatically performed if the specified paper type is incorrect.	Specify the correct paper type, and then print the file again.

### When there is a problem with the print settings

Message	Cause	Solution
"Booklet/Half Fold Error"	The job was canceled because you specified invalid settings for saddle stitching or half fold.	Check the settings for saddle stitching or half fold.
"Classification Code is incorrect."	The classification code has not been entered, or the classification code has been entered incorrectly.	Enter the correct classification code.
"Classification Code is incorrect."	The classification code is not supported with the printer driver.	Select [Optional] for classification code. For details about how to specify classification code settings, see "Configuring Classification Codes", Print.

Message	Cause	Solution
"Duplex Cancelled"	Duplex printing was canceled.	<ul style="list-style-type: none"> <li>• Select the proper paper size for the duplex function. For details about paper, see "Specifications for the Main Unit", Maintenance and Specifications.</li> <li>• Change the setting for "Apply Duplex" in [System Settings] to enable duplex printing for the paper tray. For details about setting "Apply Duplex", see "Tray Paper Settings", Connecting the Machine/System Settings.</li> </ul>
"Exceeded Max. Pages (Collate)"	The number of pages exceeds the maximum number of sheets that you can use Collate with.	Reduce the number of pages to print.
"Exceeded the maximum number of multi-sheet fold (Half Fold)."	The maximum number of multi-sheet folds (Half Fold) was exceeded.	For details about the maximum number of multi-sheet folds (Half Fold), see "Fold", Print.
"Output Tray Changed"	The output tray was changed because the paper size of the specified output tray is limited.	Specify the proper output tray.
"Print Overrun"	Images were discarded while printing.	Select a lower resolution on the printer driver. For details about how to change the resolution setting, see the printer driver Help.
"Punch has been cancelled."	Punch printing was canceled.	Check the paper orientation, print orientation, and then punch position. Certain settings can produce print results that might not be as expected.

Message	Cause	Solution
"Staple has been cancelled."	Stapling printing was canceled.	Check the paper orientation, paper quantity, print orientation, and staple position. Certain settings can produce print results that might not be as expected.

### When documents cannot be stored in the Document Server

Message	Cause	Solution
"Cannot store data of this size."	The paper size exceeded the capacity of the Document Server.	Reduce the paper size of the file that you want to send to a size that the Document Server can store. Custom size files can be sent but not stored afterward.
"Document Server is not available to use. Cannot store."	You cannot use the Document Server function.	For details about using Document Server function, contact your administrator.  For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"Exceeded max capacity of document server. Cannot store."	The hard disk became full after a file was stored.	Delete some of the files stored in the Document Server or reduce the size that you want to send.
"Exceeded max number of files of document server. Cannot store."	The maximum file capacity of the Document Server was exceeded.	Delete some of the files stored in the Document Server.
"Exceeded max. number of files. (Auto)"	While you were using the error job store function to store Normal Print jobs as Hold Print files, the maximum file capacity for file storage or Hold Print file management (automatic) was exceeded.	Delete Hold Print files (automatic) or unneeded files stored on the machine.

Message	Cause	Solution
"Exceeded max number of pages of document server. Cannot store."	The maximum page capacity of the Document Server was exceeded.	Delete some of the files stored in the Document Server or reduce the number of pages that you want to send.
"Exceeded max. number of pages. (Auto)"	While you were using the error job store function to store Normal Print jobs as Hold Print files, the maximum page capacity was exceeded.	Delete unneeded files stored on the machine. Reduce the number of pages to print.
"Job cancelled because capture file could not be stored: Exceeded max. memory."	The hard disk became full after a file was stored.	Delete the files stored in the Document Server or reduce the file size to be sent.
"Job cancelled because capture file could not be stored: Exceeded max. files."	The maximum file capacity of the Document Server was exceeded.	Delete the files stored in the Document Server.
"Job cancelled because capture file could not be stored: Exceeded max pages per file."	The maximum page capacity of the Document Server was exceeded.	Delete some of the files stored in the Document Server or reduce the number of pages that you want to send.
"The specified folder in Document Server is locked. Cannot store."	The specified folder is locked.	Unlock the folder or specify another folder number that can be used. For details about locked folders, see "Managing Folders", Security Guide.

### When there is not enough free hard disk space

Message	Cause	Solution
"HDD Full"	When you were printing with the PostScript 3 printer driver, the hard disk capacity for fonts and forms was exceeded.	Delete unneeded forms or fonts registered on the machine.

Message	Cause	Solution
"HDD Full"	The hard disk became full while you were printing a Sample Print, Locked Print, Hold Print, or Stored Print file.	Delete unneeded files stored on the machine. Alternatively, reduce the data size of the Sample Print, Locked Print, Hold Print, or Stored Print file.
"HDD is full. (Auto)"	The hard disk became full while you were using the error job store function to store Normal Print jobs as Hold Print files.	Delete unneeded files stored on the machine. Alternatively, reduce the data size of the Temporary Print file and/or the Stored Print file.

### When there is not enough memory

Message	Cause	Solution
"84: Error"	There is no work area available for image processing.	Decrease the number of files sent to the machine.
"92: Error"	Printing was canceled because [Job Reset] or [Stop] was selected on the machine's control panel.	Perform the print operation again if necessary.

### When there is a problem with a parameter

Message	Cause	Solution
"86: Error"	Parameters of the control code are invalid.	Check the print settings.

## When the user lacks privileges to perform an operation

Message	Cause	Solution
"B9: Address Book is currently in use by another function. Authentication has failed."	Authentication failed because the Address Book is being used by other functions.	Wait for a while, and then perform the operation again.
"No response from the server. Authentication has failed."	A timeout occurred while connection to the server was being established for LDAP authentication or Windows Authentication.	Check the status of the server.
"Printing privileges have not been set for this document."	You have no privileges to print the PDF document you tried to print.	Contact the owner of the document.
"You do not have a privilege to use this function. This job has been cancelled."	The entered login user name or login password is not correct.	Check that the user name and password are correct.
"You do not have a privilege to use this function. This job has been cancelled."	The logged in user is not allowed to use the selected function.	For details about how to set permissions, see "Configuring User Authentication", Security Guide.
"You do not have a privilege to use this function. This operation has been cancelled."	The logged in user does not have the privileges to register programs or change the paper tray settings.	For details about how to set permissions, see "Configuring User Authentication", Security Guide.

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## When a user cannot be registered

Message	Cause	Solution
"Auto-registration of user information has failed."	Automatic registration of information for LDAP Authentication or Windows Authentication failed because the Address Book is full.	For details about automatic registration of user information, see "Auto Registration to the Address Book", Security Guide.

Message	Cause	Solution
"Information for user authentication is already registered for another user."	The user name for LDAP was already registered in a different server with a different ID, and a duplication of the user name occurred due to a switching of domains (servers), etc..	For details about user authentication, see "Configuring User Authentication", Security Guide.

### When other errors occur

Message	Cause	Solution
"85: Error"	The specified graphics library is unavailable.	Check that the data is valid.
"98: Error"	The machine could not access the hard disk correctly.	Turn off the power, and then back on again. If the message appears frequently, contact your service representative.
"99: Error"	This data cannot be printed. The specified data is either corrupt or it cannot be printed from a memory storage device using the Direct printing function.	Check that the data is valid. For details about the kinds of data that can be printed from a memory storage device using the Direct printing function, see "Direct Printing from a Memory Storage Device", Print.
"BG: Z-fold error."	Z-fold was canceled.	Check the tray, paper orientation, print orientation, and fold position.

Message	Cause	Solution
"Command Error"	An RPCS command error occurred.	Check using the following procedure: <ul style="list-style-type: none"> <li>• Check if the communication between the computer and the machine is working correctly.</li> <li>• Check if the correct printer driver is being used.</li> <li>• Check if the machine's memory size is set correctly in the printer driver.</li> <li>• Check that the printer driver is the most up-to-date version available.</li> </ul>
"Compressed Data Error."	The printer detected corrupt compressed data.	<ul style="list-style-type: none"> <li>• Check the connection between the computer and the printer.</li> <li>• Check that the program you used to compress the data is functioning correctly.</li> </ul>
"Data Storage Error"	You tried to print a Sample Print, Locked Print, Hold Print, or Stored Print file, or to store a file in the Document Server when the hard disk was malfunctioning.	Contact your service representative.
"Error has occurred."	A syntax error, etc., occurred.	Check that the PDF file is valid.
"Exceeded Max. Stored Files"	While printing a Sample Print, Locked Print, Hold Print, or Stored Print file, the maximum file capacity was exceeded.	Delete unneeded files stored on the machine.
"Exceeded Max. Stored Pages"	While printing a Sample Print, Locked Print, Hold Print, or Stored Print file, the maximum page capacity was exceeded.	Delete unneeded files stored on the machine. Reduce the number of pages to print.



Message	Cause	Solution
"Failed to obtain file system."	PDF direct printing could not be performed because the file system could not be obtained.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"File system is full."	PDF file does not print out because the capacity of the file system is full.	Delete all unnecessary files from the hard disk, or decrease the file size sent to the machine.
"I/O buffer overflow."	An input buffer overflow occurred.	<ul style="list-style-type: none"> <li>• In [Printer Features], under [Host Interface], select [I/O Buffer], and then set the maximum buffer size to a larger value.</li> <li>• Reduce the number of files being sent to the machine.</li> </ul>
"Insufficient Memory"	A memory allocation error occurred.	<b>PCL 6</b> On the printer driver's [Detailed Settings] tab, click [Print Quality:Advanced] in "Menu:", and then select [Raster] in the "Vector/Raster:" list. In some cases, it will take a long time to complete a print job.
"Memory Retrieval Error"	A memory allocation error occurred.	Turn off the power and then back on again. If the message appears again, replace the RAM. For details about replacing the RAM, contact your service representative.

If printing does not start, contact your service representative.

**Note**

- The contents of errors may be printed on the Configuration Page. Check the Configuration Page in conjunction with the error log. For details about how to print the Configuration Page, see "List / Test Print", Print.

# Messages Displayed When You Use the Scanner Function

## Messages Displayed on the Control Panel When You Use the Scanner Function

This section describes likely causes of and possible solutions for the error messages that appear on the control panel. If a message not described here appears, act according to the message.

Message	Cause	Solution
"Cannot find the specified path. Please check the settings."	The destination computer name or folder name is invalid.	Check whether the computer name and the folder name for the destination are correct.
"Cannot find the specified path. Please check the settings."	An antivirus program or a firewall is preventing the machine from connecting to your computer.	<ul style="list-style-type: none"> <li>• Antivirus programs and firewalls can prevent client computers from establishing connection with this machine.</li> <li>• If you are using antivirus software, add the program to the exclusion list in the application settings. For details about how to add programs to the exclusion list, see the antivirus software Help.</li> <li>• To prevent a firewall from blocking the connection, register the machine's IP address in the firewall's IP address exclusion settings. For details about the procedure for excluding an IP address, see your operating system's Help.</li> </ul>
"Entered user code is not correct. Please re-enter."	You have entered an incorrect user code.	Check the authentication settings, and then enter a correct user code.

Message	Cause	Solution
"Exceeded max. number of alphanumeric characters for the path."	The maximum number of specifiable alphanumeric characters in a path has been exceeded.	Check the maximum number of characters which can be entered, and then enter it again. For details about the maximum enterable number of characters, see "Values of Various Set Items for Transmission/Storage Function", Scan.
"Exceeded max. number of alphanumeric characters."	The maximum enterable number of alphanumeric characters has been exceeded.	Check the maximum number of characters which can be entered, and then enter it again. For details about the maximum enterable number of characters, see "Values of Various Set Items for Transmission/Storage Function", Scan.
"Exceeded the maximum number of OCR jobs that can be on standby for storing, please wait. Try again after storing of the current job has completed."	The maximum allowable number of jobs on standby was exceeded because large quantities of documents were stored by the OCR function.	Up to 100 jobs can be placed on standby by the OCR function. Scan the next document after the current jobs have finished being stored.
"File types have been automatically set for some files because multiple files were selected."	If there are selected stored documents which cannot be converted to a specified file format, those documents are automatically converted to a convertible format before they are transmitted.	For details about the file formats used to transmit stored documents, see "Sending a Stored File", Scan.
"Programmed. Cannot program the destination(s) that is not programmed in the address book."	The destinations that were selected while registered to the program contain a folder destination for which one of the following destinations is set:  manually entered destination, WSD destination, or DSM destination	WSD destinations and DSM destinations cannot be registered to the program because they cannot be registered in the address book. For manually entered destinations, register the destinations in the address book, and then try to register them to the program again.

Message	Cause	Solution
"Scanner journal is full. Please check Scanner Features."	"Print & Delete Scanner Journal" in [Scanner Features] is set to [Do not Print: Disable Send], and Scanner Journal is full.	Print or delete Scanner Journal. For details about Scanner Features, see "General Settings", Scan.
"The entered file name contains invalid character(s). Enter the file name again using any of the following 1 byte characters. "0 to 9", "A to Z", "a to z", ". - _""	The file name contains a character that cannot be used.	<ul style="list-style-type: none"> <li>• Check the file name set at the time of scanning. For details about characters that can be used in file names, see "Specifying the File Name", Scan.</li> <li>• Check the file name specified at the time of scanning. The file name specified in the Sending Scan Files to Folders function cannot contain the following characters:  <math>\backslash / : * ? " &lt; &gt;  </math>            The file name cannot start or end with a period ".".</li> </ul>
"The program is recalled. Cannot recall the destination(s) for which access privileges are required."	The currently logged-in user does not have permission to view the destination that was registered in the program.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"The program is recalled. Cannot recall the destination(s) that is deleted from the address book."	The destination stored in the program could not be recalled because it was deleted from the address book.	Enter the destination directly to send data separately.
"The program is recalled. Cannot recall the folder destination(s) with protection code(s)."	The folder destinations for which the protection code was set were registered in the program.	A destination for which the protection code is set cannot be recalled by the program. Cancel the protection code setting or send scanned files to the destination separately.

## When documents cannot be scanned properly

Message	Cause	Solution
"All the pages are detected as blank. No file was created."	No PDF file was created because all the pages of the scanned original were detected as blank when [On] is specified for [Delete Blank Page] in [OCR Settings].	Check whether the original is set upside down.  Change [OCR Scanned PDF: Blank Page Sensitivity] in [Scanner Features] to "Sensitivity Level 1".
"Check original's orientation."	Originals may sometimes not be scanned depending on a combination of items such as the specified scaling factor and document size.	Change the orientation of the original, and then scan the original again.
"Exceeded max. data capacity." "Check scanning resolution, then press Start key again."	The scanned data exceeded maximum data capacity.	Specify the scan size and resolution again. Note that it may not be possible to scan very large originals at a high resolution. For details about the settings for the scanner function, see "Relationship between Resolution and Scan Size", Scan.
"Exceeded max. data capacity." "Check the scanning resolution, then reset n original(s)." ( "n" in the message represents a variable.)	The scanned original exceeded maximum data capacity.	Specify the scan size and resolution again. Note that it may not be possible to scan very large originals at a high resolution. For details about the settings for the scanner function, see "Relationship between Resolution and Scan Size", Scan.
"Exceeded max. data capacity." "Check the resolution and the ratio and then press the Start key again."	The data being scanned is too large for the scale ratio specified in [Specify Size].	Reduce the resolution or [Specify Size] value, and then scan the original again.

Message	Cause	Solution
"Exceeded max. number of files which can be used in Document Server at the same time."	The maximum number of files that can be stored in the Document Server has been exceeded.	Check the files stored by the other functions, and then delete unneeded files. For details about how to delete files, see "Deleting Stored Documents", Copy/ Document Server.
"Not all of the image will be scanned." "Check the ratio and then press the Start key again."	If the scaling factor specified in "Specify Reproduction Ratio" is too large, part of the image may be lost.	Reduce the scaling factor in "Specify Reproduction Ratio", and then try to scan the original again.  If displaying the entire image is not necessary, press [Start] to start scanning with the current scaling factor.
"Not all of the image will be scanned." "Check the ratio and then press the Start key again."	Using "Specify Reproduction Ratio" to scale down a large document may cause part of the image to be lost.	Specify a large size in [Specify Size], and then scan the original again.  If displaying the entire image is not necessary, press [Start] to start scanning with the current scaling factor.
"The size of the scanned data is too small." "Check the resolution and the ratio and then press the Start key again."	The data being scanned is too small for the scale ratio specified in [Specify Size].	Specify a higher resolution or a large size in [Specify Size], and then scan the original again.

## When documents cannot be scanned because the memory is full

Message	Cause	Solution
"Memory is full. Cannot scan. The scanned data will be deleted."	Because of insufficient hard disk space, the first page could not be scanned.	Try one of the following measures: <ul style="list-style-type: none"> <li>• Wait for a while, and then retry the scan operation.</li> <li>• Reduce the scan area or scanning resolution. For details about changing scan area and scanning resolution, see "Scan Settings" of Various Scan Settings, Scan.</li> <li>• Delete unneeded stored files. For details about how to delete stored files, see "Deleting a Stored File", Scan.</li> </ul>
"Memory is full. Do you want to store scanned file?"	Because there is not enough free hard disk space in the machine for storing in the Document Server, only some of the pages could be scanned.	Specify whether or not to use the data.
"Memory is full. Scanning has been cancelled. Press [Send] to send the scanned data, or press [Cancel] to delete."	Because there is not enough free hard disk space in the machine for sending by e-mail while data is being stored in the Document Server, only some of the pages could be scanned.	Specify whether or not to use the data.

## When data transmission fails

Message	Cause	Solution
"Authentication with the destination has failed. Check settings. To check the current status, press [Scanned Files Status]."	The entered user name or password was invalid.	<ul style="list-style-type: none"> <li>• Check that the user name and password are correct.</li> <li>• Check that the ID and password for the destination folder are correct.</li> <li>• A password of 128 or more characters may not be recognized.</li> </ul>
"Exceeded max. email size. Sending email has been cancelled. Check [Max. Email Size] in Scanner Features."	The file size per page has reached the maximum e-mail size specified in [Scanner Features].	<p>Change the scanner features settings as follows:</p> <ul style="list-style-type: none"> <li>• Increase the e-mail size limit in [Max. Email Size].</li> <li>• Change the [Divide &amp; Send Email] setting to [Yes (per Page)] or [Yes (per Max. Size)]. For details about these settings, see "Send Settings", Scan.</li> </ul>
"Sending the data has failed. The data will be resent later."	A network error has occurred and a file was not sent correctly.	Wait until sending is retried automatically after the preset interval. If sending fails again, contact your administrator.
"Transmission has failed. Insufficient memory in the destination hard disk. To check the current status, press [Scanned Files Status]."	Transmission has failed. There was not enough free space on the hard disk of the SMTP server, FTP server, or client computer at the destination.	Allocate sufficient space.
"Transmission has failed. To check the current status, press [Scanned Files Status]."	While a file was being sent, a network error occurred and the file could not be sent correctly.	If the same message appears again after scanning again, the cause could be a mixed network, or network settings were changed during WSD scanner transmission. For details about network error, contact your administrator.



### When data cannot be sent because a currently used file is selected

Message	Cause	Solution
"Selected file is currently in use. File name cannot be changed."	You cannot change the name of a file whose status is "Waiting..."	Cancel transmission ("Waiting..." status cleared), and then change the file name.
"Selected file is currently in use. Password cannot be changed."	You cannot change the password of a file whose status is "Waiting..."	Cancel transmission ("Waiting..." status cleared), and then change the password.
"Selected file is currently in use. User name cannot be changed."	You cannot change the sender's name whose status is "Waiting..."	Cancel transmission ("Waiting..." status cleared), and then change the user name.
"Some of selected files are currently in use. They could not be deleted."	You cannot delete a file which is waiting to be transmitted ("Waiting..." status displayed).	Cancel transmission ("Waiting..." status cleared), and then delete the file.

### When data cannot be sent because there are too many documents or pages

Message	Cause	Solution
"Exceeded max. number of pages per file. Do you want to store the scanned pages as 1 file?"	The file being stored has exceeded the maximum number of pages for one file.	Specify whether to store the data or not. Scan the pages that were not scanned, and then store them as a new file. For details about storing files, see "Storing and Saving the Scanned Documents", Scan.
"Exceeded max. number of stored files. Cannot send the scanned data as capturing files is unavailable."	Too many files are waiting to be sent.	Try again after they have been sent.
"Exceeded max. page capacity per file. Press [Send] to send the scanned data, or press [Cancel] to delete."	The number of scanned pages exceeded the maximum page capacity.	Specify whether to send the data that has already been scanned.

Message	Cause	Solution
"Exceeded maximum number of file to store. Delete all unnecessary files."	Too many files are waiting to be sent.	Try again after they have been sent.

### When the WSD scanner function cannot be used

Message	Cause	Solution
"Cannot communicate with PC. Contact the administrator."	WSD (Device) protocol or WSD (Scanner) protocol is disabled.	For details about how to enable or disable the WSD protocol, see "Enabling and Disabling Protocols", Security Guide.
"Cannot start scanning because communication was failed."	Scan Profile is not set on the client computer.	Set Scan Profile. For details about how to do this, see "Creating a New Scan Profile", Scan.
"Cannot start scanning because communication was failed."	The [Take no action] setting has been selected on the client computer, forcing the client computer to remain inactive when it receives scan data.	Open scanner properties, click the [Events] tab, and then select [Start this program] as the computer's response when it receives scan data. For details, see your operating system's Help.
"Cannot start scanning. Check the setting(s) on the PC."	The Scan Profile might be incorrectly configured.	Check the Scan Profile configuration.

Message	Cause	Solution
"Could not send the data because the PC timed out before it was sent."	<p>A time out occurred when WSD Scanner was used. Time outs occur when too much time passes between scanning an original and sending its data. The followings are likely causes of time outs:</p> <ul style="list-style-type: none"> <li>• Too many originals per set.</li> <li>• Misfed originals.</li> <li>• Transmission of other jobs.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce the number of originals, and then scan again.</li> <li>• Remove any misfed original, and then scan again.</li> <li>• Use Scanner Journal to check there are no jobs awaiting transmission, and then scan again.</li> </ul>

### When documents cannot be stored on a memory storage device

Message	Cause	Solution
"Cannot write on the memory storage device because remaining free space is insufficient."	The memory storage device is full and scan data cannot be saved. Even if the memory storage device appears to have sufficient free space, data might not be saved if the maximum number of files that can be saved is exceeded.	<ul style="list-style-type: none"> <li>• Replace the memory storage device.</li> <li>• If the document is scanned as single-page or divided into multiple pages, data already written to the memory storage device is saved as is. Replace the memory storage device, and then press [Retry] to save the remaining data, or press [Cancel] to redo the scan.</li> </ul>
"Cannot write on the memory storage device because the device is write-protected."	The memory storage device is write-protected.	Unlock the write-protection on the memory storage device.

Message	Cause	Solution
"Cannot write on the memory storage device. Check the memory storage device and machine settings."	The memory storage device is faulty, or the file name contains a character that cannot be used.	<ul style="list-style-type: none"> <li>• Check to see if the memory storage device is defective.</li> <li>• Check the memory storage device. It might be unformatted, or its format might be incompatible with this machine.</li> <li>• Check the file name set at the time of scanning. For details about the characters that can be used in file names, see "Specifying the File Name", Scan.</li> </ul>
"Exceeded max. page capacity per file. Press [Write] to write the scanned data to the memory storage device, or press [Cancel] to delete."	The scan could not be completed because the maximum number of pages that can be scanned by this machine was exceeded during the scanned data was written to the memory storage device.	Reduce the number of documents to be written to the memory storage device, and then try again.
"Memory is full. Press [Write] to write the current scanned data to the memory storage device, or press [Cancel] to delete."	The scan could not be completed because there was insufficient hard disk memory when the scanned data was saved to the memory storage device.	Specify whether or not to save the scanned document to the memory storage device.

## Messages Displayed on the Client Computer

This section describes likely causes of and possible solutions for the main error messages displayed on the client computer when you use the TWAIN driver. If a message not described here appears, follow the instruction.

Message	Cause	Solution
"Any of Login User Name, Login Password or Driver Encryption Key is incorrect."	The entered login user name, password, or driver encryption key was invalid.	Check your login user name, login password, or driver encryption key, and then enter them correctly. For details about login user name, login password, and driver encryption key, see "Encrypting Transmitted Passwords", Security Guide.
"Authentication succeeded. However, the access privileges for scanner function has been denied."	The logged in user name does not have permissions for scanner function.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"Cannot add any more scanning mode."	The maximum number of registrable scan modes has been exceeded.	The maximum number of modes that can be stored is 100. Delete unneeded modes.
"Cannot detect the paper size of the original. Specify the scanning size."	The set original was misaligned.	<ul style="list-style-type: none"> <li>Place the original correctly.</li> <li>Specify the scan size.</li> <li>When placing an original directly on the exposure glass, the lifting/lowering action of the exposure glass cover or the Auto Document Feeder (ADF) triggers the automatic original size detection process. Lift the exposure glass cover or the ADF 30 degrees or more.</li> </ul>
"Cannot specify any more scanning area."	The maximum number of registrable scan modes has been exceeded.	The maximum number of scanning areas that can be stored is 100. Delete unneeded scanning areas.

Message	Cause	Solution
"Clear Misfeed(s) in ADF."	A paper misfeed has occurred inside the ADF.	<ul style="list-style-type: none"> <li>Remove the jammed originals, and then insert them again. For details about jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>When a misfeed occurs, replace the jammed originals.</li> <li>Check whether the originals are suitable to be scanned by the machine.</li> </ul>
"Error has occurred in the scanner driver."	An error has occurred in the driver.	<ul style="list-style-type: none"> <li>Check whether the network cable is connected correctly to the client computer.</li> <li>Check whether the Ethernet board of the client computer is recognized correctly by Windows.</li> <li>Check whether the client computer can use the TCP/IP protocol.</li> </ul>
"Error has occurred in the scanner."	The application-specified scan conditions have exceeded the setting range of the machine.	Check whether the scanning settings made with the application exceed the setting range of the machine.
"Fatal error has occurred in the scanner."	An unrecoverable machine error has occurred.	An unrecoverable machine error has occurred. Contact your service representative.
"Insufficient memory. Close all other applications, then restart scanning."	Memory is insufficient.	<ul style="list-style-type: none"> <li>Close all the unnecessary applications running on the client computer.</li> <li>Uninstall the TWAIN driver, and then reinstall it after restarting the computer.</li> </ul>

Message	Cause	Solution
"Insufficient memory. Reduce the scanning area."	Scanner memory is insufficient.	<ul style="list-style-type: none"> <li>• Reset the scan size.</li> <li>• Lower the resolution.</li> <li>• Set with no compression. For details about the settings, see TWAIN driver Help.</li> </ul> <p>The problem may be due to the following:</p> <ul style="list-style-type: none"> <li>• Scanning cannot be performed if large values are set for brightness when halftone or high resolution is used. For details about the relationship between scan settings, see "Relationship between Resolution and Scan Size", Scan.</li> <li>• If a misfeed occurs, you might not scan an original. Remove the misfeed, and then scan the original again.</li> </ul>
"Invalid Winsock version. Please use version 1.1 or higher."	You are using an invalid version of Winsock.	Install the operating system of the computer or copy Winsock from the operating system CD-ROM.
"No response from the scanner."	The machine or client computer is not connected to the network correctly.	<ul style="list-style-type: none"> <li>• Check whether the machine or client computer is connected to the network correctly.</li> <li>• Disable the client computer's own firewall. For details about firewall, see Windows Help.</li> </ul>
"No response from the scanner."	The network is crowded.	Wait for a while, and then connect to the network again.

Message	Cause	Solution
"Scanner is in use for other function. Please wait."	A function of the machine other than the Scanner function is being used such as the Copier function.	<ul style="list-style-type: none"> <li>• Wait for a while, and then connect to the network again.</li> <li>• Cancel the job that is being processed. Press [Stop]. Follow the instructions in the message that appears and exit the function that is running.</li> </ul>
"Scanner is not available on the specified device."	The TWAIN scanner function cannot be used on this machine.	Contact your service representative.
"Scanner is not ready. Check the scanner and the options."	The ADF cover is open.	Check whether the ADF cover is closed.
"The name is already in use. Check the registered names."	You tried to register a name that is already in use.	Use another name.

### When there is a problem connecting to the scanner

Message	Cause	Solution
"Cannot connect to the scanner. Check the network Access Mask settings in User Tools."	An access mask is set.	For details about an access mask, contact your administrator.
"Cannot find "XXX" scanner used for the previous scan. "YYY" will be used instead." (("XXX" and "YYY" indicate scanner names.)	The main power of the previously used scanner is not set to "On".	Check whether the main power of the scanner used for the previous scan is turned on.



Message	Cause	Solution
"Cannot find "XXX" scanner used for the previous scan. "YYY" will be used instead." ( "XXX" and "YYY" indicate scanner names.)	The machine is not connected to the network correctly.	<ul style="list-style-type: none"> <li>• Check that the previously used scanner is connected to the network correctly.</li> <li>• Cancel the personal firewall of the client computer. For details about firewall, see Windows Help.</li> <li>• Use an application such as telnet to make sure SNMPv1 or SNMPv2 is set as the machine's protocol. For details about how to check this, see "Remote Maintenance Using telnet", Connecting the Machine/ System Settings.</li> <li>• Select the scanner used for the previous scan.</li> </ul>
"Communication error has occurred on the network."	A communication error has occurred on the network.	Check whether the client computer can use the TCP/IP protocol.
"Scanner is not available. Check the scanner connection status."	The machine's power is off.	Turn on the power.
"Scanner is not available. Check the scanner connection status."	The machine is not connected to the network correctly.	<ul style="list-style-type: none"> <li>• Check whether the machine is connected to the network correctly.</li> <li>• Cancel the personal firewall function of the client computer. For details about firewall, see Windows Help.</li> <li>• Use an application such as telnet to make sure SNMPv1 or SNMPv2 is set as the machine's protocol. For details about how to check this, see "Remote Maintenance Using telnet", Connecting the Machine/ System Settings.</li> </ul>

Message	Cause	Solution
"Scanner is not available. Check the scanner connection status."	Network communication is not available because the machine's IP address could not be obtained from the host name. If only "IPv6" is set to [Active], the IPv6 address might not be obtained.	<ul style="list-style-type: none"><li>• Check whether the machine's host name is specified in the Network Connection Tool. For the WIA driver, check the [Network Connection] tab in the properties.</li><li>• Use Web Image Monitor to set "LLMNR" of "IPv6" to [Active].</li></ul>

## When Other Messages Appear

Message	Cause	Solution
"Firmware update will start. Press [OK]. It will start automatically after 30 seconds have elapsed."	Automatic firmware update is enabled and it is the time for an automatic update.	<ul style="list-style-type: none"> <li>• If you want to start the firmware update, press [OK], or configure the setting so that the automatic firmware update starts automatically in 30 seconds.</li> <li>• If you do not want to start the firmware update, press [Cancel] before 30 seconds elapse.</li> <li>• Do not turn off the power switch during the firmware update.</li> </ul>
"Cannot connect with the wireless card. Turn the main power switch off, then check the card."  (A "wireless LAN board" is referred to as a "wireless card".)	<ul style="list-style-type: none"> <li>• The wireless LAN board was not inserted when the machine was turned on.</li> <li>• The wireless LAN board was pulled out after the machine was turned on.</li> </ul> <p>The settings are not updated although the unit is detected.</p>	Turn off the power, and then check the wireless LAN board is inserted correctly. After this, turn on the power again. If the message appears again, contact your service representative.
"Failed to read the PDF file."	There is a possibility that the PDF version is not supported by the browser's PDF viewer or an unsupported encryption level is specified.	With this machine's browser PDF files other than those whose versions and encryption levels are specified below cannot be viewed. <ul style="list-style-type: none"> <li>• PDF version: 1.3-1.7</li> <li>• PDF encryption level: 128Bit AES or 256Bit AES</li> </ul>
"Clean the scanning glass. (Located next to the exposure glass.)"	The scanning glass or guide plate of the ADF is dirty.	Clean the scanning glass or guide plate. See "Maintaining Your Machine", Maintenance and Specifications.
"Following output tray is full. Remove paper."	The output tray is full.	Remove paper from the output tray to resume printing. Press [Continue] on the display panel to resume printing.

Message	Cause	Solution
"Internal cooling fan is active."	Large print runs will cause the machine's interior to heat up, triggering the cooling fan.	The fan will emit noise, but this is normal and the machine will be operable while the fan is running.  The amount of paper that can be printed and the total operation time until the fan starts running depends on the temperature of the location at which the machine is installed.
"Self checking..."	The machine is performing image adjustment operations.	The machine may perform periodic maintenance during operations. The frequency and duration of maintenance depends on the humidity, temperature, and printing factors such as number of prints, paper size, and paper type. Wait for the machine to resume operation.

### When There Is a Problem Scanning or Storing Originals

Message	Cause	Solution
"Cannot detect original size. Select scan size."	The machine failed to detect the size of the original.	<ul style="list-style-type: none"> <li>Place the original correctly.</li> <li>Specify the scan size, and then place the originals again. For details about the settings for when fax function is being used, see "Scan Settings", Fax.</li> <li>Specify the scan size, and then place the originals again.</li> <li>When placing an original directly on the exposure glass, the lifting/lowering action of the exposure glass cover or the Auto Document Feeder (ADF) triggers the automatic original size detection process. Lift the exposure glass cover or the ADF 30 degrees or more.</li> </ul>

Message	Cause	Solution
"Captured file exceeded max. number of pages per file. Cannot send the scanned data."	The maximum number of pages per file has been exceeded.	Reduce the number of pages in the transmitted file, and then resend the file. For details about the maximum number of pages per file, see "Storage Function", Scan.
"Original is being scanned by another function. Please wait."	Another function of the machine is being used.	Cancel the job in progress. Press [Exit], and then press [Stop]. Follow the instructions in the message that appears and exit the function that is running.

## When the Address Book Is Updated

Message	Cause	Solution
"Updating the destination list has failed. Try again?"	A network error has occurred.	<ul style="list-style-type: none"> <li>• Check whether the server is connected.</li> <li>• Antivirus programs and firewalls can prevent client computers from establishing connection with this machine.</li> <li>• If you are using antivirus software, add the program to the exclusion list in the application settings. For details about how to add programs to the exclusion list, see the antivirus software Help.</li> <li>• To prevent a firewall from blocking the connection, register the machine's IP address in the firewall's IP address exclusion settings. For details about the procedure for excluding an IP address, see your operating system's Help.</li> </ul>

Message	Cause	Solution
"Updating the destination list... Please wait. Specified destination(s) or sender's name has been cleared."	The destination list is being updated from the network using Web Image Monitor.	Wait until the message disappears. Do not turn off the power while this message is displayed. Depending on the number of destinations to be updated, there may be some delay before operation is resumed. Operation is not possible while this message is displayed.
"Updating the destination list... Please wait. Specified destination(s) or sender's name has been cleared."	A specified destination or sender's name was cleared when the destination list in the delivery server was updated.	Specify the destination or sender's name again.

### When Data Cannot Be Sent Due to a Problem with the Destination

Message	Cause	Solution
"Some invalid destination(s) contained. Do you want to select only valid destination(s)?"	The specified group contains either an e-mail destination and/or folder destination that is not supported by the specified transmission method.	In the message that appears at each transmission, press [Select].
"SMTP authentication email address and administrator email address mismatch."	The SMTP authentication e-mail address and the administrator's e-mail address do not match.	For details about how to set SMTP authentication, see "File Transfer", Connecting the Machine/ System Settings.

## When the Machine Cannot Be Operated Due to a Problem with the User Certificate

Message	Cause	Solution
"The destination cannot be selected because its encryption certificate is not currently valid."	The user certificate (destination certificate) has expired.	A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide.
"The group destination cannot be selected because it contains a destination with a encryption certificate that is not currently valid."	The user certificate (destination certificate) has expired.	A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide.
"Transmission cannot be performed because the encryption certificate is not currently valid."	The user certificate (destination certificate) has expired.	A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide.
"XXX cannot be YYY because the device certificate used for the S/MIME signature is not currently valid." (XXX and YYY indicate the user action.)	The device certificate (S/MIME) has expired.	A new device certificate (S/MIME) must be installed. For details about how to install a device certificate (S/MIME), see "Protecting Communication Paths via a Device Certificate", Security Guide.
"XXX cannot be YYY because there is a problem with the device certificate used for the S/MIME signature. Check the device certificate." (XXX and YYY indicate the user action.)	There is no device certificate (S/MIME), or the certificate is invalid.	For details about the device certificate (S/MIME), see "Protecting Communication Paths via a Device Certificate", Security Guide.

Message	Cause	Solution
"XXX cannot be YYY because the Digital Signature's device certificate is not currently valid."  (XXX and YYY indicate the user action.)	The device certificate (PDF with digital signature or PDF/A with digital signature) has expired.	A new device certificate (PDF with digital signature or PDF/A with digital signature) must be installed. For details about how to install a device certificate (PDF with digital signature or PDF/A with digital signature), see "Configuring PDFs with Electronic Signatures", Security Guide.
"XXX cannot be YYY because there is a problem with the Digital Signature's device certificate. Check the device certificate."  (XXX and YYY indicate the user action.)	There is no device certificate (PDF with digital signature or PDF/A with digital signature), or the certificate is invalid.	A new device certificate (PDF with digital signature or PDF/A with digital signature) must be installed. For details about how to install a device certificate (PDF with digital signature or PDF/A with digital signature), see "Configuring PDFs with Electronic Signatures", Security Guide.

#### Note

- If a fax or an e-mail cannot be sent and a message appears which states that there is a problem with the device certificate or user certificate, a new certificate must be installed. For details about how to install a new certificate, see "Configuring S/MIME" or "Protecting Communication Paths via a Device Certificate", Security Guide.

## When Problems Occur While Logging In

Message	Cause	Solution
"Authentication has failed."	The entered login user name or login password is not correct.	For details about the correct login user name and login password, see "Basic Authentication", Security Guide.
"Authentication has failed."	The machine cannot perform authentication.	For details about authentication, see "Configuring User Authentication", Security Guide.



## When the User Lacks Privileges to Perform an Operation

Message	Cause	Solution
"You do not have the privileges to use this function."	The logged in user name does not have permissions for the selected function.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"The selected file(s) contained file(s) without access privileges. Only file(s) with access privileges will be deleted."	You have tried to delete files without the permission to do so.	To check your access permission for stored documents, or to delete a document you do not have permission to delete, see "Managing Stored Files", Security Guide.

## When the LDAP Server Cannot Be Used

Message	Cause	Solution
"Connection with LDAP server has failed. Check the server status."	A network error has occurred and connection has failed.	<p>Try the operation again. If the message is still displayed, the network may be busy.</p> <p>Check the settings for LDAP server in [System Settings]. For details about settings for LDAP server, see "Programming the LDAP Server", Connecting the Machine/ System Settings.</p>
"Exceeded time limit for LDAP server search. Check the server status."	A network error has occurred and connection has failed.	<ul style="list-style-type: none"> <li>• Try the operation again. If the message is still displayed, the network may be busy.</li> <li>• Check that the correct settings for LDAP server are listed in [Administrator Tools] of [System Settings]. For details about LDAP server, see "Programming the LDAP Server", Connecting the Machine/ System Settings.</li> </ul>
"LDAP server authentication has failed. Check the settings."	A network error has occurred and connection has failed.	Configure settings correctly for the user name and the password for LDAP server authentication.



# 11. Information for This Machine

This chapter describes environmental precautions and regulations.

## Information on Environmental Regulations

### ENERGY STAR Program

#### ENERGY STAR® Program Requirements for Imaging Equipment



This company is a participant in the ENERGY STAR® Program.  
This machine is compliant with the regulations specified by the ENERGY STAR® Program.

The ENERGY STAR® Program Requirements for Imaging Equipment encourage energy conservation by promoting energy efficient computers and other office equipment.

The program backs the development and dissemination of products that feature energy saving functions.

It is an open program in which manufacturers participate voluntarily.

Targeted products are computers, monitors, printers, facsimiles, copiers, scanners, and multi-function devices. Energy Star standards and logos are internationally uniform.


#### ↓ Note

- For details about the "default delay time", see page 241 "Energy Saving Functions".

### Energy Saving Functions

To reduce its power consumption, this machine has the following functions:

#### Sleep mode

- If this machine remains idle for a specified period or when [Energy Saver] (  ) is pressed, it enters Sleep mode to further reduce its electrical consumption.

- The default delay time the machine waits before entering Sleep mode is 1 minute. This default time can be changed.
- The machine can print jobs from computers and receive faxes while in Sleep mode.

### Specification

-  **Region A** (mainly Europe)

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Reduced electrical consumption in Sleep mode <sup>*1</sup>	0.84 W	0.84 W	0.84 W	0.82 W	0.82 W	0.82 W
Time of switch into Sleep mode	1 minute	1 minute	1 minute	1 minute	1 minute	1 minute
Time of switch out from Sleep mode <sup>*1</sup>	7.9 seconds	7.9 seconds	7.9 seconds	8.0 seconds	8.4 seconds	8.8 seconds
Duplex Function <sup>*2</sup>	Standard	Standard	Standard	Standard	Standard	Standard

<sup>\*1</sup> The time it takes to switch out from energy saving functions and electrical consumption may differ depending on the conditions and environment of the machine.

<sup>\*2</sup> Achieves ENERGY STAR energy savings; product fully qualifies when packaged with (or used with) a duplex tray and the duplex function is enabled as an option.

-  **Region A** (mainly Asia)

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Reduced electrical consumption in Sleep mode <sup>*1</sup>	0.84 W	0.84 W	0.84 W	0.82 W	0.82 W	0.82 W
Time of switch into Sleep mode	1 minute	1 minute	1 minute	1 minute	1 minute	1 minute
Time of switch out from Sleep mode <sup>*1</sup>	7.9 seconds	7.9 seconds	7.9 seconds	8.0 seconds	8.4 seconds	8.8 seconds

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Duplex Function *2	Standard	Standard	Standard	Standard	Standard	Standard

\*1 The time it takes to switch out from energy saving functions and electrical consumption may differ depending on the conditions and environment of the machine.

\*2 Achieves ENERGY STAR energy savings; product fully qualifies when packaged with (or used with) a duplex tray and the duplex function is enabled as an option.

-  **Region B** (mainly North America)

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Reduced electrical consumption in Sleep mode *1	0.74 W	0.74 W	0.74 W	0.79 W	0.79 W	0.79 W
Time of switch into Sleep mode	1 minute	1 minute	1 minute	1 minute	1 minute	1 minute
Time of switch out from Sleep mode *1	7.9 seconds	7.9 seconds	7.9 seconds	7.9 seconds	8.2 seconds	8.7 seconds
Duplex Function *2	Standard	Standard	Standard	Standard	Standard	Standard

\*1 The time it takes to switch out from energy saving functions and electrical consumption may differ depending on the conditions and environment of the machine.

\*2 Achieves ENERGY STAR energy savings; product fully qualifies when packaged with (or used with) a duplex tray and the duplex function is enabled as an option.

#### Note

- Specifications can vary depending on which options are installed on the machine.
- For details about how to change the default interval, see "Timer Settings", Connecting the Machine/ System Settings.
- Depending on which embedded software application is installed on it, the machine might take longer than indicated to enter Sleep mode.

## User Information on Electrical and Electronic Equipment Region **A** (mainly Europe)

### Users in the countries where this symbol shown in this section has been specified in national law on collection and treatment of E-waste

Our Products contain high quality components and are designed to facilitate recycling.

Our products or product packaging are marked with the symbol below.



The symbol indicates that the product must not be treated as municipal waste. It must be disposed of separately via the appropriate return and collection systems available. By following these instructions you ensure that this product is treated correctly and help to reduce potential impacts on the environment and human health, which could otherwise result from inappropriate handling. Recycling of products helps to conserve natural resources and protect the environment.

For more detailed information on collection and recycling systems for this product, please contact the shop where you purchased it, your local dealer or sales/service representatives.

### All Other Users

If you wish to discard this product, please contact your local authorities, the shop where you bought this product, your local dealer or sales/service representatives.

### For Turkey only

EEE Yönetmeliğine Uygundur.  
Bu sistem sarf malzemeleri ve yedek parçaları da dahil olmak üzere EEE Yönetmeliğine Uygundur.

#### Üretici:

Ricoh Company, Ltd.

8-13-1 Ginza,

Chuo-ku, Tokyo 104-8222 Japan

+81-36278-2111 (English only/Sadece İngilizce)

## Note for the Battery and/or Accumulator Symbol (For EU countries only)

 Region **A** (mainly Europe)



In accordance with the Battery Directive 2006/66/EC Article 20 Information for end-users Annex II, the above symbol is printed on batteries and accumulators.

This symbol means that in the European Union, used batteries and accumulators should be disposed of separately from your household waste.

In the EU, there are separate collection systems for not only used electrical and electronic products but also batteries and accumulators.

Please dispose of them correctly at your local community waste collection/recycling centre.

Contact your sales or service representative to change the battery.

## Environmental Advice for Users Region **A** (mainly Europe)

### Users in the EU, Switzerland and Norway

#### Consumables yield

Please refer to either the User's Manual for this information or the packaging of the consumable.

#### Recycled paper

The machine can use recycled paper which is produced in accordance with European standard EN 12281:2002 or DIN 19309. For products using EP printing technology, the machine can print on 64 g/m<sup>2</sup> paper, which contains less raw materials and represents a significant resource reduction.

#### Duplex printing (if applicable)

Duplex printing enables both sides of a sheet of paper to be used. This saves paper and reduces the size of printed documents so that fewer sheets are used. We recommend that this feature is enabled whenever you print.

#### Toner and ink cartridge return program

Toner and ink cartridge for recycling will be accepted free of charge from users in accordance with local regulations.

For details about the return program, please refer to the Web page below or consult your service person.

<https://www.rioh-return.com/>

## Energy efficiency

The amount of electricity a machine consumes depends as much on its specifications as it does on the way you use it. The machine is designed to allow you to reduce electricity costs by switching to Ready mode after it prints the last page. If required, it can immediately print again from this mode. If no additional prints are required and a specified period of time passes, the device switches to an energy saving mode.

In these modes, the machine consumes less power (watts). If the machine is to print again, it needs a little longer to return from an energy saving mode than from Ready mode.

For maximum energy savings, we recommend that the default setting for power management is used.

Products that comply with the Energy Star requirement are always energy efficient.

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## Notes to users in the state of California (Notes to Users in USA) Region B (mainly North America)

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Perchlorate Material - special handling may apply. See: [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)



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MEMO

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MEMO

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MEMO







# MP 2555/3055/3555/4055 5055/6055 series



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For safe and correct use, be sure to read the Safety Information in Read This First before using the machine.



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# How to Read the Manuals

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## Symbols Used in the Manuals

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This manual uses the following symbols:

 **Important**

Indicates points to pay attention to when using the machine, and explanations of likely causes of paper misfeeds, damage to originals, or loss of data. Be sure to read these explanations.

 **Note**


Indicates supplementary explanations of the machine's functions, and instructions on resolving user errors.

 **Reference**

This symbol is located at the end of sections. It indicates where you can find further relevant information.

[ ]

Indicates the names of keys on the machine's display or control panels.

 **Region A** (mainly Europe and Asia), (mainly Europe), or (mainly Asia)

 **Region B** (mainly North America)

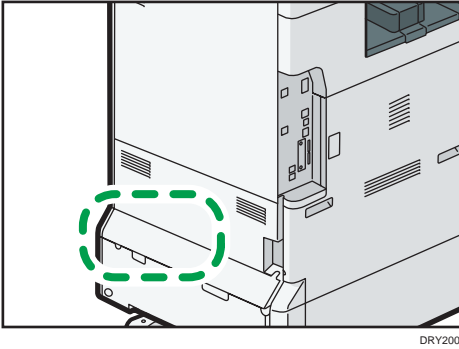
Differences in the functions of Region A and Region B models are indicated by two symbols. Read the information indicated by the symbol that corresponds to the region of the model you are using. For details about which symbol corresponds to the model you are using, see page 8 "Model-Specific Information".

---

# Model-Specific Information

This section explains how you can identify the region your machine belongs to.

There is a label on the rear of the machine, located in the position shown below. The label contains details that identify the region your machine belongs to. Read the label.



The following information is region-specific. Read the information under the symbol that corresponds to the region of your machine.

 **Region A** (mainly Europe and Asia)

If the label contains the following, your machine is a region A model:



- CODE XXXX -27, -29, -65
- 220–240 V

 **Region B** (mainly North America)

If the label contains the following, your machine is a region B model:

- CODE XXXX -17, -18
- 120–127 V

 **Note**

- Dimensions in this manual are given in two units of measure: metric and inch. If your machine is a Region A model, refer to the metric units. If your machine is a Region B model, refer to the inch units.
- If your machine is a region A model and "CODE XXXX -27, -65" is printed on the label, see " **Region A** (mainly Europe)" also.
- If your machine is a region A model and "CODE XXXX -29" is printed on the label, see " **Region A** (mainly Asia)" also.

---

# Names of Major Features

In this manual, major features of the machine are referred to as follows:

- Auto Reverse Document Feeder → ARDF
- Auto Document Feeder → ADF (in this manual, "ADF" refers to the ARDF and the one-pass duplex scanning ADF)
- Large Capacity Tray → LCT



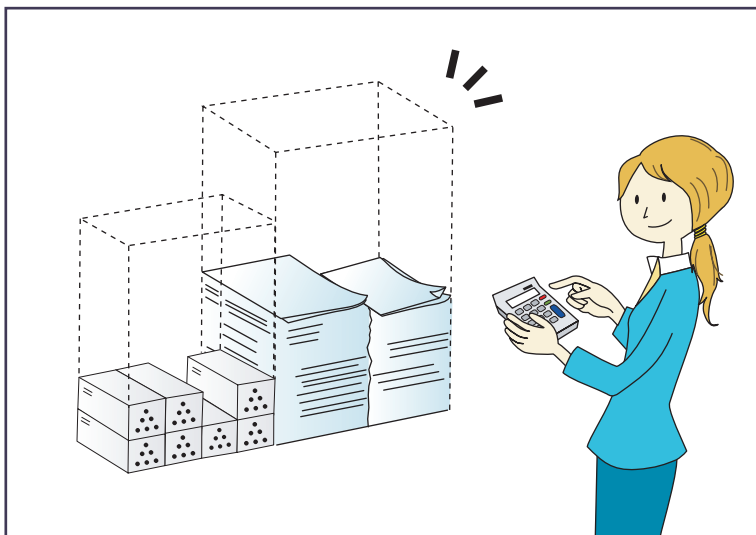
# 1. What You Can Do with This Machine

You can search for a description by what you want to do.

## Searching by What You Want to Do

You can search for a procedure by what you want to do.

### Reducing my Costs



BRL059S

#### **Printing multi-page documents on both sides of sheets (Duplex Copy)**

⇒ See "Duplex Copying", Copy/ Document Server.

#### **Printing multi-page documents and received faxes on a single sheet (Combine (Copier/Fax))**

⇒ See "Combined Copying", Copy/ Document Server.

⇒ See "Combine Two Originals", Fax.

#### **Printing received faxes on both sides of sheets (2 Sided Print)**

⇒ See "Two-Sided Printing", Fax.

#### **Converting received faxes to electronic formats (Paperless Fax)**

⇒ See "Confirming/Printing/Deleting Received and Stored Documents", Fax.

#### **Sending files from the computer without printing them (LAN-Fax)**

⇒ See "Sending Fax Documents from Computers", Fax.

### Checking how much paper is saved ([Information] screen)

⇒ See "[Information] Screen", Getting Started.

### Reducing electricity consumption

⇒ See "Saving Energy", Getting Started.

⇒ See "Timer Settings", Connecting the Machine/ System Settings.

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## Using Scanned Files on the Computer

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BQX138S

### Sending scan files

⇒ See "Basic Procedure for Sending Scan Files by E-mail", Scan.

### Sending the URL of the folder in which scan files are stored

⇒ See "Sending the URL by E-mail", Scan.

### Storing scan files in a shared folder

⇒ See "Basic Procedure When Using Scan to Folder", Scan.

### Storing scan files on media

⇒ See "Basic Procedure for Saving Scan Files on a Memory Storage Device", Scan.

### Embedding text information in scanned files

⇒ See "Embedding Text Information in Scanned Data", Scan.

### Converting transmitted faxes to electronic formats and sending them to a computer

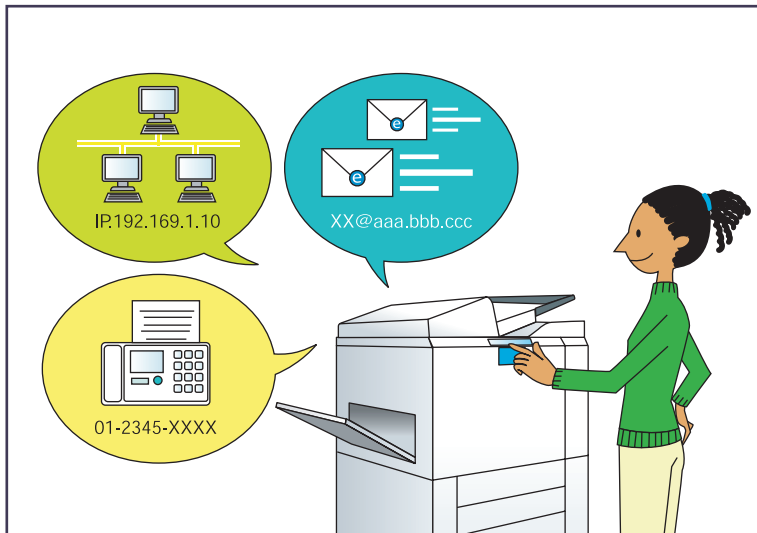
⇒ See "Overview of Folder Transmission Function", Fax.

## Managing and using documents converted to electronic formats (Document Server)

⇒ See "Relationship between Document Server and Other Functions", Copy/ Document Server.

## Registering Destinations

1



### Using the control panel to register destinations in the Address Book

⇒ See "Registering Entered Destinations to the Address Book", Fax.

⇒ See "Registering a Destination E-mail Address or Folder", Scan.

### Using Web Image Monitor to register destinations from a computer

⇒ See "Registering Internet Fax Destination Information Using Web Image Monitor", Fax.

### Downloading destinations registered in the machine to the LAN-Fax driver destination list

⇒ See "Using the machine's Address Book as the LAN-Fax destination list", Fax.

## Operating the Machine More Effectively

1



BQX139S

### **Registering and using frequently-used settings (Program)**

⇒ See "Registering Functions in a Program", Convenient Functions.

### **Registering frequently-used settings as initial settings (Program as Defaults)**

⇒ See "Changing the Default Functions of the Initial Screen", Convenient Functions.

### **Registering frequently-used printing settings to the printer driver**

⇒ See "Using One Click Presets", Print.

### **Changing the initial settings of the printer driver to frequently-used printing settings**

⇒ See "Displaying the [Printing Preferences] Dialog Box", Print.

### **Adding shortcuts to frequently used programs or Web pages**

⇒ See "Adding Icons to the [Home] Screen", Convenient Functions.

### **Changing the order of the function and shortcut icons**

⇒ See "Changing the Order of Icons on the [Home] Screen", Convenient Functions.



# What You Can Do with This Machine

This section describes the features of this machine.

1

## Customizing the [Home] Screen

The icons of each function are displayed on the [Home] screen.



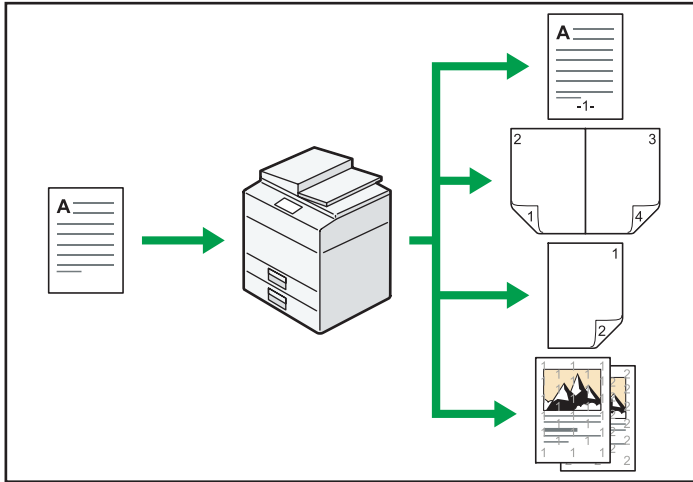
DRY215

- You can add shortcuts to often used programs or Web pages to the [Home] screen. The programs or Web pages can be recalled easily by pressing the shortcut icons.
- You can display only the icons of functions and shortcuts that you use.
- You can change the order of the function and shortcut icons.

### Reference

- For details about the features on the [Home] screen, see "How to Use the [Home] Screen", Getting Started.
- For details about how to customize the [Home] screen, see "How to Customize the [Home] Screen", Convenient Functions.

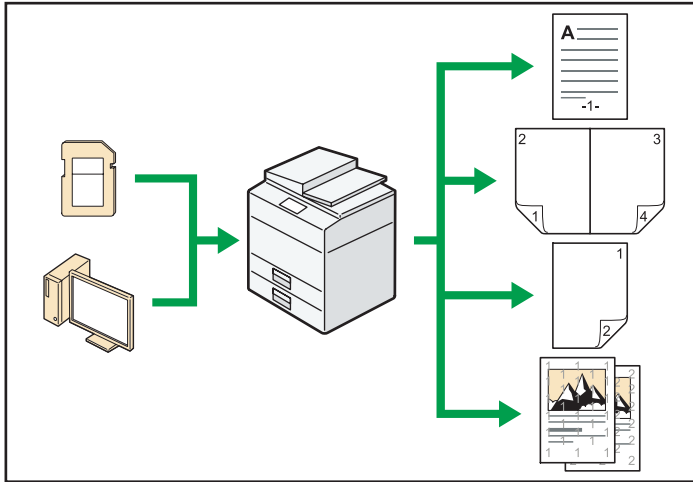
## Making Copies Using Various Functions



CJ0601

- You can print stamps on copies. Stamps can include background numbers, scanned images, dates, and page numbers.  
⇒ See "Stamps", Copy/ Document Server.
- You can reduce or enlarge the copy image. Auto Reduce / Enlarge function enables the machine to detect the original size automatically. Also, it enables the machine to select an appropriate reproduction ratio based on the paper size you specify. If the orientation of the original is different from that of the paper you are copying onto, the machine rotates the original image by 90 degrees to match it with the copy paper.  
⇒ See "Reducing or Enlarging Originals", Copy/ Document Server.
- Copier functions such as Duplex, Combine, Booklet, and Magazine allow you to save on paper by copying multiple pages onto single sheets.  
⇒ For details about duplex copying, see "Duplex Copying", Copy/ Document Server.  
⇒ For details about combined copying, see "Combined Copying", Copy/ Document Server.  
⇒ For details about the booklet and magazine functions, see "Booklet/Magazine", Copy/ Document Server.
- You can copy onto various types of paper such as envelopes and OHP transparencies.  
⇒ See "Copying onto Various Types of Paper", Copy/ Document Server.
- The finisher allows you to sort, staple, and punch holes in your copies.  
⇒ See "Finishing", Copy/ Document Server.

## Printing Data Using Various Functions

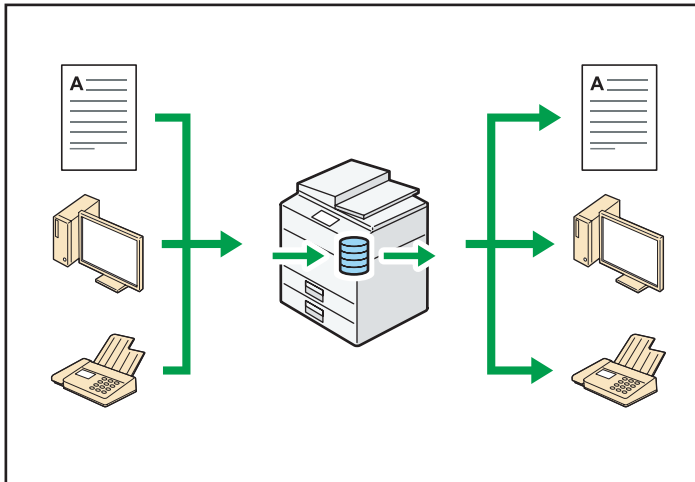


CJ0614

- This machine supports network and local connections.
- You can print or delete print jobs stored on the machine's hard disk, which have been previously sent from computers using the printer driver. The following types of print jobs can be selected: Sample Print, Locked Print, Hold Print, and Stored Print.
  - ⇒ See "Storing Documents in the Hard Disk Drive and Printing Them", Print.
- The finisher allows you to collate, staple, and punch holes in your prints.
  - ⇒ For details about stapling, see "Staple", Print.
  - ⇒ For details about punching, see "Punch", Print.
- You can print files stored on a removable memory device and specify print conditions such as print quality and print size.
  - ⇒ See "Direct Printing from a Memory Storage Device", Print.

## Utilizing Stored Document

You can store files scanned in copier, facsimile, printer, or scanner mode on the machine's hard disk. Web Image Monitor allows you to use your computer to search for, view, print, delete, and send stored files via the network. You can also change print settings and print multiple documents (Document Server).



CJ0603

- You can retrieve stored documents scanned in scanner mode to your computer.
- Using the file format converter, you can download documents stored in copier, Document Server, or printer mode to your computer.

### Reference

- For details about how to use the Document Server, see "Storing Data in the Document Server", Copy/ Document Server.
- For details about the Document Server in copier mode, see "Document Server", Copy/ Document Server.
- For details about the Document Server in printer mode, see "Saving and Printing Using the Document Server", Print.
- For details about the Document Server in fax mode, see "Storing a Document", Fax.
- For details about the Document Server in scanner mode, see "Storing and Saving the Scanned Documents", Scan.

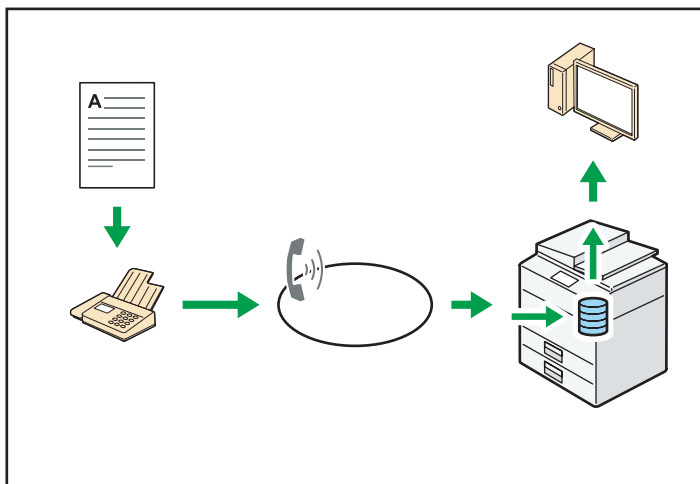
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## Sending and Receiving Faxes without Paper

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### Reception

You can store and save received fax documents as electronic formats in the machine's hard disk without printing them.



CJQ604

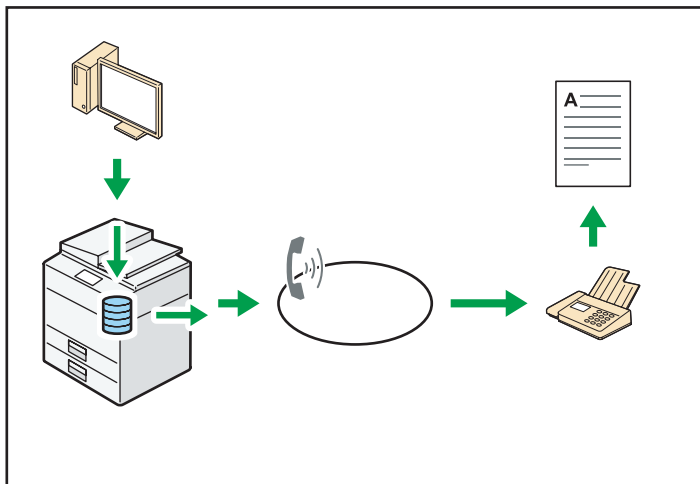
You can use Web Image Monitor to check, print, delete, retrieve, or download documents using your computer (Storing received documents).

**Reference**

- See "Confirming/Printing/Deleting Received and Stored Documents", Fax.

**Transmission**

You can send a fax from your computer over the network (Ethernet or wireless LAN) to this machine, which then forwards the fax via its telephone connection (LAN-Fax).



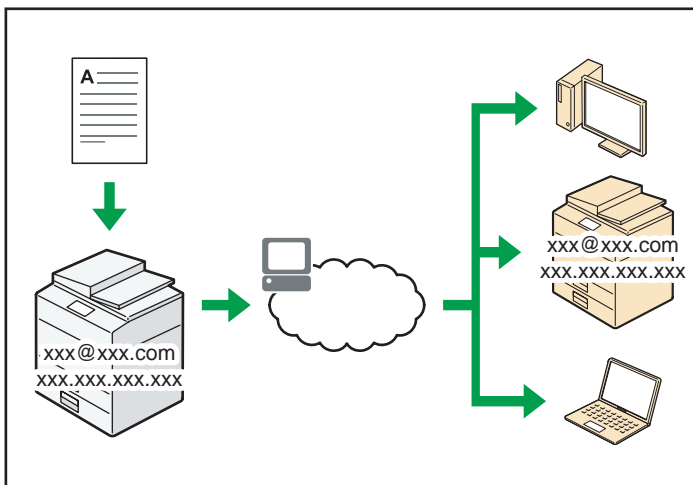
CJQ605

- To send a fax, print from the Windows application you are working with, select LAN-Fax as the printer, and then specify the destination.
- You can also check the sent image data.

**Reference**

- For details about the machine's settings, see "Network Settings Requirements", Connecting the Machine/ System Settings.
- For details about how to use the function, see "Sending Fax Documents from Computers", Fax.

## Sending and Receiving Faxes via the Internet



CJ0606

### E-mail Transmission and Reception

This machine converts scanned document images to e-mail format, and transmits and receives the e-mail data over the Internet.

- To send a document, specify an e-mail address instead of dialing the destination telephone number (Internet Fax and e-mail transmission).  
⇒ See "Specifying an Internet Fax Destination Manually", Fax.
- This machine can receive e-mail messages via Internet Fax or from computers (Internet Fax Reception and Mail to Print).  
⇒ See "Receiving E-Mail by Internet Fax/Mail to Print", Fax.
- Internet Fax compatible machines and computers that have e-mail addresses can receive e-mail messages via Internet Fax.

### IP-Fax

The IP-Fax function sends or receives documents between two facsimiles directly via a TCP/IP network.

- To send a document, specify an IP address or host name instead of a fax number (IP-Fax Transmission).  
⇒ See "Specifying an IP-Fax Destination Manually", Fax.

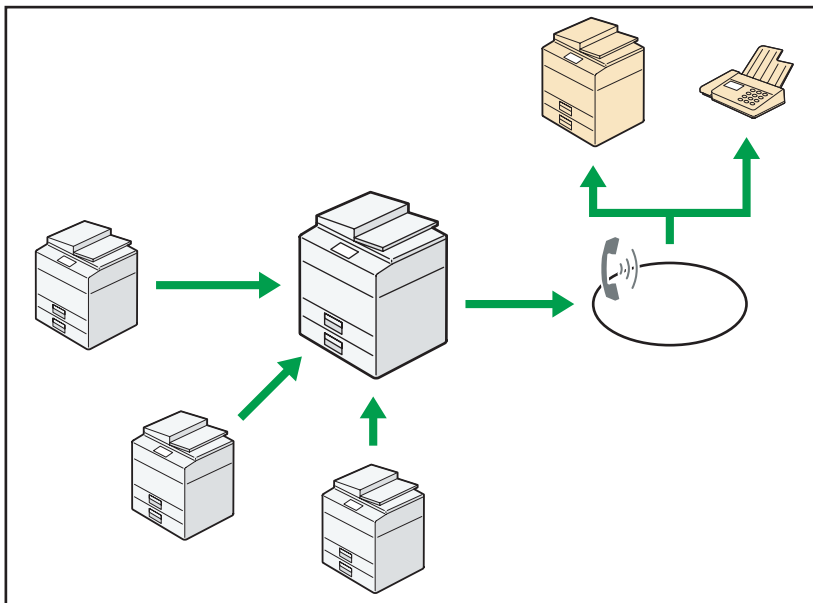
- This machine can receive documents sent via Internet Fax (IP-Fax Reception).  
⇒ See "Types of Reception", Fax.
- Using a VoIP gateway, this machine can send to G3 facsimiles connected to the public switched telephone network (PSTN).

### Reference

- For details about the machine's settings, see "Network Settings Requirements", Connecting the Machine/ System Settings.

## Sending and Receiving Faxes by Using the Machine without Fax Unit Installed

You can send and receive faxes through a different machine's fax functions via a network (Remote Fax).



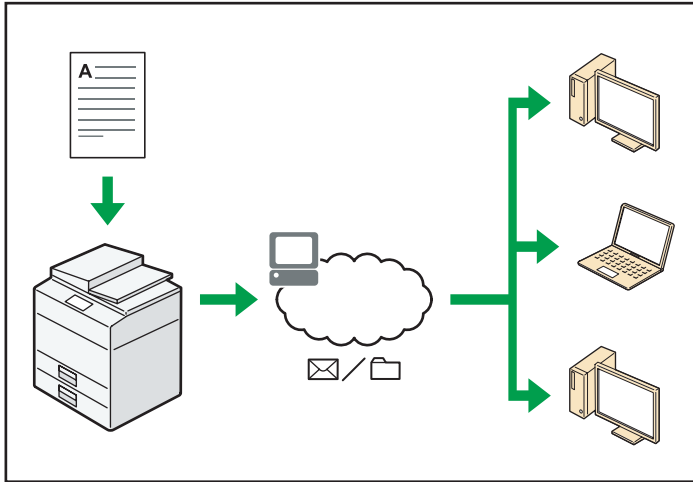
CJQ612

- To use the remote fax function, install the fax connection unit on the main-machine and sub-machine.
- The procedure for sending faxes is as same as that of for the machine with the fax unit. When a job has finished, confirm results displayed on sending history or printed on reports.
- You can forward documents received by the main machine with the facsimile function to sub-machines.

### Reference

- For details, see "Sending/Receiving Documents Using a Remote Machine (Remote Fax)", Fax.

## Using the Facsimile and the Scanner in a Network Environment



C-J0607

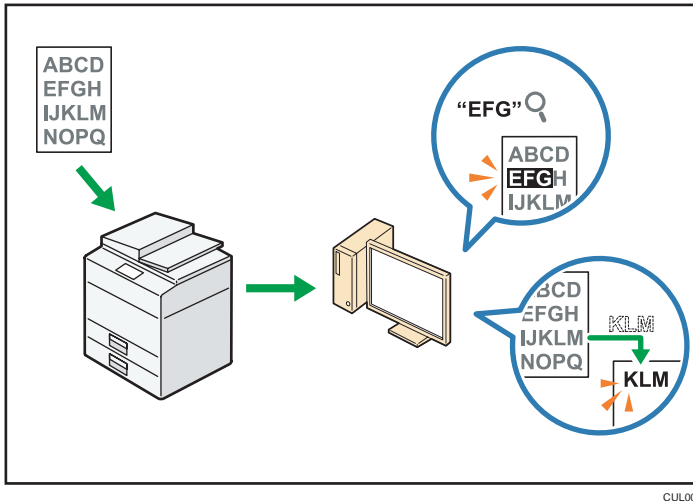
- You can send scan files to a specified destination using e-mail (Sending scan files by e-mail).
  - ⇒ See "Overview of E-Mail Transmission Function", Fax.
  - ⇒ See "Basic Procedure for Sending Scan Files by E-mail", Scan.
- You can send scan files directly to folders (Sending scan files by Scan to Folder).
  - ⇒ See "Overview of Folder Transmission Function", Fax.
  - ⇒ See "Basic Procedure When Using Scan to Folder", Scan.
- You can use Web Services on Devices (WSD) to send scan files to a client computer.
  - ⇒ See "Basic Operating Procedure of WSD Scanner (Push Type)", Scan.

## Embedding Text Information in Scanned Files

You can extract text information from a scanned document and embed it in the file without using a computer.

If you scan a document using this function, embedded text can be searched by using the text search function or copied to another document.



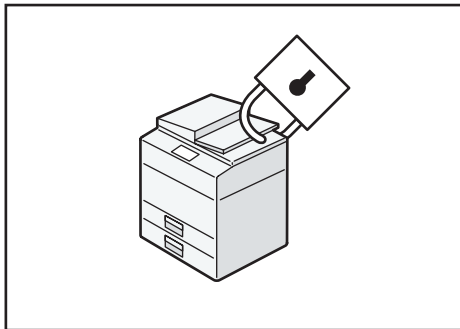


- To use this function, the OCR unit is required.
- You can select a file type from [PDF], [High Compression PDF], or [PDF/A].
- This function can optically recognize characters in various languages and up to approximately 40,000 characters a page.

#### Reference

- See "Embedding Text Information in Scanned Data", Scan.

## Preventing Information Leakage (Security Functions)



- You can protect documents from unauthorized access and stop them from being copied without permission.
- You can control the use of the machine, as well as prevent machine settings from being changed without authorization.
- By setting passwords, you can prevent unauthorized access via the network.
- You can erase or encrypt the data on the hard disk to minimize the risk of information leakage.

- You can limit the usage of functions for each user.

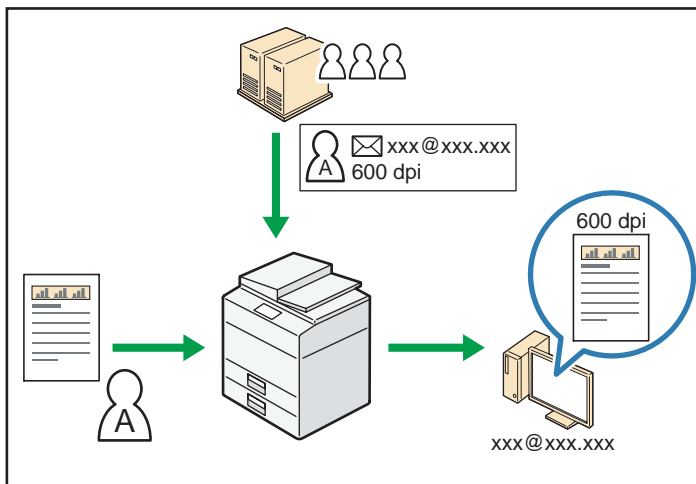
**Reference**

- See Security Guide.

## Centrally Controlling Scan Conditions and Distribution

You can use the distributed scan management (DSM) system in Windows Server 2008 R2/2012 to manage the destinations and scan settings for each individual user in a group and to use the information when distributing scanned data.

You can also use this system to centrally manage information about people using the network and the machine's scanner functions. Both delivered files and user information can be controlled.



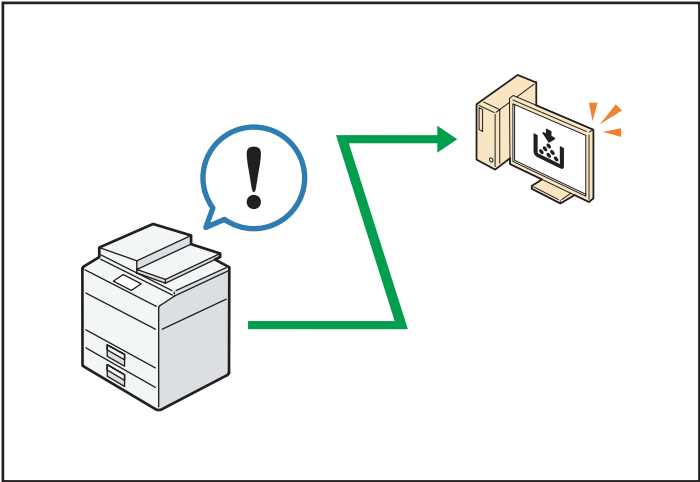
- You must set up and configure a Windows server to use the distributed scan management system. This system is supported by Windows Server 2008 R2 or later.

**Reference**

- For details about how to deliver files using the distributed scan management system, see "Managing Scan Conditions and Other Settings in the Block Using Distributed Scan Management", Scan.

## Monitoring and Setting the Machine Using a Computer

Using Web Image Monitor, you can check the machine's status and change the settings.



CJO609

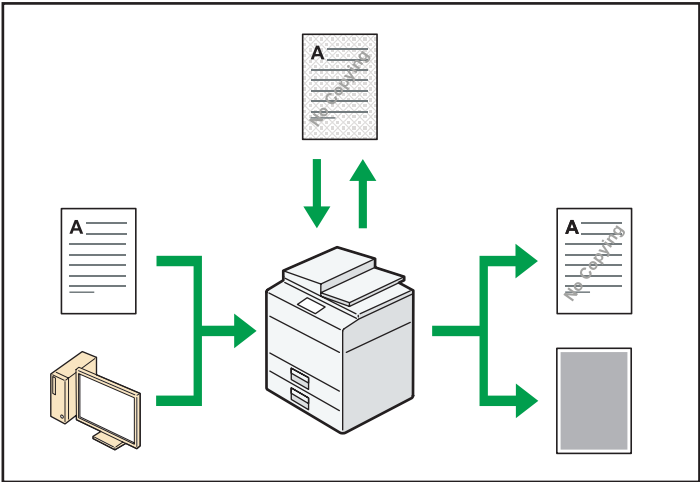
You can check which tray is running out of paper, register information in the Address Book, specify the network settings, configure and change the system settings, manage jobs, print the job history, and configure the authentication settings.

**Reference**

- See "Using Web Image Monitor", Connecting the Machine/ System Settings.
- See Web Image Monitor Help.

## Preventing Unauthorized Copying

You can print embedded patterns on printouts to prevent unauthorized copying.



CJM003

- Using the copier function or the printer driver, you can embed a pattern in the printed document. If the document is copied on a machine with the Copy Data Security function enabled, protected pages are grayed out in the copy. This can minimize the risk of confidential information being copied. Protected fax messages are grayed out before being transmitted or stored. If a document protected by unauthorized copy guard is copied on a machine with the Copy Data Security function enabled, the machine beeps to notify users that unauthorized copying is being attempted. If the document is copied on a machine with the Copy Data Security function disabled, the hidden text becomes visible in the copy, indicating that the copy is unauthorized.
- Using the copier function or the printer driver, you can embed text in the printed document for unauthorized copy prevention. If the document is copied, scanned, or stored in a Document Server by a copier or multifunction printer, the embedded text appears conspicuous in the copy, discouraging such unauthorized copying.

#### Reference

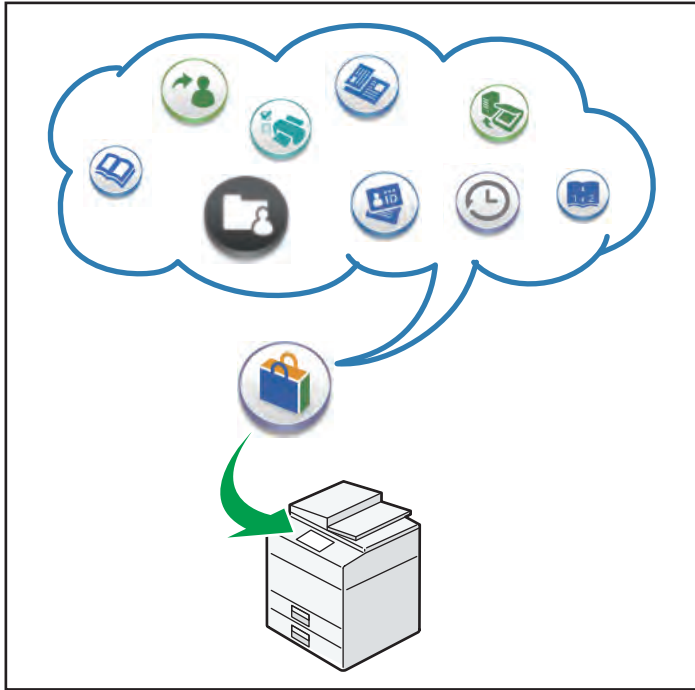
- For details, see Security Guide.
- For details, see the printer driver Help.
- For details about this function in the copier mode, see "Preventing Unauthorized Copies", Copy/Document Server.
- For details about this function in the printer mode, see "Printing Documents That Are Not Authorized for Duplication", Print.

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## Using the Application Site

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You can download from the Application Site useful applications that allow you to more conveniently utilize various office equipment such as copiers and printers.



DQU010

### What You Can Do on the Application Site

- Download and install applications on devices
- Update the application that has already been installed on the device
- Uninstall an application that is no longer necessary on the device

#### Reference

- For details, see "How to Use the Application Site", Getting Started.



# 2. Getting Started

This chapter describes how to start using this machine.

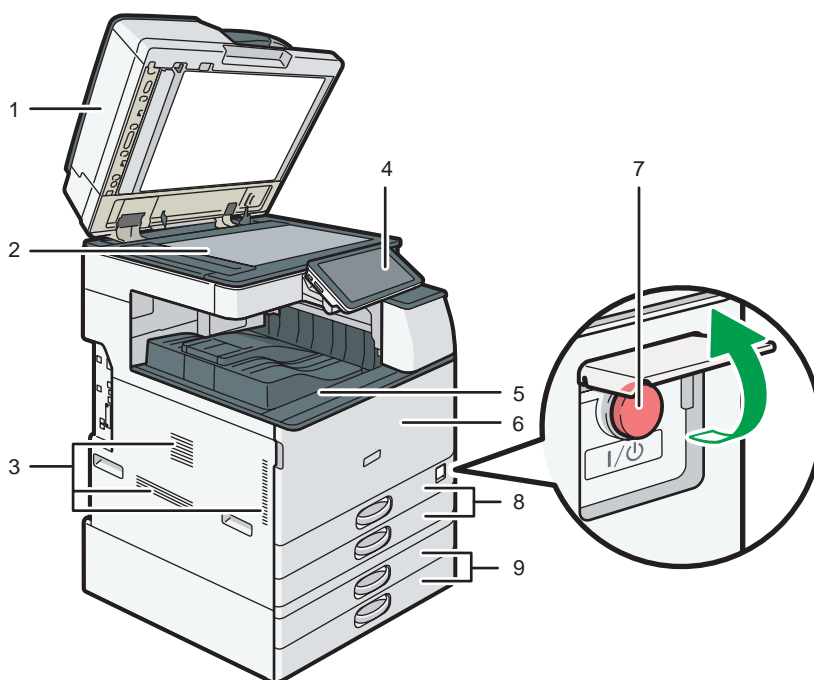
## Guide to Names and Functions of Components

### Guide to Components Region A (mainly Europe)

#### CAUTION

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

#### Front and left view



DRY201

#### 1. ADF

Lower the ADF over originals placed on the exposure glass.

If you load a stack of originals in the ADF, the ADF will automatically feed the originals one by one.

#### 2. Exposure glass

Place originals face down here. For details, see page 86 "Placing Originals on the Exposure Glass

 Region A (mainly Europe)".

**3. Vents**

Prevent overheating.

**4. Control panel**

See page 56 "Guide to the Names and Functions of the Machine's Control Panel".

**5. Internal tray 1**

Copied/printed paper and fax messages are delivered here.

**6. Front cover**

Open to access the inside of the machine.

**7. Main power switch**

To operate the machine, the main power switch must be on. If it is off, open the main power switch's cover and turn the switch on.

**8. Paper trays (Trays 1–2)**

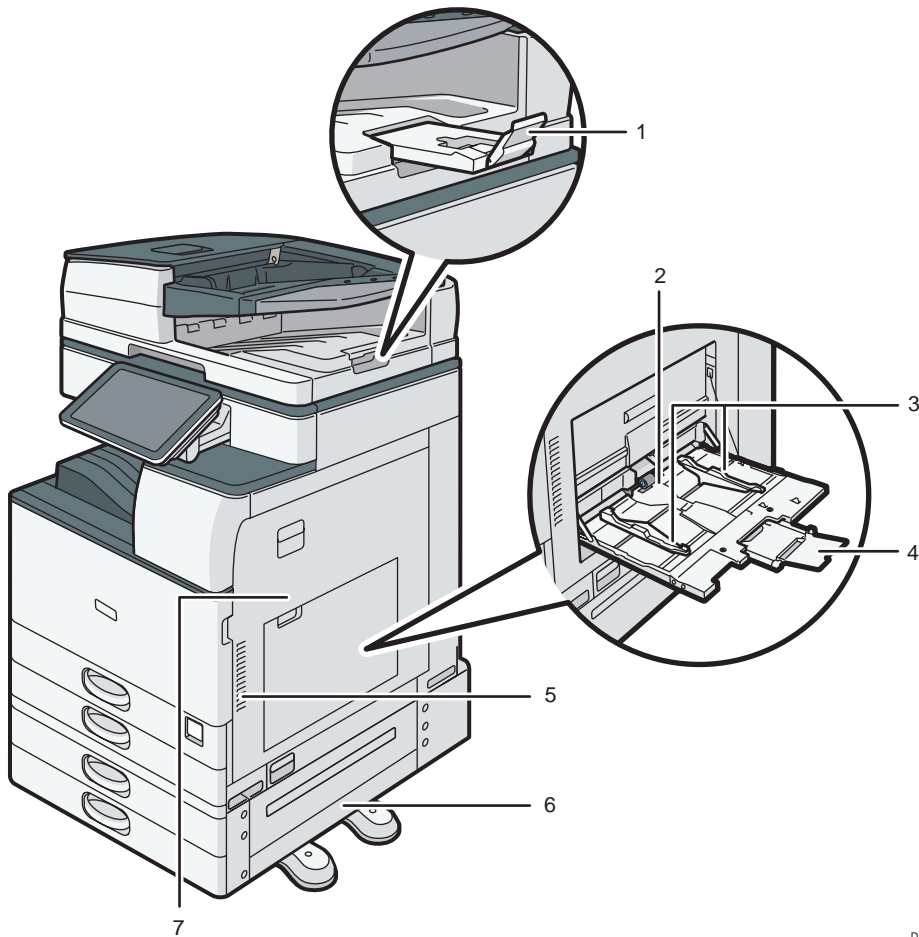
Load paper here. For details, see page 151 "Loading Paper".

**9. Lower paper trays**

Load paper here. For details, see page 151 "Loading Paper".



## Front and right view



DRY202

**1. ADF's extender**

Pull this extender to support large paper.

**2. Bypass tray**

Use to copy or print on OHP transparencies, adhesive labels, and paper that cannot be loaded in the paper trays. For details, see page 152 "Loading Paper into the Bypass Tray".

**3. Paper guides**

When loading paper in the bypass tray, align the paper guides flush against the paper.

**4. Extender**

Pull this extender out when loading sheets larger than A4□, 8<sup>1</sup>/<sub>2</sub> × 11□ in the bypass tray.

**5. Vents**

Prevent overheating.

**6. Lower right cover**

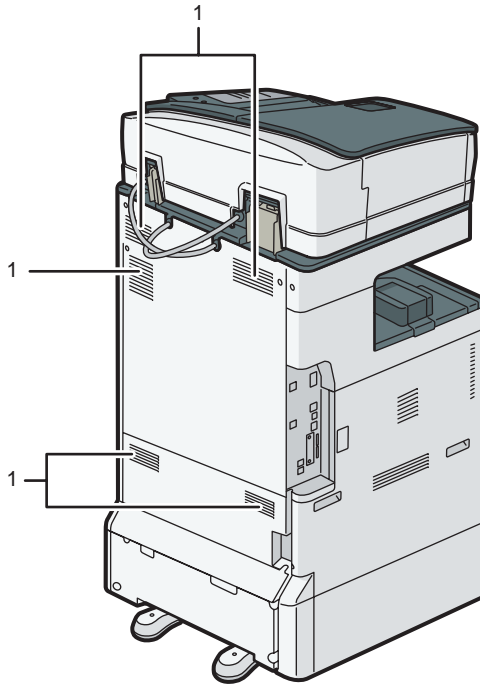
Open this cover when a paper jam occurs.

**7. Right cover**

Open this cover when a paper jam occurs.

**Rear and left view**

2



DRY203

**1. Vents**

Prevent overheating.

---

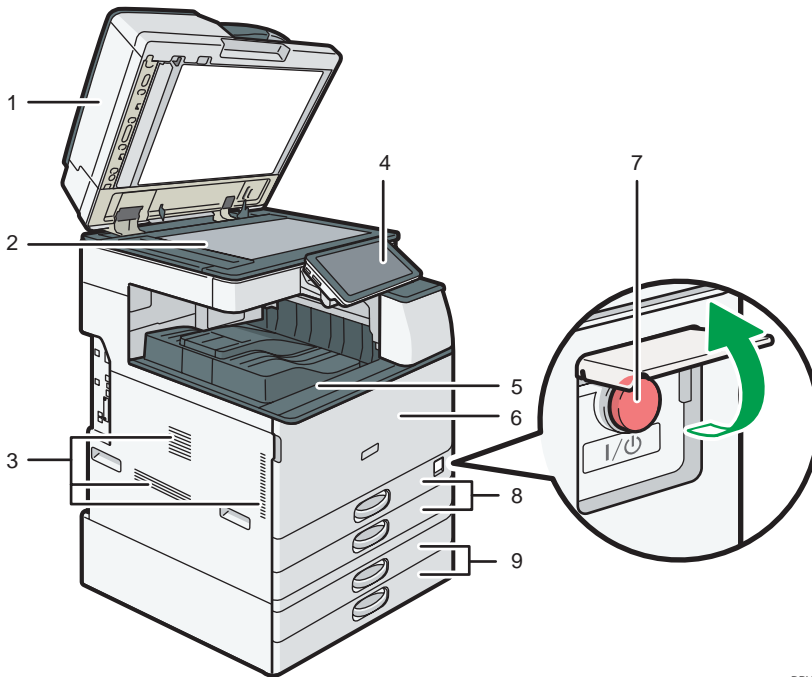
**Guide to Components  Region A (mainly Asia)**

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** CAUTION**

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

**Front and left view**



DRY201

**1. Exposure glass cover or ADF**

(The illustration shows the ADF.)

Lower the exposure glass cover or the ADF over originals placed on the exposure glass.

If you load a stack of originals in the ADF, the ADF will automatically feed the originals one by one.

**2. Exposure glass**

Place originals face down here. For details, see page 86 "Placing Originals on the Exposure Glass

 Region **A** (mainly Asia)".

**3. Vents**

Prevent overheating.

**4. Control panel**

See page 56 "Guide to the Names and Functions of the Machine's Control Panel".

**5. Internal tray 1**

Copied/printed paper and fax messages are delivered here.

**6. Front cover**

Open to access the inside of the machine.

**7. Main power switch**

To operate the machine, the main power switch must be on. If it is off, open the main power switch's cover and turn the switch on.

### 8. Paper trays (Trays 1–2)

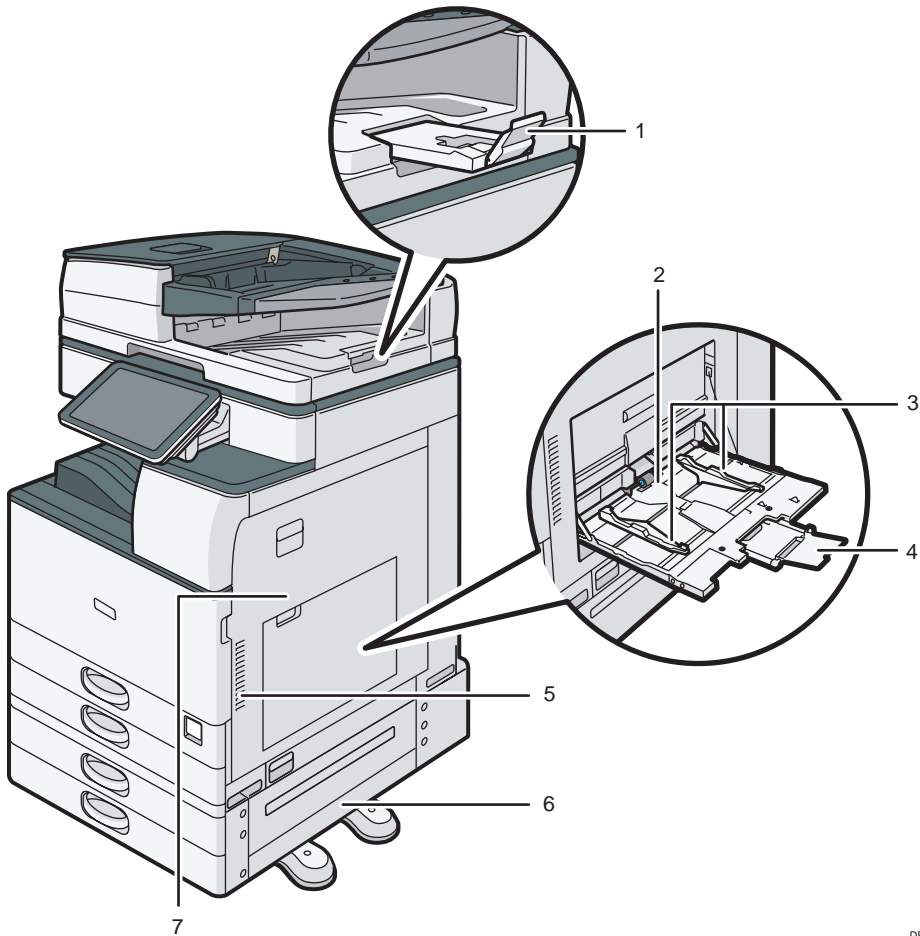
Load paper here. For details, see page 151 "Loading Paper".

### 9. Lower paper trays

Load paper here. For details, see page 151 "Loading Paper".

### Front and right view

2



DRY202

#### 1. ADF's extender

Pull this extender to support large paper.

#### 2. Bypass tray

Use to copy or print on OHP transparencies, adhesive labels, and paper that cannot be loaded in the paper trays. For details, see page 152 "Loading Paper into the Bypass Tray".

#### 3. Paper guides

When loading paper in the bypass tray, align the paper guides flush against the paper.

**4. Extender**

Pull this extender out when loading sheets larger than A4, 8<sup>1</sup>/<sub>2</sub> × 11 in the bypass tray.

**5. Vents**

Prevent overheating.

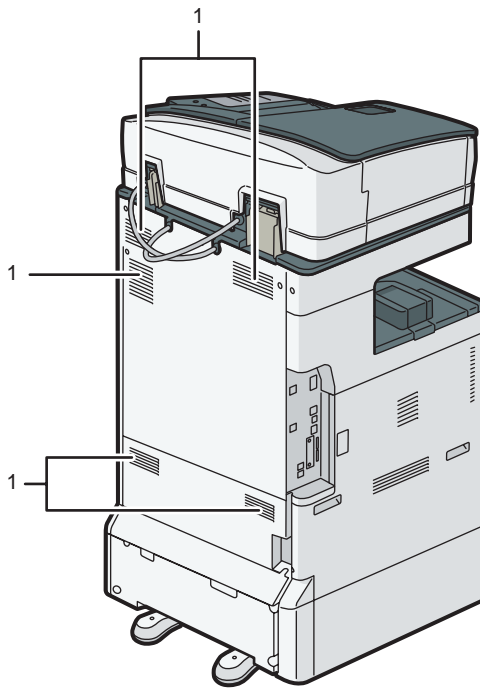
**6. Lower right cover**

Open this cover when a paper jam occurs.

**7. Right cover**

Open this cover when a paper jam occurs.

**Rear and left view**



DRY203

**1. Vents**

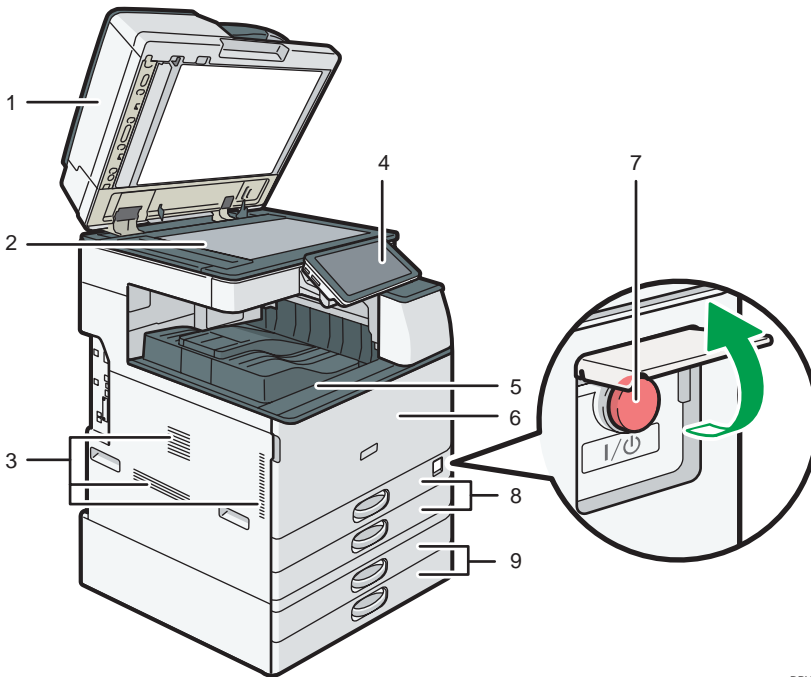
Prevent overheating.

**Guide to Components**  **Region B (mainly North America)**

**⚠ CAUTION**

- Do not obstruct the machine's vents. Doing so risks fire caused by overheated internal components.

### Front and left view




DRY201

#### 1. ADF

Lower the ADF over originals placed on the exposure glass.

If you load a stack of originals in the ADF, the ADF will automatically feed the originals one by one.

#### 2. Exposure glass

Place originals face down here. For details, see page 87 "Placing Originals on the Exposure Glass  (mainly North America)".

#### 3. Vents

Prevent overheating.

#### 4. Control panel

See page 56 "Guide to the Names and Functions of the Machine's Control Panel".

#### 5. Internal tray 1

Copied/printed paper and fax messages are delivered here.

#### 6. Front cover

Open to access the inside of the machine.

#### 7. Main power switch

To operate the machine, the main power switch must be on. If it is off, open the main power switch's cover and turn the switch on.

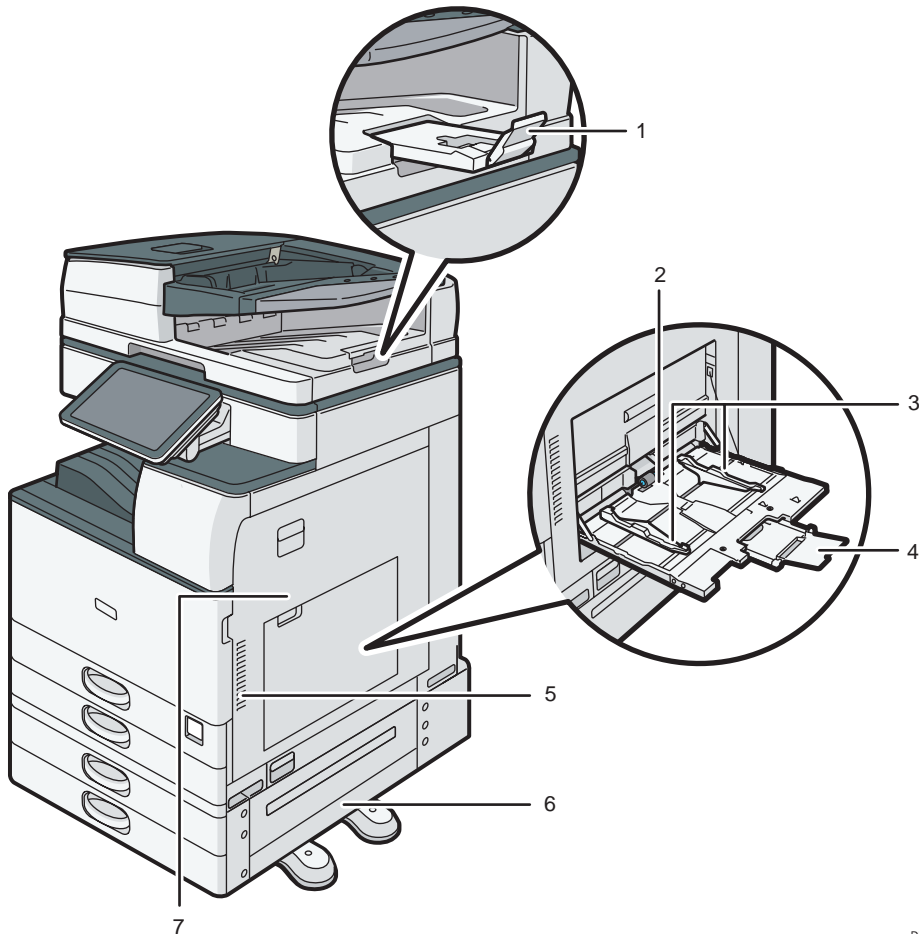
**8. Paper trays (Trays 1–2)**

Load paper here. For details, see page 151 "Loading Paper".

**9. Lower paper trays**

Load paper here. For details, see page 151 "Loading Paper".

**Front and right view**



DRY202

**1. ADF's extender**

Pull this extender to support large paper.

**2. Bypass tray**

Use to copy or print on OHP transparencies, adhesive labels, and paper that cannot be loaded in the paper trays. For details, see page 152 "Loading Paper into the Bypass Tray".

**3. Paper guides**

When loading paper in the bypass tray, align the paper guides flush against the paper.

**4. Extender**

Pull this extender out when loading sheets larger than A4, 8<sup>1</sup>/<sub>2</sub> × 11 in the bypass tray.

**5. Vents**

Prevent overheating.

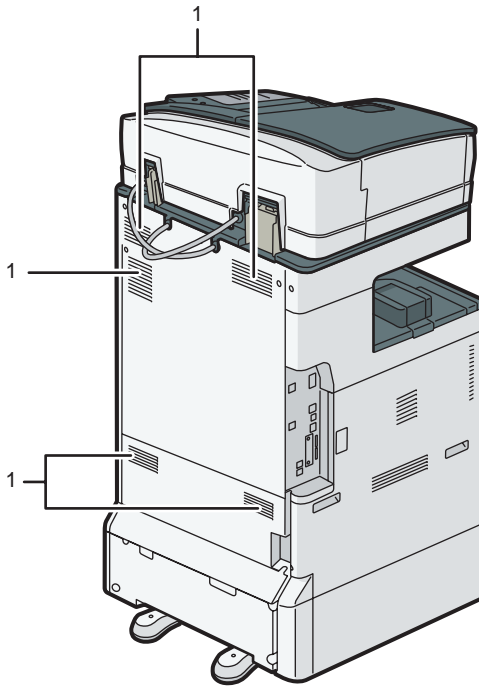
**6. Lower right cover**

Open this cover when a paper jam occurs.

**7. Right cover**

Open this cover when a paper jam occurs.

**Rear and left view**



DRY203

**1. Vents**

Prevent overheating.

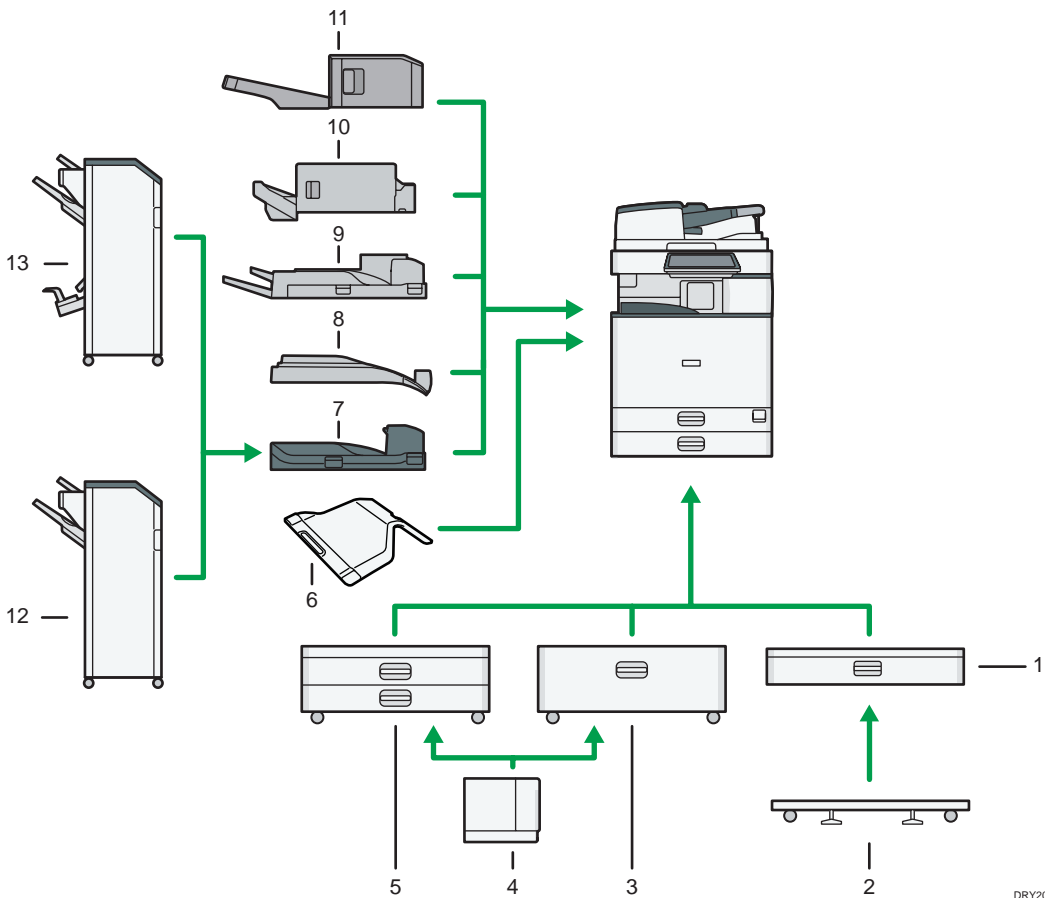


# Guide to Functions of the Machine's Options

## Guide to Functions of the Machine's External Options

Check which type of machine you have. See Read This First.

### External options for Type 1, 2, and 3 (mainly Europe)



DRY204

**1. Lower paper tray**

Paper is loaded here.

**2. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**3. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**4. Large capacity tray (LCT)**

Paper is loaded here.

**5. Lower paper trays**

Consists of two paper trays.

**6. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**7. Bridge unit**

Relays paper to the finisher.

**8. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**9. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**10. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**11. Internal Finisher SR3180**

Sorts and stacks multiple sheets of paper, and staples them without using staples.

**12. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray


Copies can be punched if the optional punch unit is installed on the finisher.

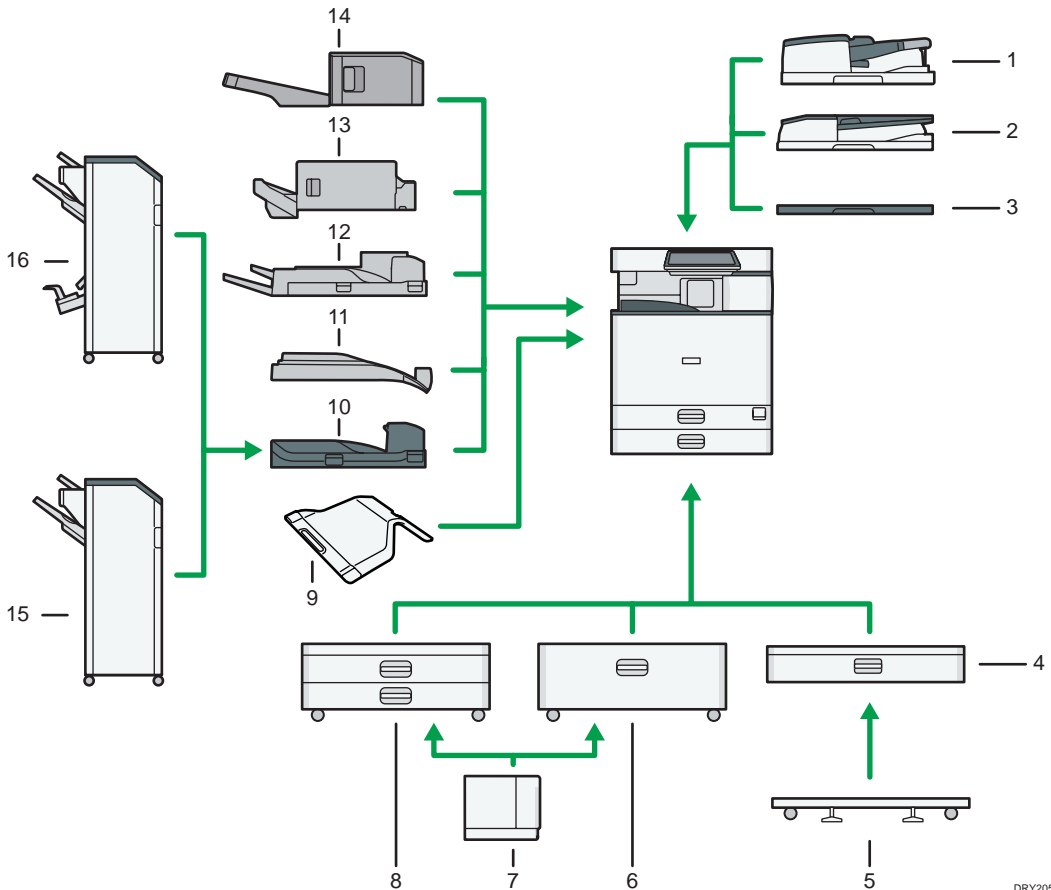
**13. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

External options for Type 1, 2, and 3  **Region A** (mainly Asia)



DRY205

**1. One-pass duplex scanning ADF**

Load a stack of originals here. They will feed in automatically.

**2. ARDF**

Load a stack of originals here. They will feed in automatically.

**3. Exposure glass cover**

Lower this cover over originals.

**4. Lower paper tray**

Paper is loaded here.

**5. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**6. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**7. Large capacity tray (LCT)**

Paper is loaded here.

**8. Lower paper trays**

Consists of two paper trays.

**9. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**10. Bridge unit**

Relays paper to the finisher.

**11. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**12. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**13. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Internal Finisher SR3180**

Sorts and stacks multiple sheets of paper, and staples them without using staples.

**15. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

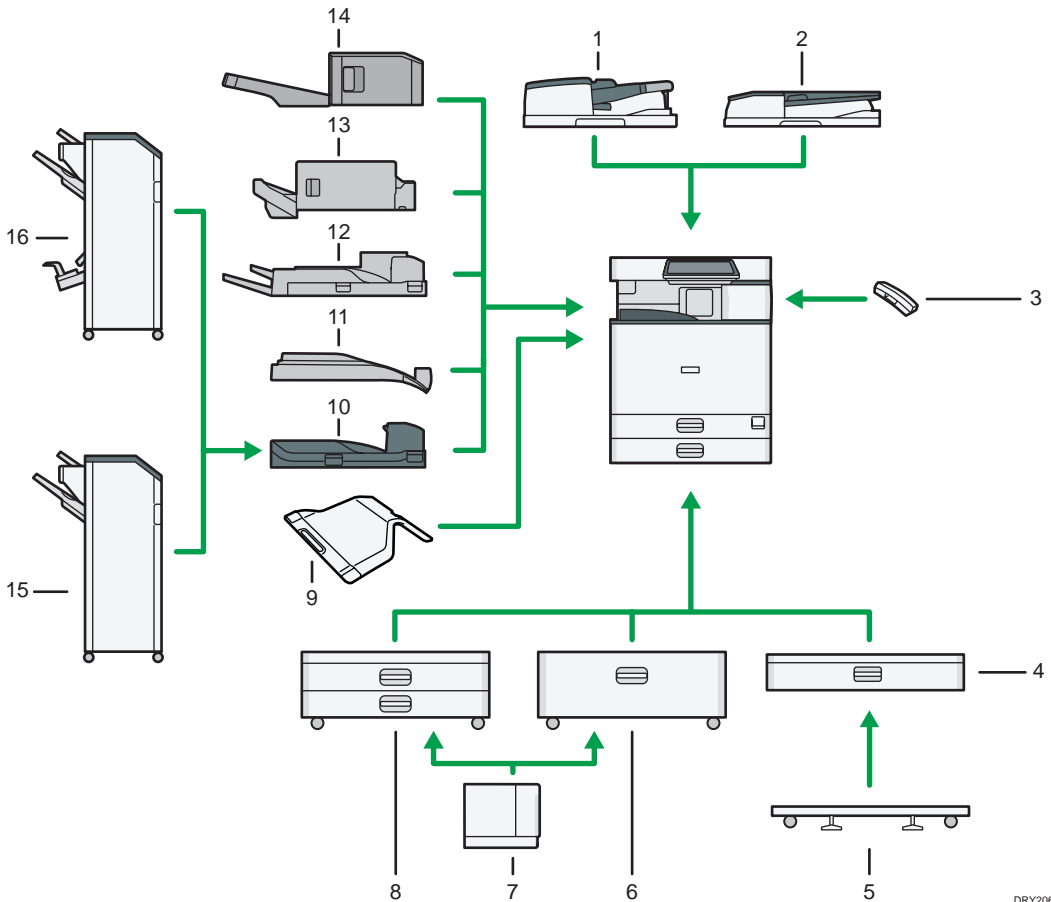
**16. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**External options for Type 1, 2, and 3  Region B (mainly North America)**



**1. One-pass duplex scanning ADF**

Load a stack of originals here. They will feed in automatically.

**2. ARDF**

Load a stack of originals here. They will feed in automatically.

The ARDF is standard on some models.

**3. Handset**

Used as a receiver when a fax unit is installed.

Allows you to use the On Hook Dial and Manual Dial functions. It also allows you to use the machine as a telephone.

**4. Lower paper tray**

Paper is loaded here.

**5. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

DRY206

**6. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**7. Large capacity tray (LCT)**

Paper is loaded here.

**8. Lower paper trays**

Consists of two paper trays.

**9. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**10. Bridge unit**

Relays paper to the finisher.

**11. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**12. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**13. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Internal Finisher SR3180**

Sorts and stacks multiple sheets of paper, and staples them without using staples.

**15. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

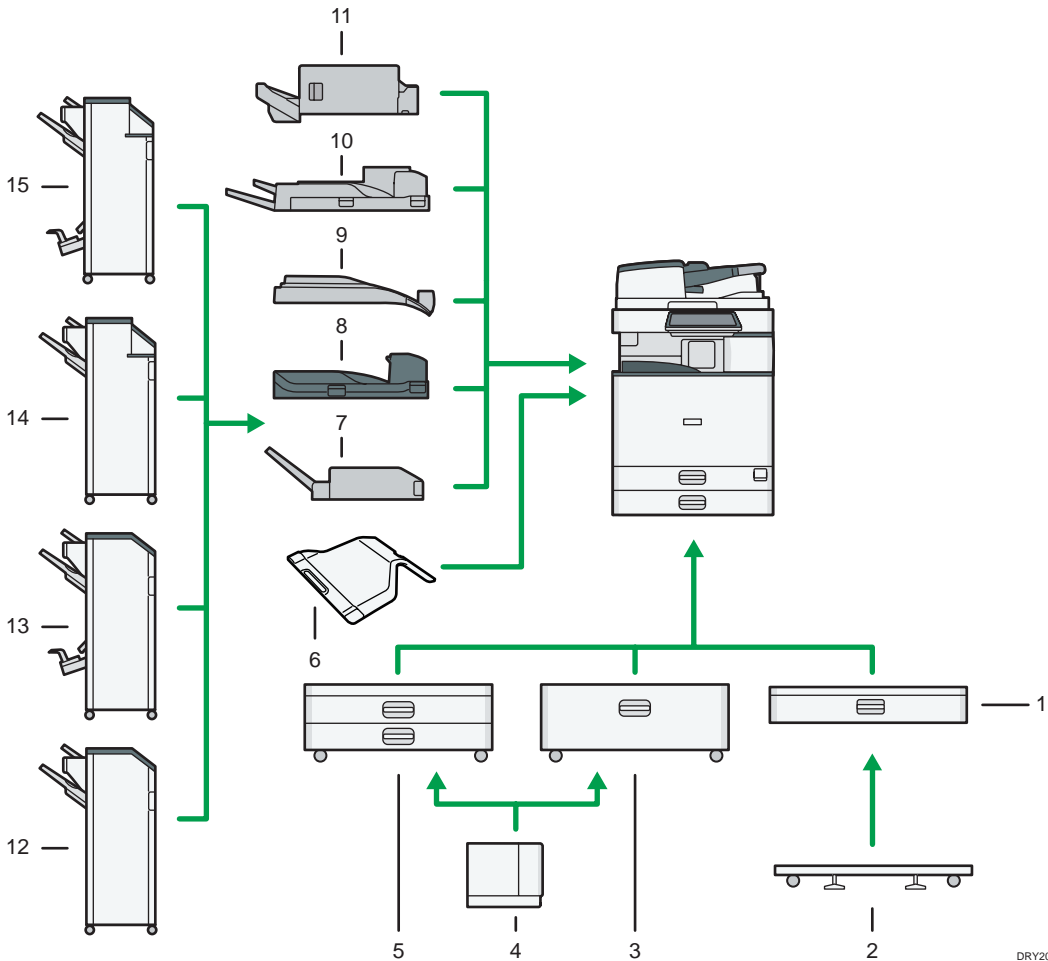
**16. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

External options for Type 4 and 5  Region **A** (mainly Europe)



DRY207

**1. Lower paper tray**

Paper is loaded here.

**2. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**3. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**4. Large capacity tray (LCT)**

Paper is loaded here.

**5. Lower paper trays**

Consists of two paper trays.

**6. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**7. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**8. Bridge unit**

Relays paper to the finisher.

**9. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**10. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**11. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**12. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**15. Booklet Finisher SR3240**

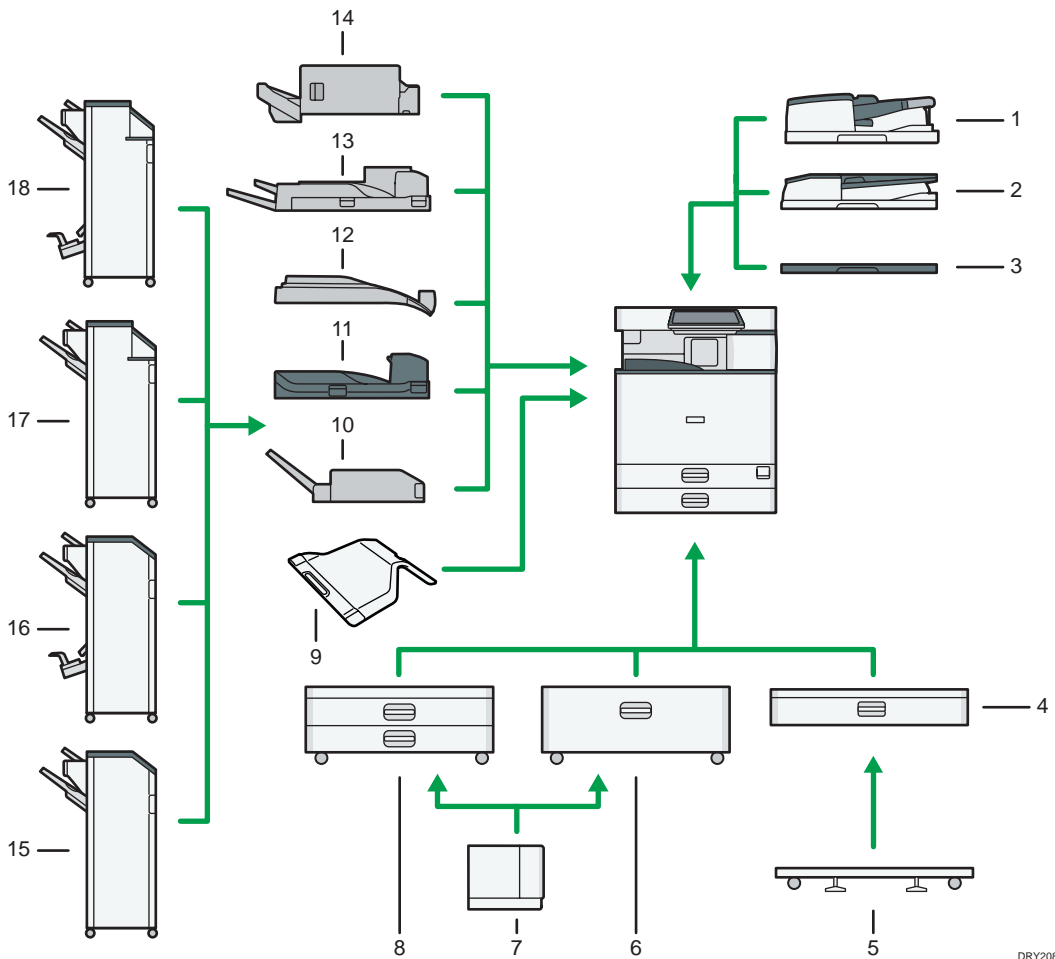
Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.



External options for Type 4 and 5  Region **A** (mainly Asia)



**1. One-pass duplex scanning ADF**

Load a stack of originals here. They will feed in automatically.

**2. ARDF**

Load a stack of originals here. They will feed in automatically.

**3. Exposure glass cover**

Lower this cover over originals.

**4. Lower paper tray**

Paper is loaded here.

**5. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**6. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**7. Large capacity tray (LCT)**

Paper is loaded here.

**8. Lower paper trays**

Consists of two paper trays.

**9. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**10. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**11. Bridge unit**

Relays paper to the finisher.

**12. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**13. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**14. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**15. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**16. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**17. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

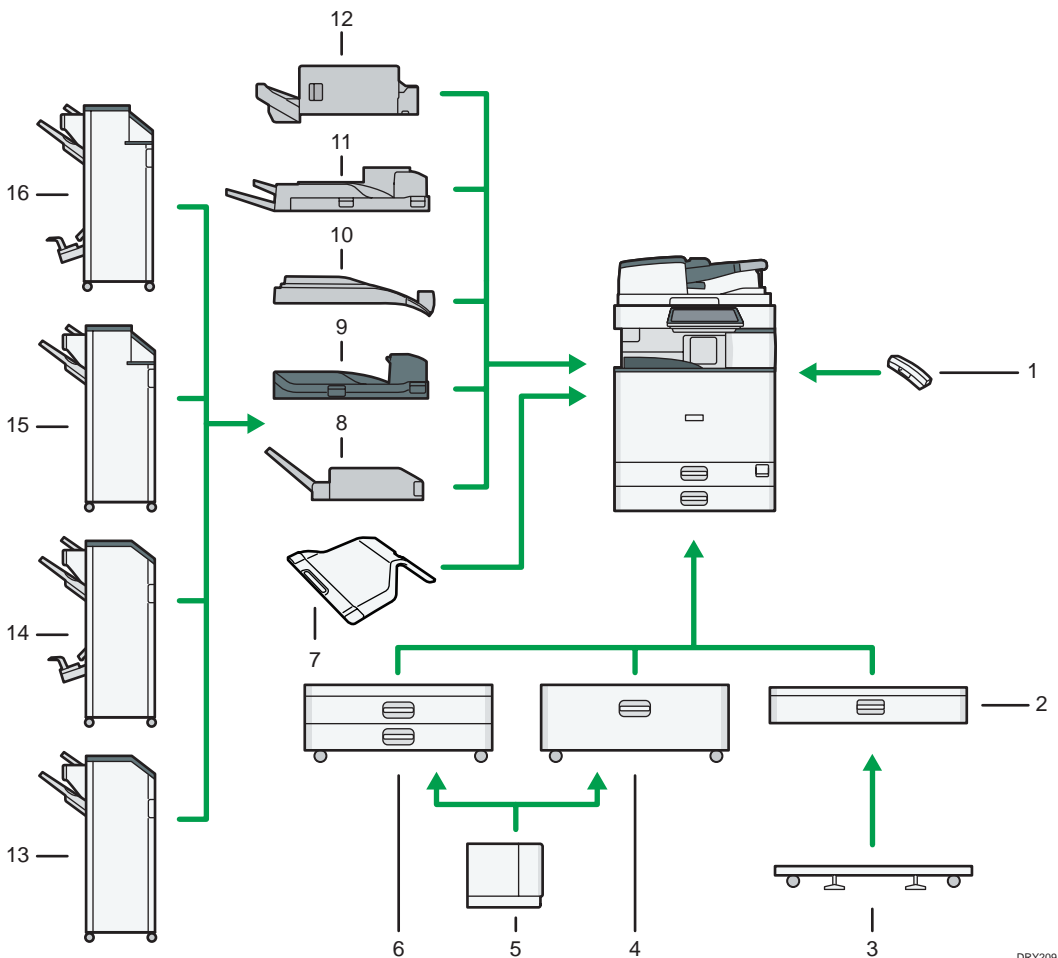
### 18. Booklet Finisher SR3240

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

### External options for Type 4 and 5 Region B (mainly North America)



DRY209

#### 1. Handset

Used as a receiver when a fax unit is installed.

Allows you to use the On Hook Dial and Manual Dial functions. It also allows you to use the machine as a telephone.

**2. Lower paper tray**

Paper is loaded here.

**3. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**4. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**5. Large capacity tray (LCT)**

Paper is loaded here.

**6. Lower paper trays**

Consists of two paper trays.

**7. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**8. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**9. Bridge unit**

Relays paper to the finisher.

**10. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**11. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**12. Internal Finisher SR3130**

Sorts, stacks, and staples multiple sheets of paper.

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**14. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**15. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

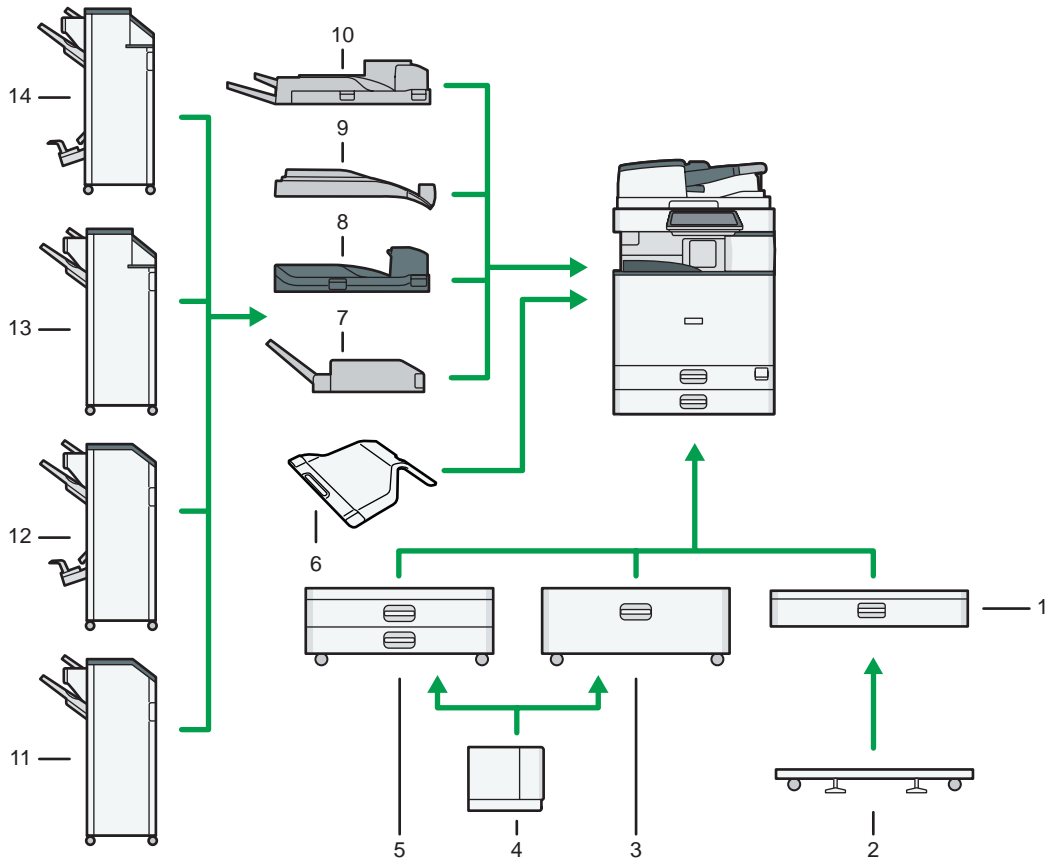
**16. Booklet Finisher SR3240**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**External options for Type 6  Region A (mainly Europe and Asia)**



DRY210

**1. Lower paper tray**

Paper is loaded here.

**2. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**3. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**4. Large capacity tray (LCT)**

Paper is loaded here.

**5. Lower paper trays**

Consists of two paper trays.

**6. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**7. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**8. Bridge unit**

Relays paper to the finisher.

**9. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**10. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**11. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**12. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Finisher SR3230**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

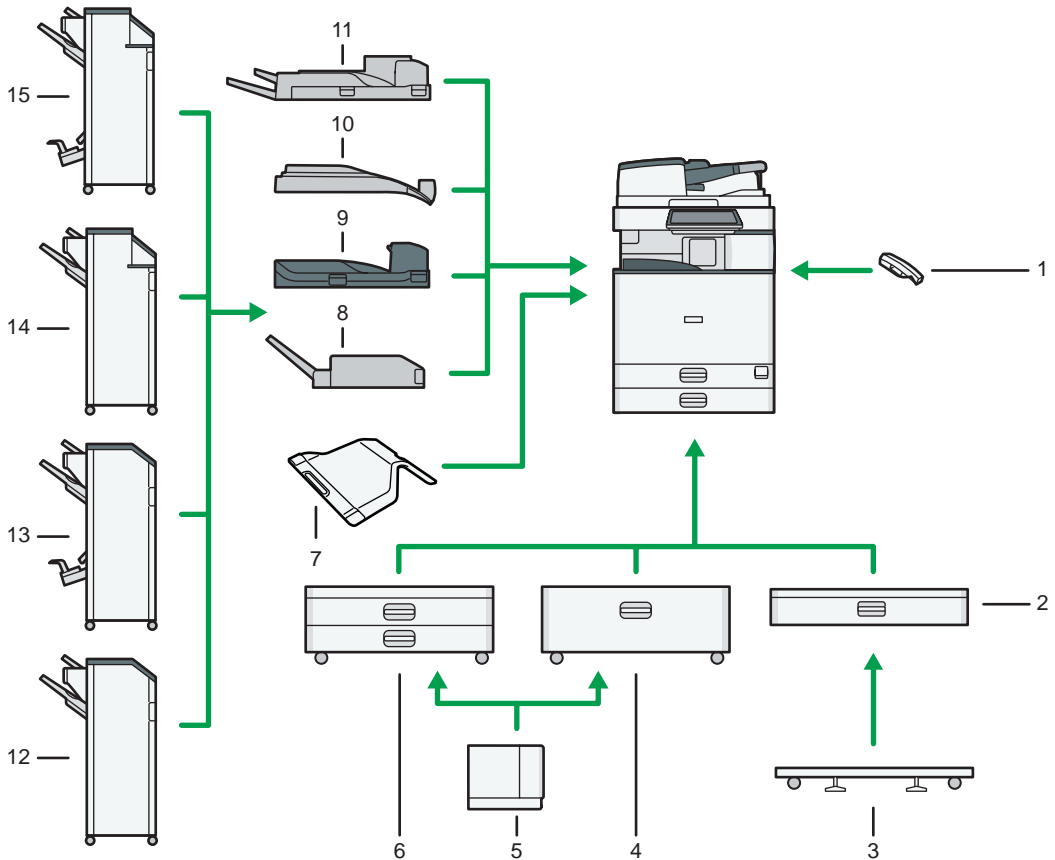
#### 14. Booklet Finisher SR3240

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

### External options for Type 6 Region B (mainly North America)



DRY212

#### 1. Handset

Used as a receiver when a fax unit is installed.

Allows you to use the On Hook Dial and Manual Dial functions. It also allows you to use the machine as a telephone.

**2. Lower paper tray**

Paper is loaded here.

**3. Caster table for lower paper tray**

To use the lower paper tray, attach the caster table.

**4. Tray 3 (LCT)**

Consists of two paper trays.

You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.

**5. Large capacity tray (LCT)**

Paper is loaded here.

**6. Lower paper trays**

Consists of two paper trays.

**7. Internal tray 2**

If you select this as the output tray, copied/printed paper or fax messages are delivered here face down.

**8. Internal Multi-Folding unit**

The Internal Multi-Folding unit can apply the following folds: Half Fold, Letter Fold-out, Letter Fold-in, and Z-fold.

**9. Bridge unit**

Relays paper to the finisher.

**10. Internal shift tray**

Sorts and stacks multiple sheets of paper.

**11. External tray**

If you select this as the output tray, copied/printed paper and fax messages are delivered here face down.

**12. Finisher SR3210**

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

**13. Booklet Finisher SR3220**

Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.



#### 14. Finisher SR3230

Sorts, stacks, and staples multiple sheets of paper. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray

Copies can be punched if the optional punch unit is installed on the finisher.

#### 15. Booklet Finisher SR3240

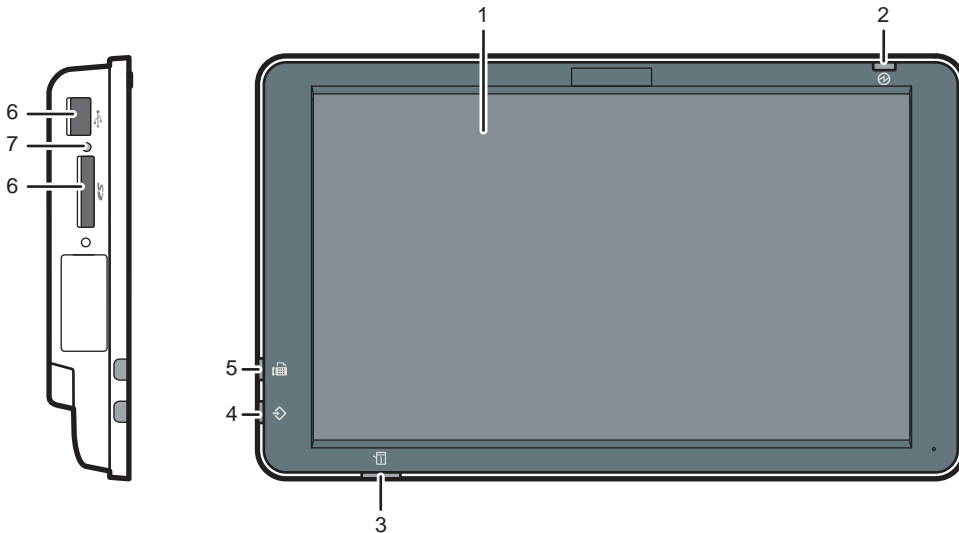
Sorts, stacks, and staples multiple sheets of paper. The saddle stitch function can staple multiple sheets of paper in the center and fold them into booklets. Consists of the following paper trays:

- Finisher upper tray
- Finisher shift tray
- Finisher booklet tray

Copies can be punched if the optional punch unit is installed on the finisher.

# Guide to the Names and Functions of the Machine's Control Panel

2



DCH009

## 1. Display panel

This is a touch panel display that features icons, keys, shortcuts, and widgets that allow you to navigate the screens of the various functions and applications and provide you with information about operation status and other messages. See page 58 "How to Use the [Home] Screen" and page 64 "How to Use Each Application".

## 2. Main power indicator

The main power indicator goes on when you turn on the main power switch. When the machine is in Sleep mode, the main power indicator flashes slowly. In Fusing Unit Off mode, the main power indicator is lit.

## 3. Status indicator

Indicates the status of the system. Stays lit when an error occurs or the toner runs out.

## 4. Data In indicator (facsimile and printer mode)

Flashes when the machine is receiving print jobs or LAN-Fax documents from a computer. See Fax and Print.

## 5. Fax indicator

Indicates the status of the fax functions. Flashes during data transmission and reception. Stays lit when receiving a fax via Confidential or Substitute Reception.

## 6. Media slots


Use to insert an SD card or a USB flash memory device. For details, see "Inserting/Removing a Memory Storage Device", Getting Started.

## 7. Media access lamp

Lights up when an SD card is inserted in the media slot.

# Changing the Display Language

You can change the language used on the display. English is set as default.

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Change Langs. Widget] icon.
3. Select the language you want to display.
4. Press [OK].

# How to Use the [Home] Screen

The [Home] screen is set as the default screen when the machine is turned on.

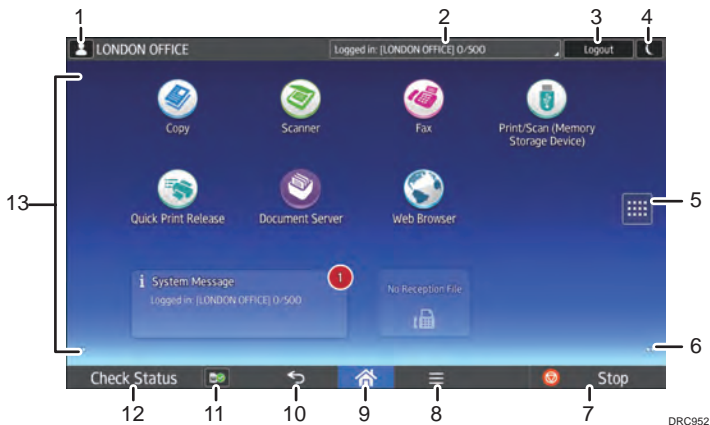
One icon is assigned to each function, and these icons are displayed on the [Home] screen. You can add shortcuts to frequently used functions or Web pages to the [Home] screen. Also, you can register widgets such as the Change Langs. Widget to it. The [Home] screen and the screen of each function may differ depending on the optional units that are installed.

To display the [Home] screen, press [Home] (🏠) at the bottom of the screen in the center.

## ★ Important

- Do not apply strong impact or force to the screen, or it may be damaged. Maximum force allowable is approx. 30N (approx. 3 kgf). (N = Newton, kgf = Kilogram force. 1 kgf = 9.8N.)

To switch between screens, flick your finger to the right or left on the screen.



### 1. Logged-in user icon

When user authentication is enabled, an icon is displayed that indicates that users are logged in.

Press the icon to show the names of the users that are currently logged in.

### 2. System message

Displays messages from the machine system and applications.

### 3. [Login]/[Logout]

These keys are displayed when user authentication is enabled. When you press [Login], the authentication screen appears. If you have been already logged in to the machine, [Logout] appears. To log out of the machine, press [Logout].

For details about how to log in and out, see page 83 "Logging In the Machine".

### 4. [Energy Saver] (🌙)

Press to switch to Sleep mode.

For details about the modes, see "Saving Energy", Getting Started.

**5. Application list icon** 

Press to display the application list. You can create shortcuts to the applications on the [Home] screen.

To use an application displayed in the [Widgets] tab and [Program] tab, create a shortcut for the application on the [Home] screen. For details, see "Customizing the [Home] Screen", Convenient Functions.

**6. Icons to switch between screens** 

Press to switch between the five home screens. The icons appear at the bottom right and left of the screen, the number of icons indicates the number of screens on each side of the current screen.

**7. [Stop]**

Press to stop a job in progress, such as copying, scanning, faxing, or printing.

**8. [Menu]** 

Displays the menu screen of the application you are using. Depending on the application you are using, this key may be disabled. You can also press this key in the [Home] screen to restore the [Home] screen's settings to their defaults.

**9. [Home]** 

Press to display the [Home] screen.

**10. Return** 

Press this key to return to the previous screen while Screen Features are enabled or applications are used. Depending on the application you are using, this key may be disabled. You can specify whether this key is enabled or not in some applications. For details about the settings, see "Screen Features", Connecting the Machine/ System Settings.

**11. [Media Information]**  / 

Press to remove the inserted SD card or USB flash memory device from the media slot. For details, see "Removing an SD Card" or "Removing a USB Flash Memory Device", Getting Started.

**12. [Check Status]**

Press to check the machine's system status, operational status of each function, and current jobs. You can also display the job history and the machine's maintenance information.

**13. Icon display area**

Displays the function or application icons and widgets. Displayed icons differ between the five home screens. For details about icons on each screen, see "Main Icons on the [Home] Screen", Getting Started.

You can also add shortcuts and arrange icons using folders. For details, see "Customizing the [Home] Screen", Convenient Functions.

**Note**

- You can change the [Home] screen's wallpaper. For details, see "Changing the [Home] Screen's Wallpaper", Convenient Functions.
- You can switch modes by pressing icons on the [Home] screen. You can also switch modes by pressing the function keys. For details about the function keys, see "Changing Modes by Pressing the Function Keys", Getting Started.
- You cannot switch modes in any of the following situations:
  - While scanning an original using the fax or scanner function

- When accessing the following screens:
  - Machine Features
  - Counter
  - Inquiry
  - Address Book Management
  - Tray Paper Settings
  - Current Job / Job History
- During interrupt copying
- During On-hook dialing for fax transmission
- The [Home] screen is set as the default screen when the machine is turned on. You can change this default setting under Function Priority. See "Screen Features", Connecting the Machine/ System Settings.

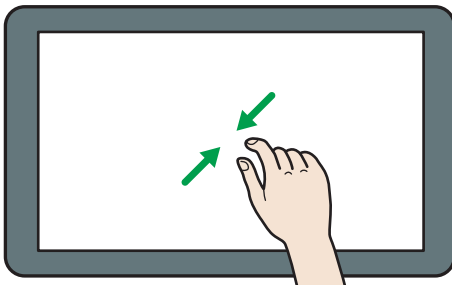
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## Possible Operations on the Standard Application Screen

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- Pinch-in

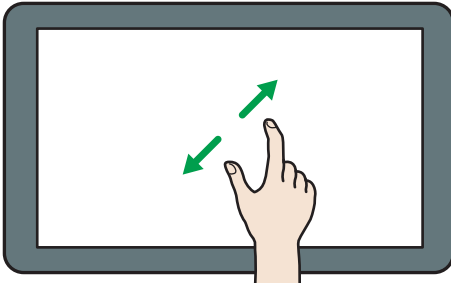
Place your thumb and forefinger on the screen, and then pinch the fingers together to zoom out the screen. Double-tapping can also be effective for this operation.



DNE103

- Pinch-out

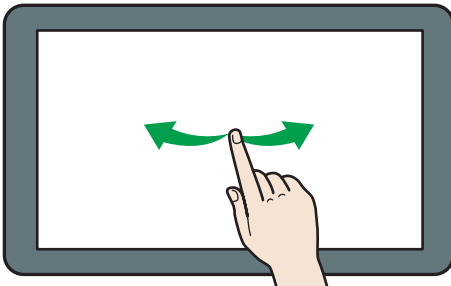
Place your thumb and forefinger on the screen, and then spread the fingers apart to zoom in the screen. Double-tapping can also be effective for this operation.



DNE104

- Flick

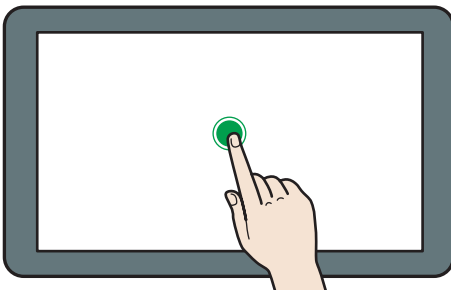
Flick your finger to the right or left on the screen to switch between screens.



DNE102

- Long tap

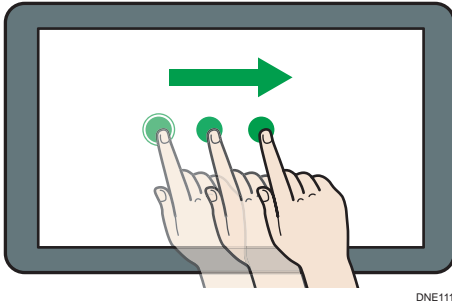
Place your finger on the screen and hold it there until the next screen appears. You can display the menu screen of the application you are using.



DNE101

- Drag

Slide your finger while pressing the screen. You can move an icon to where you want to place it on the screen.



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## Adding Icons to the [Home] Screen



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### Adding shortcuts to the [Home] screen

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You can add shortcuts to the machine's functions.

You can display the icons for the machine's functions and the embedded software applications after you delete them from the [Home] screen.

1. Press [Home]  at the bottom of the screen in the center.
2. Press .
3. Press the [Apps] tab to add a shortcut to an application other than the Classic Applications. Press the [Program] tab to add a shortcut to one of the Classic Applications.
4. Press and hold down the application icon to add a shortcut to an application other than the Classic Applications. Press and hold down the [Classic Applications] icon to add a shortcut to one of the Classic Applications.

The image of where the shortcut is to be placed on the [Home] screen is displayed.

5. Drag the icon to where you want to place it on the screen.

If you want to add a shortcut to the Classic Applications, proceed to Step 6.



6. Select the Classic Applications that you want to add from the list.

---

### Adding shortcuts to bookmarks on the [Home] screen

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You can add shortcuts to bookmarks that have been registered in favorites in the Web Browser to the [Home] screen.

1. Press [Home]  at the bottom of the screen in the center.
2. Press .
3. Press the [Program] tab.



4. Press and hold down the [Bookmark] icon.

The image of where the shortcut is to be placed on the [Home] screen is displayed.

5. Drag the icon to where you want to place it on the screen.

6. Select the bookmark you want to add from the bookmark list.

## Adding shortcuts to programs to the [Home] screen

2

You can add shortcuts to programs registered on Copier, Facsimile, Scanner mode, or quick applications.

1. Display the function screen to which you want to register a program.

2. When you are using the standard applications or quick applications, press [Menu] (☰) at the bottom of the screen in the center. When you are using the Classic Applications, press [Recall/Program/Change Program] on the bottom left of the screen.

3. Register a program.

4. Press [Home] (🏠) at the bottom of the screen in the center.

5. Press (⋮).

6. Press the [Program] tab.

7. To display a program registered to the standard applications or quick applications, hold down the application icon. To display a program registered to the Classic Applications, hold down the [Classic Applications] icon.

The image of where the shortcut is to be placed on the [Home] screen is displayed.

8. Drag the icon to where you want to place it on the screen.

9. Select the program you want to add from the list.

## Adding widgets to the [Home] screen

You can add widgets to the [Home] screen to show the remaining amount of toner or change the display language.

1. Press [Home] (🏠) at the bottom of the screen in the center.

2. Press (⋮).

3. Press the [Widget] tab.

4. Press and hold down the widget icon you want to add.

The image of where the widget is to be placed on the [Home] screen is displayed.

5. Drag the icon to where you want to place it on the screen.

# How to Use Each Application

You can open the function screens by pressing icons such as [Copy], [Fax], or [Scanner] on the [Home] screen.

Three kinds of screens ("Standard Application Screen", "Classic Application Screen", and "Quick Application Screen") can be used by each function.

2

## Standard Application Screen

Functions and settings that are used frequently are shown on the top screen. Flick the screen up or down to select a setting item. When you select an item, the pull-down menu appears, or the setting item pops up. For details about operations on this screen, see page 60 "Possible Operations on the Standard Application Screen". For details about how to use the screen, see page 65 "[Copy] Screen", page 67 "[Fax] Screen", and page 72 "[Scanner] Screen".

## Classic Application Screen

You can select advanced functions and detailed settings according to the functions and settings you use frequently. For details about how to use this screen, see "How to Use Each Application", Getting Started. For details about keys that appear on the screen of each Classic Application, see "Keys that Appear on the Initial Settings Screen and Screens of Each Classic Application", Getting Started.

## Quick Application Screen

You can easily set the basic operations such as duplex copying, sending scanned documents by e-mail, or other operations. For details about how to use this screen, see "How to Use Each Application", Getting Started.

## Functions usable on each screen

Screen	Functions usable
Standard Application Screen	<ul style="list-style-type: none"> <li>• Copier</li> <li>• Fax</li> <li>• Scanner</li> </ul>
Classic Application Screen	<ul style="list-style-type: none"> <li>• Copier</li> <li>• Fax</li> <li>• Scanner</li> <li>• Printer</li> <li>• Document Server</li> </ul>
Quick Application Screen	<ul style="list-style-type: none"> <li>• Copier</li> <li>• Fax</li> <li>• Scanner</li> </ul>

### ↓ Note

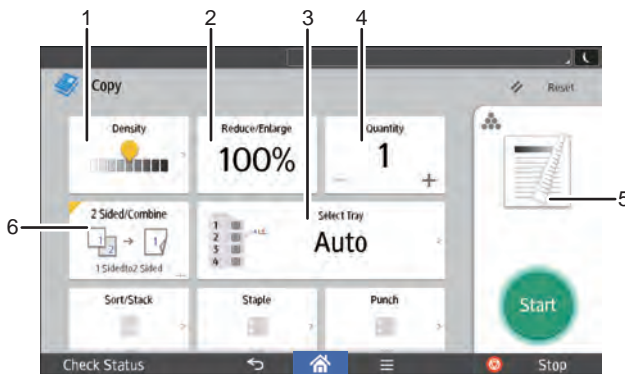
- [Copier (Classic)] icon, [Fax (Classic)] icon, [Scanner (Classic)] icon, and [Printer (Classic)] icon are displayed in the Application list. For details about how to register them to the [Home] screen, see page 62 "Adding Icons to the [Home] Screen".

## [Copy] Screen

2

You can switch the two screens described in this section by flicking the screen up or down.

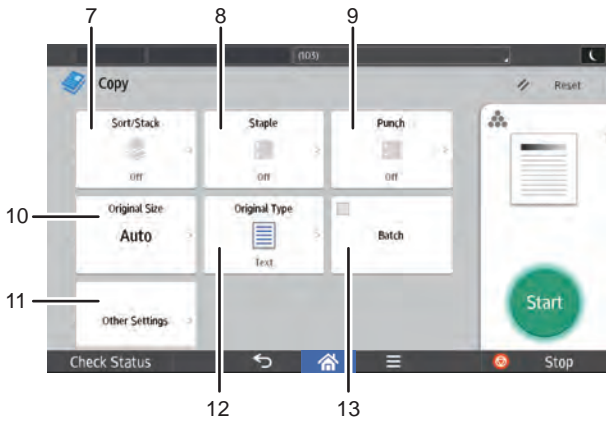
The items on the screen vary depending on the machine's settings.



DRY232

No.	Icon	Description
1		You can adjust the density of the overall original in nine steps. Specify the density by touching the  icon and dragging it right or left.
2	100%	You can reduce or enlarge images.
3	Auto	You can specify the paper tray containing the paper you want to copy to.
4	1	You can specify the numbers of copies to be made. Press a number to enter the number of copies using the keyboard. You can also specify the number of copies by pressing [ <b>+</b> ] or [ <b>-</b> ].
5		Preview prints change according to the settings you make.

No.	Icon	Description
6		You can combine two 1-sided originals or one 2-sided original to one side of a sheet. The machine selects a reproduction ratio automatically and copies the originals onto a single sheet of copy paper.

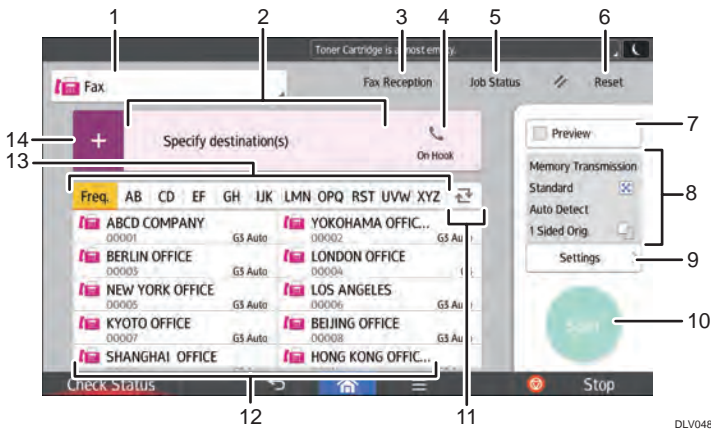


DQA115

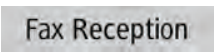
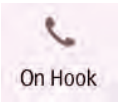





No.	Icon	Description
7		You can sort copies as a set in sequential order and stack copies of each page in a multi-page original.
8		You can staple each set of copies together.
9		You can punch each set of copies together.
10	Auto	You can specify the size of the original when copying custom size originals.
11	Other Settings	You can find other settings.
12		You can select an original type that is suitable for your originals.







No.	Icon	Description
13	Batch	You can divide an original that has many pages and scan it in smaller batches while copying it as a single document. To do this, place several pages of the original in the ADF.

## [Fax] Screen



No.	Icon	Description
1		You can switch between items in type of transmission.
2		<p>The specified destination is shown here.</p> <p>By tapping the destination, you can register it to the Address Book or remove it from the destinations.</p> <p>By flicking up and down, you can confirm the selected destinations.</p>

No.	Icon	Description
3		<p>You can perform the following operations related to Fax Reception:</p> <ul style="list-style-type: none"> <li>• Check Stored Reception Files</li> <li>• Operate Personal Box</li> <li>• Print ID Required Print Files</li> <li>• Manual Reception</li> <li>• Print Memory Lock</li> <li>• Check Reception File Settings</li> </ul>
4		<p>This function allows you to dial while listening to the dial tone from the internal speaker with the handset of the machine or external telephone on-hook.</p>
		<p>The total number of the selected destinations appears.</p> <p>Press to display a screen to confirm destinations.</p> <p>In the screen to confirm destinations, you can do the following:</p> <ul style="list-style-type: none"> <li>• Register destinations to the Address Book</li> <li>• Edit destinations</li> <li>• Remove destinations from the destination list</li> </ul>
5		<p>You can perform the following operations related to Job Status:</p> <ul style="list-style-type: none"> <li>• Confirm Transmission Standby Files</li> <li>• Check Transmission Results</li> <li>• Check Reception Results</li> <li>• Print Journals</li> </ul>
6		<p>Press to clear your current settings.</p>
7		<p>Press to display the preview screen after scanning originals.</p>
8		<p>You can check the settings in Settings.</p>

No.	Icon	Description
9		Press to open the settings screen. For details, see page 69 "[Settings] screen".
10		Press to scan originals and start sending.
11		Press to switch the section of the Address Book.
12		Shows the destinations in the Address Book.
13		The sections of the Address Book.
14		<p>Press to add a destination.</p> <p>Destinations can be added as follows:</p> <ul style="list-style-type: none"> <li>• Input destinations manually</li> <li>• Select from the transmission history</li> <li>• Specify a registration number from the Address Book</li> <li>• Search for a destination in the Address Book or on the LDAP server</li> <li>• Press to display the Remaining Memory Information</li> </ul>

## [Settings] screen

You can switch the three screens described in this section by flicking the screen up or down.

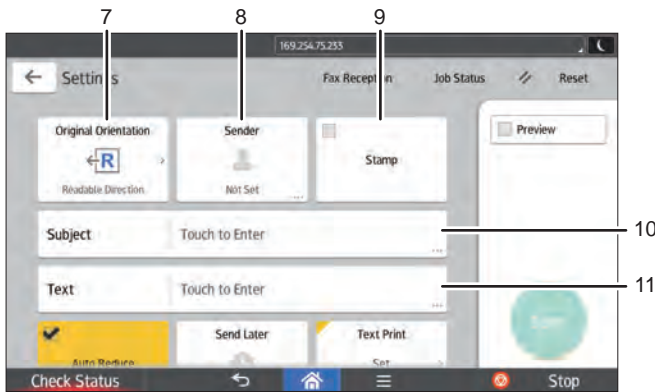
The items on the screen vary depending on the machine's settings.



DRY233

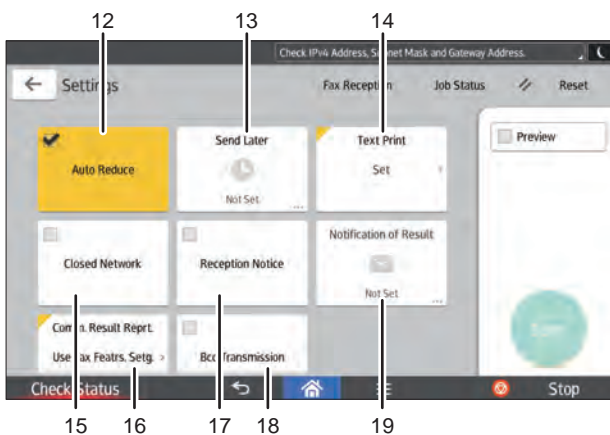
No.	Icon	Description
1		You can switch to immediate transmission mode. Unless immediate transmission is selected, memory transmission mode is selected by default.
2		You can select an original type that is suitable for your originals.
3		Press to select the resolution according to the size of the text on your original.
4		Press to specify the density to scan the original. You can also specify the density by touching the  icon and dragging it right or left.
5		Press to select the scanning size of the original.
6		Press to select the sides of the original.





DRY217

No.	Icon	Description
7		Press to select the orientation of the original.
8		Press to specify the sender.
9		Press to specify settings for stamps.
10		Specify the Internet Fax/E-Mail subject.
11		Specify the Internet Fax/E-Mail Text.

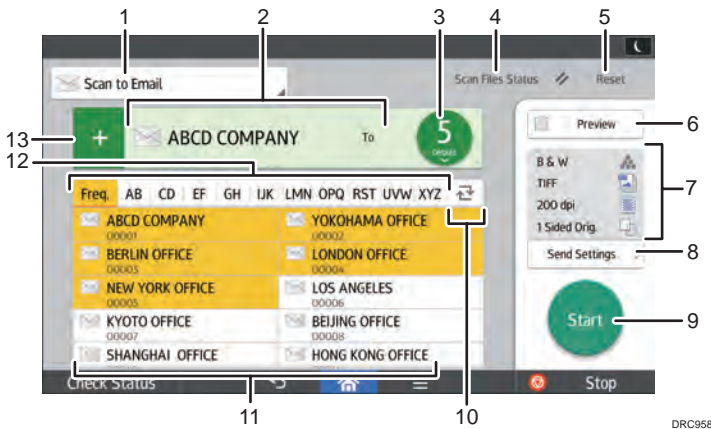


DRY218










No.	Icon	Description
12		Page Separation and Length Reduction.

No.	Icon	Description
13		You can specify settings to automatically send files directly or via F-code confidential communication at a specified time.
14	Set	You can select a standard message to be printed.
15	Closed Network	You can send files over a closed network.
16	Use Fax Featrs. Setg. >	Once memory transmission is complete, you can have the result printed.
17	Reception Notice	Requesting Reception Confirmation.
18	Bcc Transmission	Specifying Internet Fax/E-Mail Destinations as BCC Addresses.
19		You can receive a transmission notification by e-mail.

**[Scanner] Screen**



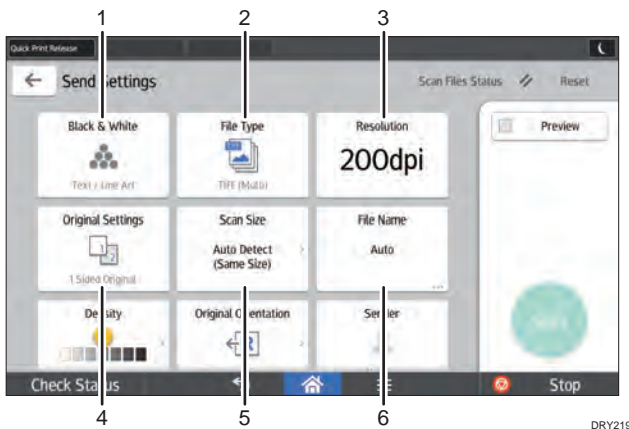
No.	Icon	Description
1		Displays the type of scanner destination. Press to switch between e-mail destinations and folder destinations.

No.	Icon	Description
2		<p>The specified destination is shown here.</p> <p>By tapping the destination, you can register it to the Address Book or remove it from the destinations.</p> <p>By flicking up and down, you can confirm the selected destinations.</p>
3		<p>The total number of the selected destinations appears.</p> <p>Press to display a screen to confirm destinations.</p> <p>In the screen to confirm destinations, you can do the following:</p> <ul style="list-style-type: none"> <li>• Switch the "To", "Cc", and "Bcc" fields of the e-mail destinations</li> <li>• Register destinations to the Address Book</li> <li>• Edit destinations</li> <li>• Remove destinations from the destination list</li> </ul>
4		<p>Press to display the transmission results screen.</p> <p>In the transmission results screen, you can do the following:</p> <ul style="list-style-type: none"> <li>• Check sent jobs</li> <li>• Check error descriptions</li> <li>• Cancel transmission of a document in standby</li> <li>• Print a list of transmission results</li> </ul>
5		Press to clear your current settings.
6		Press to display the preview screen after scanning originals.
7		You can check the settings in Send Settings.
8		Press to open the send settings screen. For details, see page 74 "[Send Settings] screen".
9		Press to scan originals and start sending.
10		Press to switch the section of the Address Book.

No.	Icon	Description
11		Shows the destinations in the Address Book. If a password or protection code is specified to a folder destination, enter the password or protection code on the screen displayed after tapping the folder destination.
12		The sections of the Address Book.
13		Press to add a destination. Destinations can be added as follows: <ul style="list-style-type: none"> <li>• Input destinations manually</li> <li>• Select from the transmission history</li> <li>• Specify a registration number from the Address Book</li> <li>• Search for a destination in the Address Book or on the LDAP server</li> </ul>



**[Send Settings] screen**

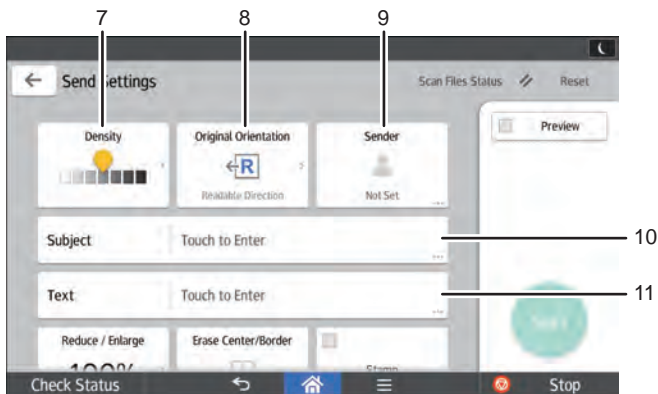
You can switch the four screens described in this section by flicking the screen up or down. The items on the screen vary depending on the machine’s settings.









DRY219

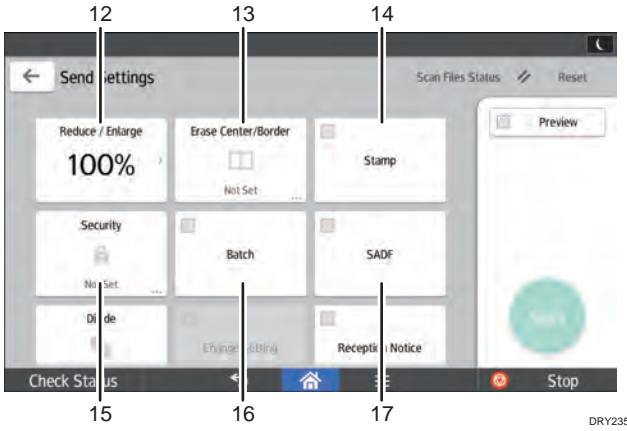
No.	Icon	Description
1		Press to select the settings that are appropriate for the type of your original and color mode.
2		Press to select a file type.
3		Press to select the resolution to scan the original.

No.	Icon	Description
4		Press to select the sides of the original to scan, such as one side or both sides.
5		Press to select the scanning size of the original.
6	Auto	Press to specify a file name.



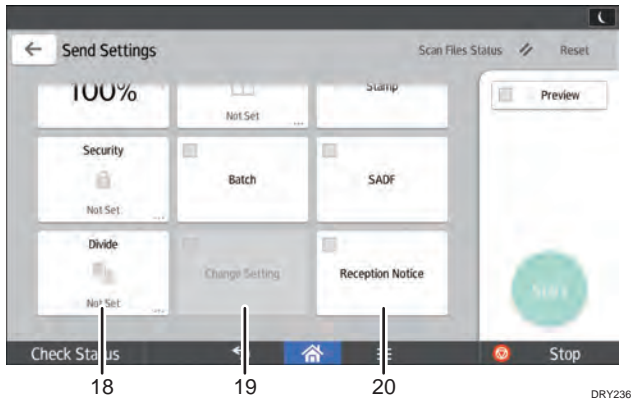
DRY234




No.	Icon	Description
7		Press to specify the density to scan the original. You can also specify the density by touching the  icon and dragging it right or left.
8		Press to select the orientation of the original.
9		Press to specify the sender.
10		Press to enter the subject of the e-mail.
11		Press to enter the main text of the e-mail.



DRY235

No.	Icon	Description
12	100%	Press to specify the magnification ratio for scanning the original.
13		Press to erase the image from a specified width around the document and in the center of the document when the document is scanned.
14	Stamp	Press to specify settings for stamps.
15		Press to sign and encrypt the e-mail.
16	Batch	Press to scan a large number of originals in several batches and send them together as a single job. You can place multi-page originals in the ADF.
17	SADF	Press to scan a large number of originals in several batches and send them together as a single job. Place the originals in the ADF one by one.



No.	Icon	Description
18		Press to divide a multi-page original into parts of a specified number of pages each, and then send the documents.
19		To switch the scan setting for additional originals to [1 Sided Original] after scanning one side of the last page of a batch of two-sided originals using the exposure glass, press [Change Setting], and then press [1 Sided Original]. You can select this only if [Batch] or [SADF] is also selected.
20		Press this to notify the sender that the e-mail recipient has opened the e-mail.

# Registering Functions in a Program

Depending on the functions, the number of programs that can be registered is different.

## Standard Applications

- Copy: 25 programs
- Fax: 100 programs
- Scanner: 100 programs

## Quick Applications

- Quick Copy: 25 programs
- Quick Fax: 100 programs
- Quick Scanner: 100 programs

The following settings can be registered to programs:

## Standard Applications

- Copy:  
Density, Reduce/Enlarge, Quantity, Paper Tray, 2 Sided, Combine, Sort, Stack, Staple, Original Size, Original Type, Batch, Other Settings
- Fax:  
Destination, Preview, Settings
- Scanner:  
Destination, Preview, Send Settings

## Quick Applications

- Quick Copy:  
Density, Paper Tray, Quantity, Reduce/Enlarge, 2 Sided, Combine, Staple, Punch, Original Orientation
- Quick Fax:  
Destination, Line, Density, Resolution, Original Orientation, Original Sides, Scan Size, Original Type, Preview, Stamp
- Quick Scanner:  
Destination, Original Type, File Type, Resolution, Original Orientation, Original Sides, Scan Size, Preview

This section explains how to register functions to a program by using each application.

## Standard Applications/Quick Applications

1. **Edit the settings so all functions you want to register to a program are selected on the [Copy], [Fax], [Scanner], [Quick Copy], [Quick Fax], or [Quick Scanner] screen.**



2. Press [Menu] (☰) at the bottom of the screen in the center.
3. Press [Reg. Current Setting to Program].
4. Press the program number you want to register.
5. Enter the program name.
6. Select the icon for the program.
7. Press [Prev. Screen].

When using the quick application, press [Previous Scr.].

8. Press [OK].
9. Press [Place].

Even if you select [Do not Place], you can add shortcuts to the program to the [Home] screen after the program registration is complete.

10. Press [Exit].

#### ↓ Note

- The number of characters you can enter for a program name varies depending on the functions as follows:
  - Standard Applications
    - Copy: 40 characters
    - Fax: 40 characters
    - Scanner: 40 characters
  - Quick Applications
    - Quick Copy: 40 characters
    - Quick Fax: 40 characters
    - Quick Scanner: 40 characters
- When a specified program is registered as the default, its values become the default settings, which are displayed without recalling the program, when modes are cleared or reset, and after the machine is turned on. See "Changing the Default Functions of the Initial Screen", Convenient Functions.
- When the paper tray you specified in a program is empty and if there is more than one paper tray with the same size paper in it, the paper tray prioritized under [Paper Tray Priority: Copier] or [Paper Tray Priority: Fax] in the [Tray Paper Settings] tab will be selected first. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings.
- Destinations can be registered to a program of the scanner mode only when [Include Destinations] is selected for [Program Setting for Destinations] in [Scanner Features]. For details about the setting, see "General Settings", Scan.

- Folder destinations that have protection codes cannot be registered to a program of the scanner mode.
- Programs are not deleted by turning the power off or by pressing [Reset] unless the program is deleted or overwritten.
- When you are using the Classic Applications, program numbers with ↻ next to them indicate that the programs have been registered.
- Programs can be registered to the [Home] screen, and can be recalled easily. For details, see page 62 "Adding Icons to the [Home] Screen". Shortcuts to programs stored in Document Server mode cannot be registered to the [Home] screen.

# Turning On/Off the Power

## ★ Important

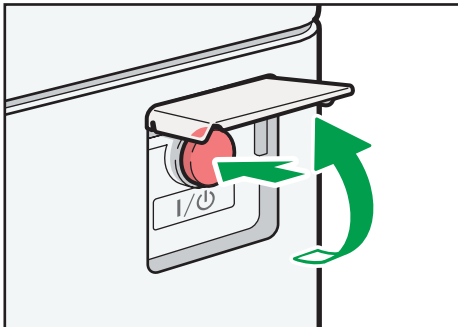
- When you push the main power switch, wait at least 10 seconds after it is confirmed that the main power indicator has lit up or gone out.

The main power switch is on the right side of the machine. When this switch is turned on, the main power turns on and the main power indicator on the right side of the control panel lights up. When this switch is turned off, the main power turns off and the main power indicator on the right side of the control panel goes out. When this is done, machine power is off. When the fax unit is installed, fax files in memory may be lost if you turn this switch off. Use this switch only when necessary.

## Turning On the Main Power

1. Make sure the power cord is firmly plugged into the wall outlet.
2. Open the main power switch cover, and push the main power switch.

The main power indicator goes on.



DLV015

## Turning Off the Main Power

### ⚠ CAUTION

- When disconnecting the power cord from the wall outlet, always pull the plug, not the cord. Pulling the cord can damage the power cord. Use of damaged power cords could result in fire or electric shock.

## ★ Important

- Do not turn off the power while the machine is in operation.
- Do not hold down the main power switch while turning off the main power. Doing so forcibly turns off the machine's power and may damage the hard disk or memory and cause malfunctions.

**1. Open the main power switch cover, and push the main power switch.**

The main power indicator goes out. The main power turns off automatically when the machine shuts down. If the screen on the control panel does not disappear, contact your service representative.

# Logging In the Machine

## When the Authentication Screen is Displayed

If Basic Authentication, Windows Authentication, or LDAP Authentication is active, the authentication screen appears on the display. The machine only becomes operable after entering your own Login User Name and Login Password. If User Code Authentication is active, you cannot use the machine until you enter the User Code.

If you can use the machine, you can say that you are logged in. When you go out of the operable state, you can say that you are logged out. After logging in the machine, be sure to log out of it to prevent unauthorized usage.

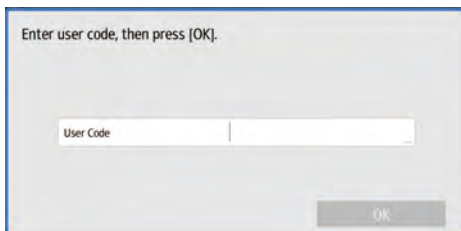
### ★ Important

- Ask the user administrator for the Login User Name, Login Password, and User Code. For details about user authentication, see "Configuring User Authentication", Security Guide.
- User Code to enter on User Code Authentication is the numerical value registered in the Address Book as "User Code".

## User Code Authentication Using the Control Panel

If User Code Authentication is active, a screen prompting you to enter a User Code appears.

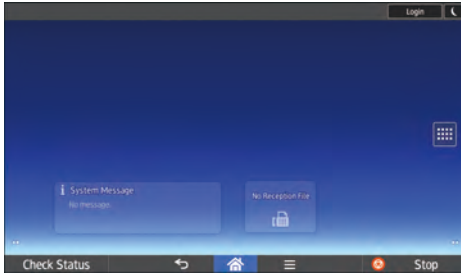
1. Enter a User Code (up to eight digits), and then press [OK].



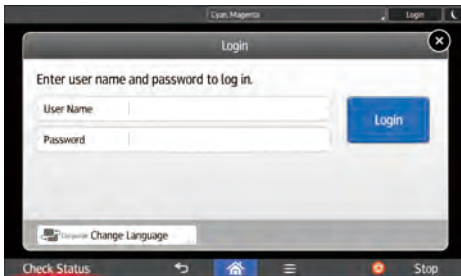
## Logging In Using the Control Panel

This section explains the procedure for logging in to the machine when Basic Authentication, Windows Authentication, or LDAP Authentication is set.

1. Press [Login] on the top right on the screen.



2. Press [User Name].



3. Enter a Login User Name, and then press [Done].
4. Press [Password].
5. Enter a Login Password, and then press [Done].
6. Press [Login].

## Logging Out Using the Control Panel

This section explains the procedure for logging out the machine when Basic Authentication, Windows Authentication, or LDAP Authentication is set.

### ★ Important

- To prevent use of the machine by unauthorized persons, always log out when you have finished using the machine.

1. Press [Logout] on the top right on the screen.



**2. Press [OK].**

# Placing Originals

## Placing Originals on the Exposure Glass Region A (mainly Europe)

2

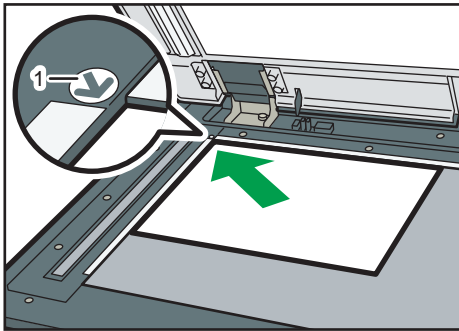
### CAUTION

- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so may result in an injury if your hands or fingers are pinched.

### Important

- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.
1. Lift the ADF.  
Be sure to lift the ADF by more than 30 degrees. Otherwise, the size of the original might not be detected correctly.
  2. Place the original face down on the exposure glass. The original should be aligned to the rear left corner.

Start with the first page to be scanned.



DCG030

1. Positioning mark

3. Lower the ADF.

## Placing Originals on the Exposure Glass Region A (mainly Asia)

### CAUTION

- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so may result in an injury if your hands or fingers are pinched.



### ★ Important

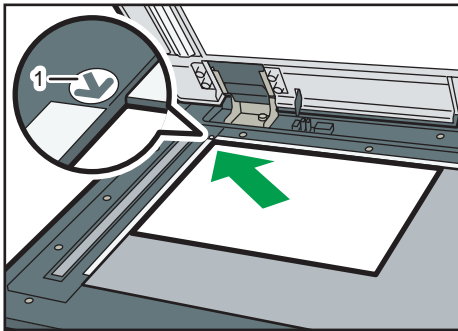
- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.

#### 1. Lift the ADF or the exposure glass cover.

Be sure to lift the ADF or the exposure glass cover by more than 30 degrees. Otherwise, the size of the original might not be detected correctly.

#### 2. Place the original face down on the exposure glass. The original should be aligned to the rear left corner.

Start with the first page to be scanned.



DCG030

#### 1. Positioning mark

#### 3. Lower the ADF or the exposure glass cover.

## Placing Originals on the Exposure Glass Region B (mainly North America)

### ⚠ CAUTION

- Keep your hands away from the hinges and exposure glass when lowering the ADF. Not doing so may result in an injury if your hands or fingers are pinched.

### ★ Important

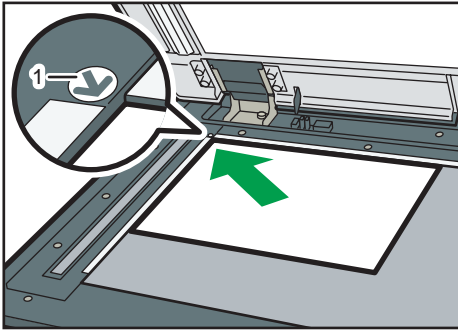
- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.

#### 1. Lift the ADF.

Be sure to lift the ADF by more than 30 degrees. Otherwise, the size of the original might not be detected correctly.

#### 2. Place the original face down on the exposure glass. The original should be aligned to the rear left corner.

Start with the first page to be scanned.



DCG030

1. Positioning mark

3. Lower the ADF.

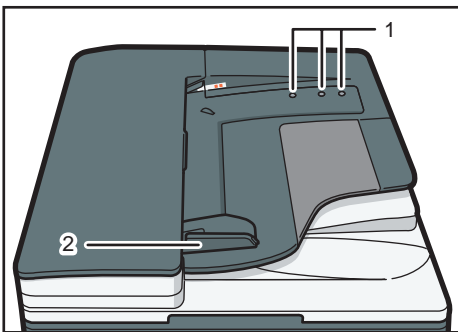
## Placing Originals in the Auto Document Feeder

Be sure not to load the original untidily. Doing so may cause the machine to display a paper misfeed message. Also, be sure not to place originals or other objects on the top cover. Doing so may cause a malfunction.

### ★ Important

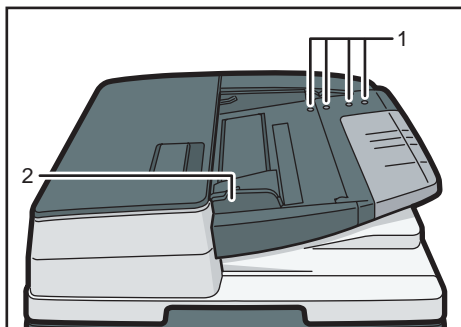
- When inserting originals in the ARDF, push them in once and without force.
- After turning on the power, do not place originals in the ARDF until the "Please wait." message disappears from the copy screen.

### ARDF



DCG007

## One-pass duplex scanning ADF



DCG008

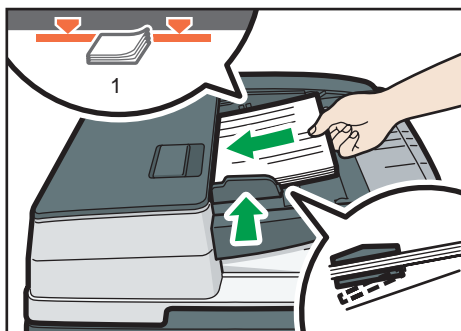
1. Sensors
2. Original guide

1. Adjust the original guide to the original size.
2. Place the aligned originals squarely face up in the ADF.

Do not stack originals beyond the limit mark.

The first page should be on the top.

(The illustration shows the one-pass duplex scanning ADF.)



DLV104

1. Limit mark




# 3. Copy


This chapter describes frequently used copier functions and operations. For information not included in this chapter, see Copy/ Document Server available on our website.

## Basic Procedure


To make copies of originals, place them on the exposure glass or in the ADF.

When placing the original on the exposure glass, start with the first page to be copied. When placing the original in the ADF, place them so that the first page is on the top.


 **Region A** (mainly Europe)

About placing the original on the exposure glass, see page 86 "Placing Originals on the Exposure Glass  **Region A** (mainly Europe)".

 **Region A** (mainly Asia)

About placing the original on the exposure glass, see page 86 "Placing Originals on the Exposure Glass  **Region A** (mainly Asia)".

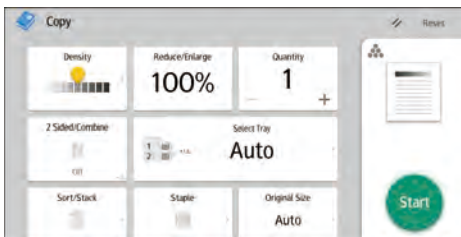
 **Region B** (mainly North America)

About placing the original on the exposure glass, see page 87 "Placing Originals on the Exposure Glass  **Region B** (mainly North America)".

About placing the original in the ADF, see page 88 "Placing Originals in the Auto Document Feeder".

To copy onto paper other than plain paper, specify the paper type in User Tools according to the weight of the paper you are using. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings.

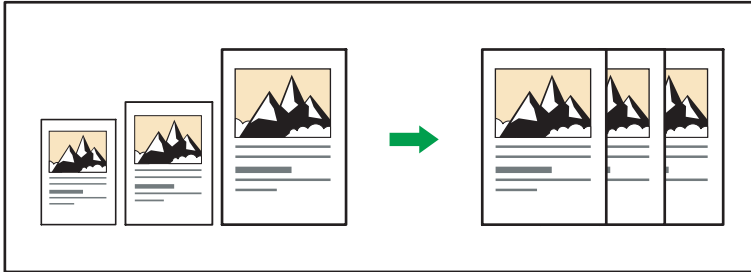
### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

# Auto Reduce / Enlarge

The machine automatically detects the original size and then selects an appropriate reproduction ratio based on the paper size you select.



CKN008

**★ Important**

- If you select a reproduction ratio after pressing [Auto Reduce / Enlarge], [Auto Reduce / Enlarge] is canceled and the image cannot be rotated automatically.

This is useful to copy different size originals to the same size paper.

If the orientation in which your original is placed is different from that of the paper you are copying onto, the machine rotates the original image by 90 degrees and fits it on the copy paper (Rotate Copy). For example, to reduce A3 (11 × 17)☐ originals to fit onto A4 (8½ × 11)☐ paper, select a paper tray containing A4 (8½ × 11)☐ paper, and then press [Auto Reduce / Enlarge]. The image is automatically rotated. For details about Rotate Copy, see "Rotate Copy", Copy/ Document Server.

The original sizes and orientations you can use with this function are as follows:

**Region A (mainly Europe and Asia)**

Original location	Original size and orientation
Exposure glass	A3☐, B4 JIS☐, A4☐☐, B5 JIS☐☐, A5☐, 8½ × 13☐
ADF	A3☐, B4 JIS☐, A4☐☐, B5 JIS☐☐, A5☐☐, B6 JIS☐☐, 11 × 17☐, 8½ × 11☐☐, 8½ × 13☐

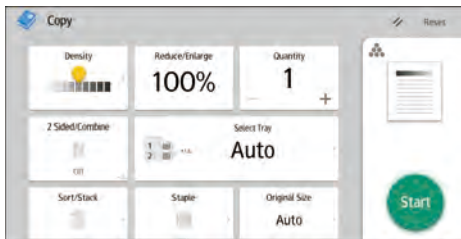
**Region B (mainly North America)**

Original location	Original size and orientation
Exposure glass	11 × 17☐, 8½ × 14☐*1, 8½ × 13 <sup>2</sup> / <sub>5</sub> ☐*1, 8½ × 11☐☐, 5½ × 8½☐

Original location	Original size and orientation
ADF	11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 14□ <sup>*1</sup> , 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □ <sup>*1</sup> , 8 <sup>1</sup> / <sub>2</sub> × 11□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 10 × 14□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, A3□, A4□

\*1 You can switch the initial setting to determine whether the machine detects either 8<sup>1</sup>/<sub>2</sub> × 14□ or 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□.

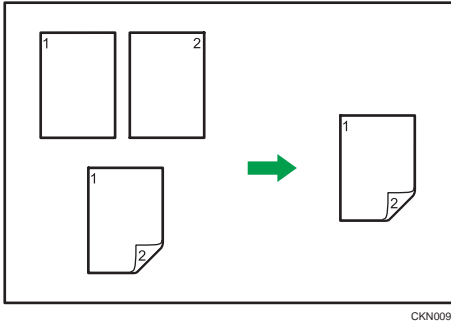
### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

# Duplex Copying

Copies two 1-sided pages or one 2-sided page into a 2-sided page. During copying, the image is shifted to allow for the binding margin.



CKN009

There are two types of Duplex.

### 1 Sided → 2 Sided

Copies two 1-sided pages on one 2-sided page.

### 2 Sided → 2 Sided

Copies one 2-sided page on one 2-sided page.

The resulting copy image will differ according to the orientation in which you place your originals (☐ or ☐).

### Original orientation and completed copies

To copy on both sides of the paper, select the original and copy orientation according to how you want the printout to appear.

Original	Placing originals	Original Orientation	Orientation	Copy
			Top to Top	
			Top to Bottom	

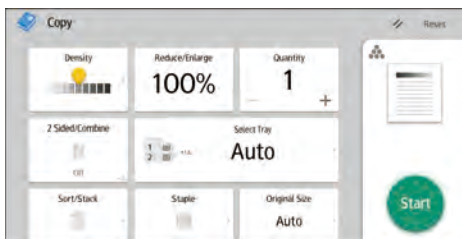


Original	Placing originals	Original Orientation	Orientation	Copy
			Top to Top	
			Top to Bottom	

**Note**

- If the edge of the original is wrinkled or curled, rotate the original 180 degrees. For details, see "Original Orientation", Copy/ Document Server.

**When Using the Copy Application**

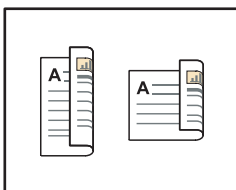


About how to use the application's screen, see page 65 "[Copy] Screen".

**Specifying the Original and Copy Orientation**

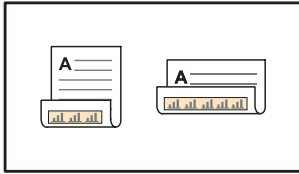
Select the orientation of the originals and copies if the original is two-sided or if you want to copy onto both sides of the paper.

- Top to Top



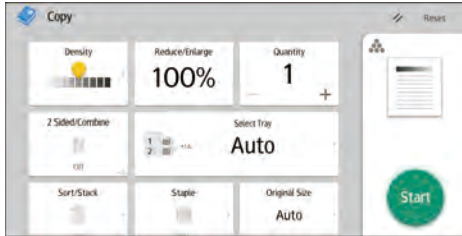
CKN011

- Top to Bottom



CKN012

### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

# Combined Copying

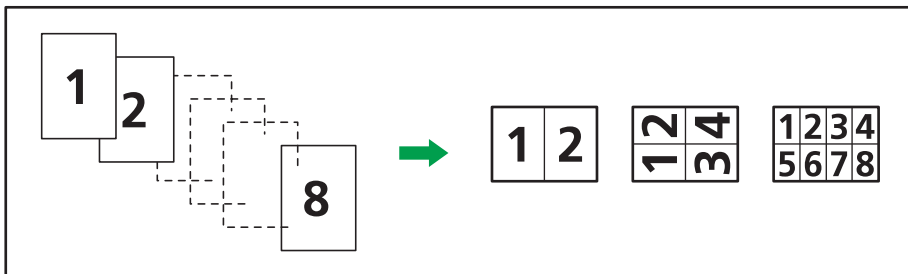
This mode can be used to select a reproduction ratio automatically and copy the originals onto a single sheet of copy paper.

The machine selects a reproduction ratio between 25 and 400%. If the orientation of the original is different from that of the copy paper, the machine will automatically rotate the image by 90 degrees to make copies properly.

## Orientation of the original and image position of Combine

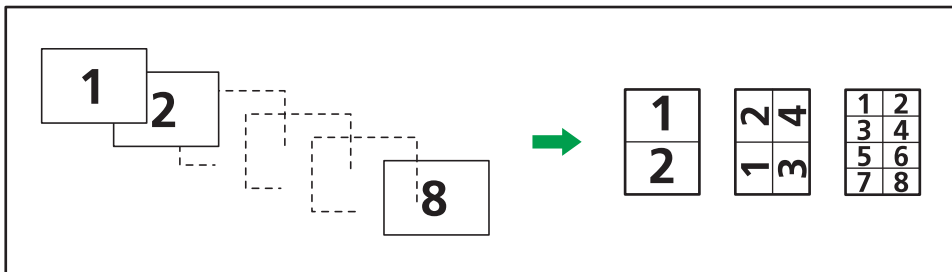
The image position of Combine differs according to original orientation and the number of originals to be combined.

- Portrait (📄) originals



CKN015

- Landscape (📄) originals

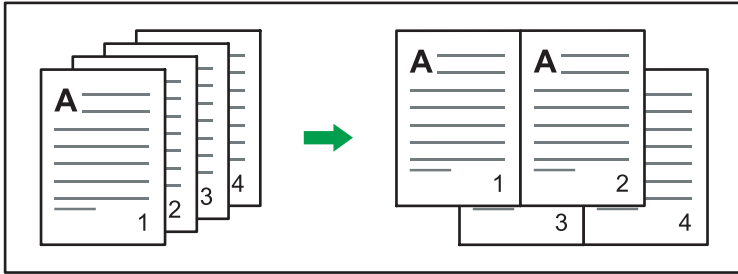


CKN016

## Placing originals (originals placed in the ADF)

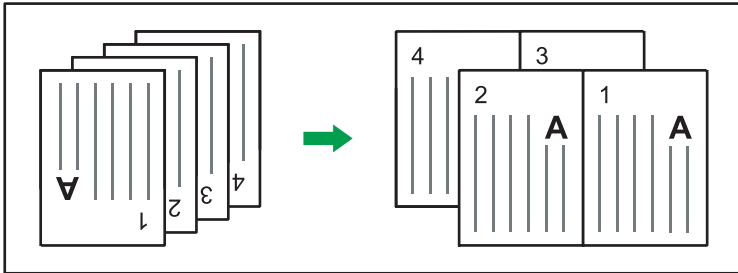
The default value for the copy order in the Combine function is [From Left to Right]. To copy originals from right to left in the ADF, place them upside down.

- Originals read from left to right



CKN010

- Originals read from right to left



CKN017

## One-Sided Combine

Combine several pages onto one side of a sheet.



CKN014

There are six types of One-Sided Combine.

### 1 Sided 2 Originals → Combine 1 Side

Copies two 1-sided originals to one side of a sheet.

### 1 Sided 4 Originals → Combine 1 Side

Copies four 1-sided originals to one side of a sheet.

### 1 Sided 8 Originals → Combine 1 Side

Copies eight 1-sided originals to one side of a sheet.

### 2 Sided 2 Pages → Combine 1 Side

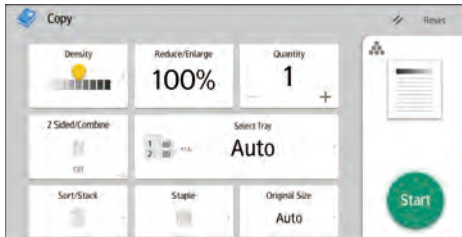
Copies one 2-sided original to one side of a sheet.

**2 Sided 4 Pages → Combine 1 Side**

Copies two 2-sided originals to one side of a sheet.

**2 Sided 8 Pages → Combine 1 Side**

Copies four 2-sided originals to one side of a sheet.

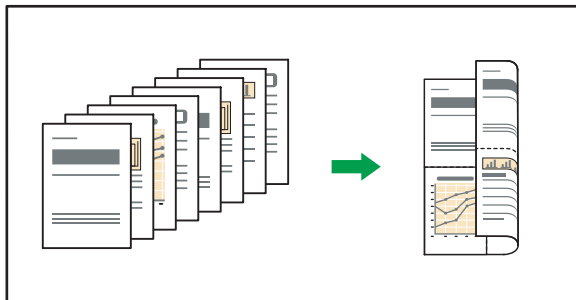
**When Using the Copy Application**

About how to use the application's screen, see page 65 "[Copy] Screen".

3

**Two-Sided Combine**

Combines various pages of originals onto two sides of one sheet.



CKN074

There are six types of Two-Sided Combine.

**1 Sided 4 Originals → Combine 2 Sides**

Copies four 1-sided originals to one sheet with 2 pages per side.

**1 Sided 8 Originals → Combine 2 Sides**

Copies eight 1-sided originals to one sheet with 4 pages per side.

**1 Sided 16 Originals → Combine 2 Sides**

Copies 16 1-sided originals to one sheet with 8 pages per side.

**2 Sided 4 Pages → Combine 2 Sides**

Copies two 2-sided originals to one sheet with 2 pages per side.

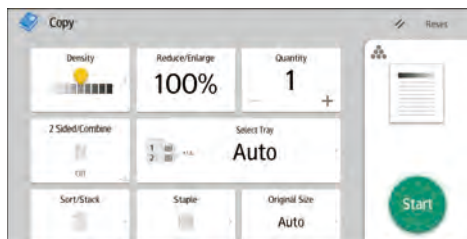
### 2 Sided 8 Pages → Combine 2 Sides

Copies four 2-sided originals to one sheet with 4 pages per side.

### 2 Sided 16 Pages → Combine 2 Sides

Copies eight 2-sided originals to one sheet with 8 pages per side.

### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

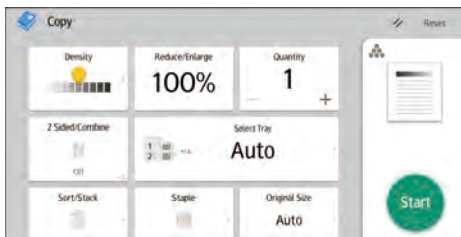
## Copying onto Custom Size Paper

Paper that has a horizontal length of 148.0–600.0 mm (5.83–23.62 inches) and a vertical length of 90.0–304.8 mm (3.55–12.00 inches) can be fed in from the bypass tray. Note however that the limitation on the horizontal and vertical length range will vary depending on which options are installed.

- When prints are delivered to the shift tray of Finisher SR3210 or Booklet Finisher SR3220:  
Horizontal length: 148.0–431.8 mm (5.83–17.00 inches), vertical length: 90.0–304.8 mm (3.55–12.00 inches)
- When prints are delivered to the shift tray of Finisher SR3230, Booklet Finisher SR3240 or Internal tray 2:  
Horizontal length: 148.0–457.2 mm (5.83–18.00 inches), vertical length: 90.0–304.8 mm (3.55–12.00 inches)
- When prints are delivered to the folding unit tray using only the Internal Multi-Folding unit:  
Horizontal length: 148.0–600.0 mm (5.83–23.62 inches), vertical length: 90.0–297.0 mm (3.55–11.69 inches)
- When prints are delivered to other trays:  
Horizontal length: 148.0–600.0 mm (5.83–23.62 inches), vertical length: 90.0–304.8 mm (3.55–12.00 inches)

3

### When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

## Copying onto Envelopes

This section describes how to copy onto regular size and custom size envelopes. Place the original on the exposure glass and place the envelope in the bypass tray or paper tray.

Specify the thickness of the paper according to the weight of the envelopes you are printing on. For details about the relationship between paper weight and paper thickness and the sizes of envelopes that can be used, see page 163 "Recommended Paper Sizes and Types".

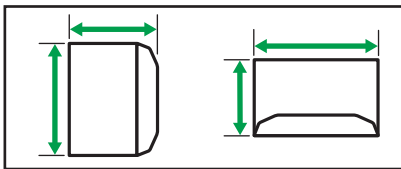
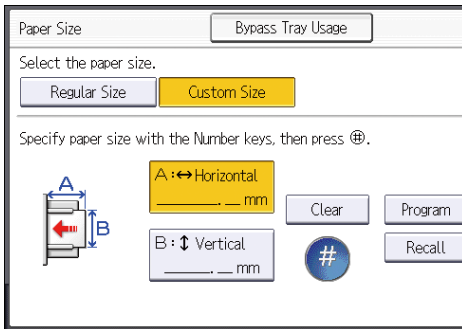
About handling envelopes, supported envelope types, and how to load envelopes, see page 171 "Envelopes".

3

### ★ Important

- **The Duplex function cannot be used with envelopes. If the Duplex function is specified, press [1 sided → 2 sided:TtoT] to cancel the setting.**

To copy onto custom size envelopes, you must specify the envelope's dimensions. Specify the horizontal and vertical length of the envelope.



CJF005

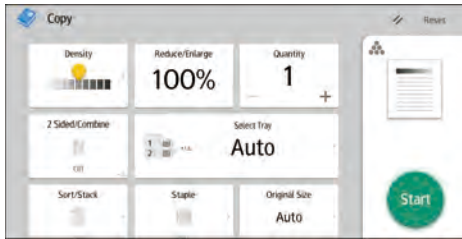
↔: Horizontal

↕: Vertical

Be sure to include the fully open flap in the horizontal dimension.



## When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

# Sort

The machine assembles copies as sets in sequential order.

Depending on your model and which options are installed on it, some of these functions might not be available. For details, see "Functions Requiring Optional Configurations", Getting Started.

**★ Important**

- You cannot use the bypass tray with Rotate Sort.

3

## Sort/Shift Sort

Copies are assembled as sets in sequential order.

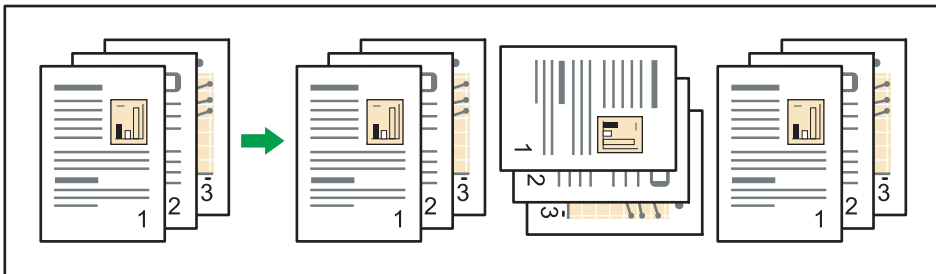
To use Shift Sort, a finisher or the internal shift tray is required. Each time the copies of one set or a job are delivered, the next copy is shifted to separate each set or job.



CKN018

## Rotate Sort

Every other copy set is rotated by 90 degrees (↻) and delivered to the copy tray.



CKN019

To use the Rotate Sort function, two paper trays loaded with paper of the same size and type, but in different orientation (↻), are required. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings.

## When Using the Copy Application



About how to use the application's screen, see page 65 "[Copy] Screen".

3

## Changing the Number of Sets

You can change the number of copy sets during copying.

### ★ Important

- This function can be used only when the Sort function is selected.

## When Using the Copy Application



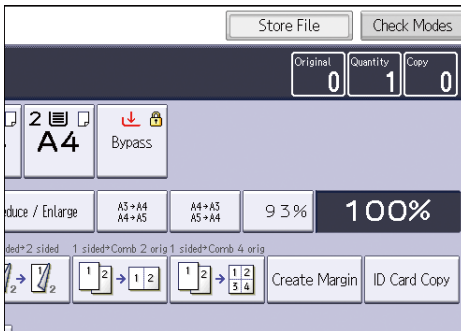
About how to use the application's screen, see page 65 "[Copy] Screen".

## Storing Data in the Document Server

The Document Server enables you to store documents being read with the copy feature on the hard disk of this machine. Thus you can print them later applying necessary conditions.

You can check the stored documents on the Document Server screen. For details about the Document Server, see page 145 "Storing Data".

### 1. Press [Store File].



2. Enter a user name, file name, or password if necessary.
3. Specify a folder in which to store the document if necessary.
4. Press [OK].
5. Place the originals.
6. Make the scanning settings for the original.
7. Press [Start].

Stores scanned originals in memory and makes one set of copies. If you want to store another document, do so after copying is complete.

## 4. Fax

This chapter describes frequently used facsimile functions and operations. For information not included in this chapter, see Fax available on our website.

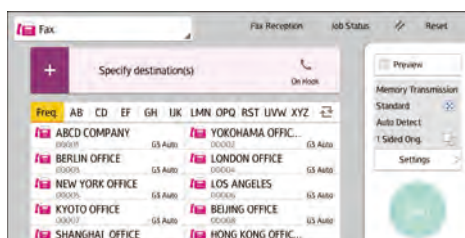
### Basic Procedure for Transmissions (Memory Transmission)

This section describes the basic procedure for transmitting documents using Memory Transmission. You can specify the fax, IP-Fax, Internet Fax, e-mail, or folder destinations. Multiple types of destination can be specified simultaneously.

#### ★ Important

- It is recommended that you call the receivers and confirm with them when sending important documents.
- If there is a power failure (the main power switch is turned off) or the machine is unplugged for about one hour, all the documents stored in memory are deleted. As soon as the main power switch is turned on, the Power Failure Report is printed to help you check the list of deleted files. See "When an Error Is Notified via a Report or E-Mail", Troubleshooting.

#### 📞 When Using the Fax Application



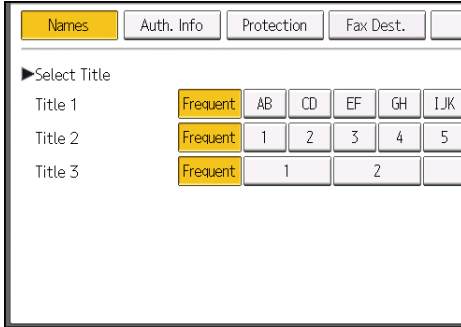
About how to use the application's screen, see page 67 "[Fax] Screen".

### Registering a Fax Destination

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".  
The name entry display appears.
6. Enter the name, and then press [OK].

7. Press [▼Next].

8. Press the key for the classification you want to use under "Select Title".



4

The keys you can select are as follows:

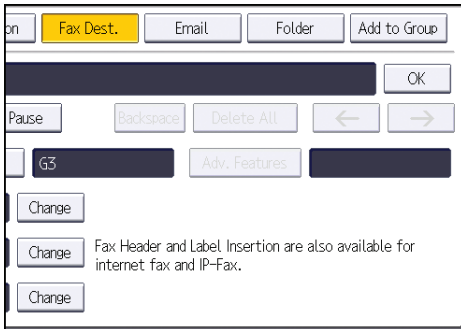
- [Frequent]: Added to the page that is displayed first.
- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

You can select [Frequent] and one more key for each title.

9. Press [Fax Dest.].

10. Press [Change] under "Fax Destination".

11. Enter the fax number using the number keys, and then press [OK].



12. Specify optional settings such as "SUB Code", "SEP Code", and "International TX Mode".

13. Press [OK].


14. Press [User Tools] (⚙️) on the top right of the screen.

15. Press [Home] (🏠) at the bottom of the screen in the center.

## Deleting a Fax Destination

### ★ Important

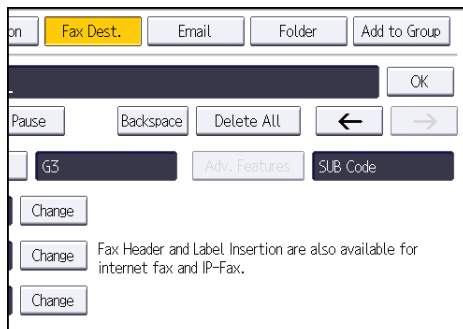
- If you delete a destination that is a specified delivery destination, messages to its registered Personal Box, for example, cannot be delivered. Be sure to check the settings in the fax function before deleting any destinations.

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Select the name whose fax destination you want to delete.

Press the name key, or enter the registered number using the number keys.

You can search by the registered name, user code, fax number, folder name, e-mail address, or IP-Fax destination.

5. Press [Fax Dest.].
6. Press [Change] under "Fax Destination".
7. Press [Delete All], and then press [OK] under "Fax Destination".



8. Press [OK].
9. Press [User Tools]  on the top right of the screen.
10. Press [Home]  at the bottom of the screen in the center.

# Transmitting while Checking Connection to Destination (Immediate Transmission)

Using Immediate Transmission, you can send documents while checking the connection to the destination.

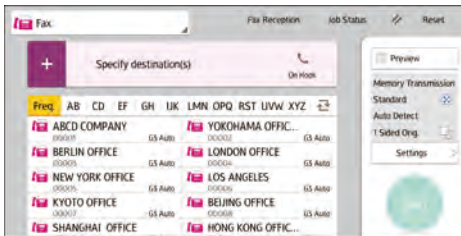
You can specify fax or IP-Fax destinations.

If you specify Internet Fax, e-mail, folder destinations, and group or multiple destinations, the transmission mode is automatically switched to Memory Transmission.

### ★ Important

- It is recommended that you call the receivers and confirm with them when sending important documents.

### 📞 When Using the Fax Application



About how to use the application's screen, see page 67 "[Fax] Screen".



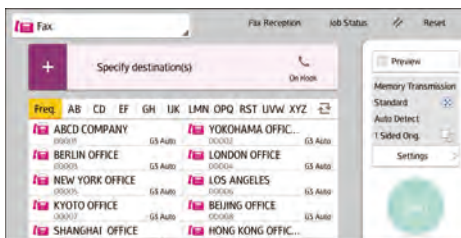
# Canceling a Transmission

This section explains how to cancel a fax transmission.

## Canceling a Transmission Before the Original Is Scanned

Use this procedure to cancel a transmission before pressing [Start].

### When Using the Fax Application



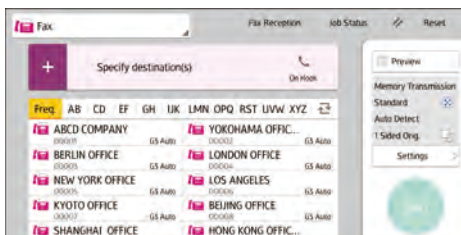
About how to use the application's screen, see page 67 "[Fax] Screen".

## Canceling a Transmission While the Original Is Being Scanned

Use this procedure to cancel scanning or transmitting of the original while it is being scanned.

If you cancel a transmission using the standard memory transmission function, you need to follow a different procedure to cancel the transmission. See page 111 "Canceling a Transmission After the Original Is Scanned".

### When Using the Fax Application



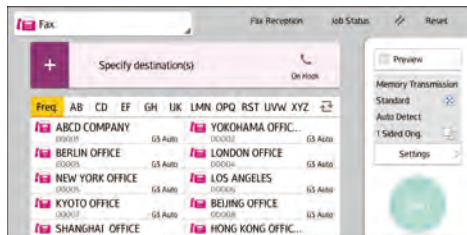
About how to use the application's screen, see page 67 "[Fax] Screen".

## Canceling a Transmission After the Original Is Scanned

Use this procedure to cancel a transmission after the original is scanned.

You can cancel transmission of a file while the file is being sent, stored in memory, or if it fails to transmit. All the scanned data is deleted from memory.

### When Using the Fax Application



About how to use the application's screen, see page 67 "[Fax] Screen".

# Storing a Document

You can store and send a document at the same time. You can also just store a document.

The following information can be set for the stored documents as necessary:

## User Name

You can set this function if necessary to know who and what departments stored documents in the machine. A user name can be selected from the Address Book or entered manually.

## File Name

You can specify a name for a stored document. If you do not specify a name, scanned documents will be automatically assigned names such as "FAX0001" or "FAX0002".

## Password

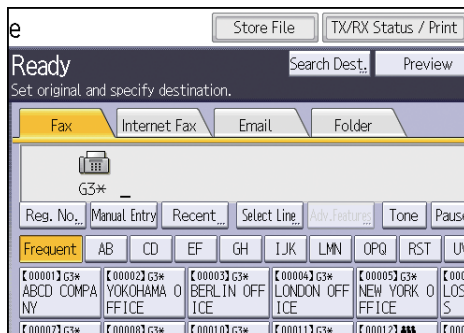
You can set this function so as not to send to unspecified people. A four to eight digit number can be specified as a password.

You can also change the file information after storing files.

### 1. Place the original, and then specify the scan settings you require.

Specify the [Original Orientation] setting correctly. If you do not, the top/bottom orientation of the original will not be displayed correctly in the preview.

### 2. Press [Store File].

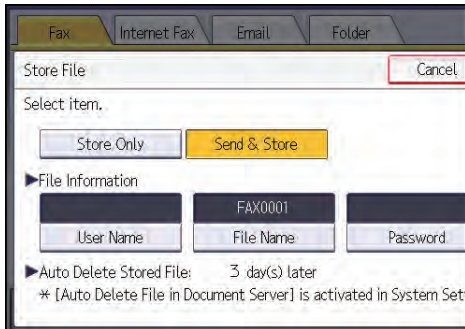


### 3. Select [Send & Store] or [Store Only].

Select [Send & Store] to send documents after they are stored.

Select [Store Only] to store documents.

#### 4. Set the user name, file name, and password as necessary.



- **User Name**  
Press [User Name], and then select a user name. To specify an unregistered user name, press [Manual Entry], and then enter the name. After specifying a user name, press [OK].
  - **File Name**  
Press [File Name], enter a file name, and then press [OK].
  - **Password**  
Press [Password], enter a password using the number keys, and then press [OK]. Re-enter the password for confirmation, and then press [OK].
5. Press [OK].
  6. If you have selected [Send & Store], specify the receiver.
  7. Press [Start].

## Sending Stored Documents

The machine sends documents stored with the facsimile function in the Document Server.

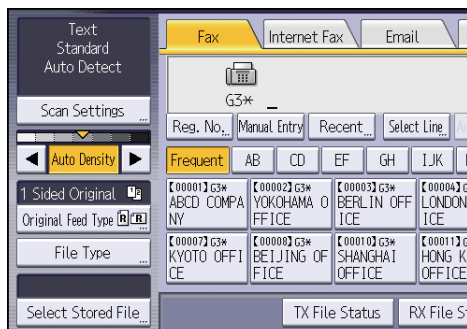
The documents stored in the Document Server can be sent again and again until they are deleted.

The stored documents are sent with the scan settings made when they were stored.

You cannot use the following transmission methods:

- Immediate Transmission
- Parallel Memory Transmission
- On Hook Dial
- Manual Dial

## 1. Press [Select Stored File].



## 2. Select the documents to be sent.

When multiple documents are selected, they are sent in the order of selection.

- Press [User Name] to place the documents in order by programmed user name.
- Press [File Name] to place the documents in alphabetical order.
- Press [Date] to place the documents in order of programmed date.
- Press [Queue] to arrange the order of the documents to be sent.

To view details about stored documents, press [Details].

Press the Thumbnails key to switch the screen to thumbnail display.

## 3. If you select a document with a password, enter the password using the number keys, and then press [OK].

## 4. When you want to add your originals to stored documents and send them all at once, press [Original + Stored File] or [Stored file + Original].

When [Original + Stored File] is pressed, the machine sends the originals, and then stored files.

When [Stored file + Original] is pressed, the machine sends the stored files, and then originals.

## 5. Press [OK].

## 6. To add an original to stored documents, place the original, and then select any scan settings you require.

## 7. Specify the destination, and then press [Start].

# Printing the Journal Manually

To print the Journal manually, select the printing method: [All], [Print per File No.], or [Print per User].

## All

Prints the results of communications in the order made.

## Print per File No.

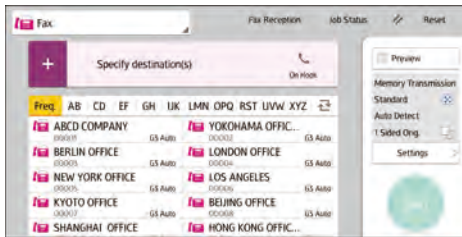
Prints only the results of communications specified by file number.

## Print per User

Prints the results of communications by individual senders.

4

## When Using the Fax Application



About how to use the application's screen, see page 67 "[Fax] Screen".

# 5. Print

This chapter describes frequently used printer functions and operations. For information not included in this chapter, see Print available on our website.

## Quick Install

You can install the printer drivers easily from the CD-ROM provided with this machine.

Using Quick Install, the PCL 6 printer driver is installed under network environment, and the Standard TCP/IP port will be set.

### ★ Important

- **Manage Printers permission is required to install the drivers. Log on as an Administrators group member.**

1. Click [Quick Install] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Click [Next >].
4. Select the machine model you want to use in the [Select Printer] dialog box.
5. Click [Install].
6. When the port setting screen appears, specify a port.
7. Configure the user code, default printer, and shared printer as necessary.
8. Click [Continue].

The installation starts.

9. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

10. Click [Exit] in the first window of the installer, and then take out the CD-ROM.

## Displaying the Printer Driver Properties

This section explains how to open the printer driver properties from [Devices and Printers].

### ★ Important

- **Manage Printers permission is required to change the printer settings. Log on as an Administrators group member.**
- **You cannot change the machine default settings for individual users. Settings made in the printer properties dialog box are applied to all users.**

1. On the [Start] menu, click [Devices and Printers].
2. Right-click the icon of the printer you want to use.
3. Click [Printer properties].



# Standard Printing

## ★ Important

- Duplex printing is selected as the default setting. If you want to print on only one side, select [Off] for the two-sided printing setting.
- If you send a print job via USB 2.0 while the machine is in Low Power mode or Sleep mode, an error message might appear when the print job is complete. In this case, check if the document was printed.

## When Using the PCL 6 Printer Driver

1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. Select the [Frequently Used Settings] tab.
5. In the "Job Type:" list, select [Normal Print].
6. In the "Document Size:" list, select the size of the original to be printed.
7. In the "Orientation" area, select [Portrait] or [Landscape] as the orientation of the original.
8. In the "Paper Type:" list, select the type of paper that is loaded in the paper tray.
9. In the "Input Tray:" list, select the paper tray that contains the paper you want to print onto.  
If you select [Auto Tray Select] in the "Input Tray:" list, the paper tray is automatically selected according to the paper size and type specified.
10. If you want to print multiple copies, specify a number of sets in the "Copies:" box.
11. Click [OK].
12. Start printing from the application's [Print] dialog box.

## Printing on Both Sides of Sheets

This section explains how to print on both sides of each page using the printer driver.

### ★ Important

- The paper types that can be printed on both sides are as follows:
- Plain 1 (60–74 g/m<sup>2</sup>), Plain 2 (75–81 g/m<sup>2</sup>), Recycled, Special 1, Special 2, Special 3, Middle Thick (82–105 g/m<sup>2</sup>), Thick 1 (106–169 g/m<sup>2</sup>), Thick 2 (170–220 g/m<sup>2</sup>), Thick 3 (221–256 g/m<sup>2</sup>), Thin (52–59 g/m<sup>2</sup>), Color, Letterhead, Preprinted, Bond, Cardstock

### When Using the PCL 6 Printer Driver





1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. Click the [Frequently Used Settings] tab.

You can also click the [Detailed Settings] tab, and then click [2 Sided/Layout/Booklet] in the "Menu:" box.

5. Select the method for binding the output pages in the "2 sided:" list.
6. Change any other print settings if necessary.
7. Click [OK].
8. Start printing from the application's [Print] dialog box.

### Types of Two-sided Printing

You can select which way the bound pages open by specifying which edge to bind.

Orientation	Open to Left	Open to Top
Portrait		
Landscape		

# Combining Multiple Pages into Single Page

This section explains how to print multiple pages onto a single sheet. The combine printing function allows you to economize on paper by printing multiple sheets at reduced size onto a single sheet.

## When Using the PCL 6 Printer Driver

1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. Click the [Frequently Used Settings] tab.

You can also click the [Detailed Settings] tab, and then click [2 Sided/Layout/Booklet] in the "Menu:" box.

5. Select the combination pattern in the "Layout:" list, and then specify the method for combining pages in the "Page Order:" list.

To draw a border line around each page, select the [Draw Frame Border] check box in [2 Sided/Layout/Booklet] in the [Detailed Settings] tab.

6. Change any other print settings if necessary.
7. Click [OK].
8. Start printing from the application's [Print] dialog box.

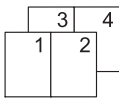
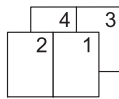
5

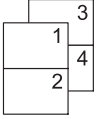
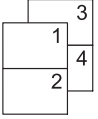
## Types of Combine Printing

This function allows you to print 2, 4, 6, 9, or 16 pages at reduced size onto a single sheet and to specify a page ordering pattern for the combination. When combining 4 or more pages onto a single sheet of paper, four patterns are available.

The following illustrations show example page ordering patterns for 2- and 4-page combinations.

### 2 Pages per Sheet

Orientation	From Left to Right/Top to Bottom	From Right to Left/Top to Bottom
Portrait		

Orientation	From Left to Right/Top to Bottom	From Right to Left/Top to Bottom
Landscape		





#### 4 Pages per Sheet

Right, then Down	Down, then Right	Left, then Down	Down, then Left																
<table border="1"> <tr><td>1</td><td>2</td></tr> <tr><td>3</td><td>4</td></tr> </table>	1	2	3	4	<table border="1"> <tr><td>1</td><td>3</td></tr> <tr><td>2</td><td>4</td></tr> </table>	1	3	2	4	<table border="1"> <tr><td>2</td><td>1</td></tr> <tr><td>4</td><td>3</td></tr> </table>	2	1	4	3	<table border="1"> <tr><td>3</td><td>1</td></tr> <tr><td>4</td><td>2</td></tr> </table>	3	1	4	2
1	2																		
3	4																		
1	3																		
2	4																		
2	1																		
4	3																		
3	1																		
4	2																		

# Printing on Envelopes

Configure the paper settings appropriately using both the printer driver and the control panel.

## Configuring Envelope Settings Using the Control Panel

1. Load envelopes in the paper tray.
2. Press [Home] () at the bottom of the screen in the center.
3. Flick the screen to the left, and then press the [User Tools] icon ()
4. Press [Tray Paper Settings].
5. Select the paper size setting of the paper tray in which the envelopes are loaded.
6. Select the envelope size, and then press [OK].
7. Press [▼Next].
8. Select the paper type setting of the paper tray in which the envelopes are loaded.
9. Press [Envelope] in the "Paper Type" area, and then select the appropriate item in the "Paper Thickness" area.
10. Press [OK].
11. Press [User Tools] () on the top right of the screen.
12. Press [Home] () at the bottom of the screen in the center.

## Printing on Envelopes Using the Printer Driver

### When using the PCL 6 printer driver

1. Click the menu button of the application you are using, and then click [Print].
2. Select the printer you want to use.
3. Click [Preferences].
4. In the "Document Size:" list, select the envelope size.
5. In the "Input Tray:" list, select the paper tray where the envelopes are loaded.
6. In the "Paper Type:" list, select [Envelope].
7. Change any other print settings if necessary.
8. Click [OK].
9. Start printing from the application's [Print] dialog box.

# Saving and Printing Using the Document Server

The Document Server enables you to store documents on the machine's hard disk, and allows you to edit and print them as necessary.

## ★ Important

- Do not cancel the file transfer process while the data is being sent to the Document Server. The process may not be canceled properly. If you accidentally cancel a print job, use the control panel of the machine to delete the transferred data. For details about how to delete documents that are stored in the Document Server, see "Deleting Stored Documents", Copy/ Document Server, or Web Image Monitor Help.
- Up to 3,000 files can be stored in the Document Server. New files cannot be stored when 3,000 files have already been stored. Even if less than 3,000 files are stored, new files cannot be stored when
  - The number of pages in a document exceeds 2,000.
  - The total number of stored pages in the machine and the sent data has reached 9,000 (It may be fewer depending on the print data).
  - The hard disk is full.
- Data stored in the Document Server is specified to be deleted after three days (72 hours) by the factory default. We recommend you back up the data.

You can send data created on a client computer to the Document Server.

---

## Storing Documents in Document Server

---

## ★ Important

- If the machine is not used as the Document Server, the maximum number of the documents that can be stored in the server may be less than the number described in the specification.
1. Click the menu button of the application you are using, and then click [Print].
  2. Select the printer you want to use.
  3. Click [Preferences].
  4. In the "Job Type:" list, click [Document Server].
  5. Click [Details...].
  6. Enter a user ID, file name, password, and user name as required.
  7. Specify the folder number to store the document in the "Folder Number" box.

When "0" is specified in the "Folder Number:" box, documents will be saved in the Shared folder.

8. If the folder is protected by a password, enter the password in the "Folder Password:" box.
9. Click [OK].
10. Change any other print settings if necessary.
11. Click [OK].
12. Start printing from the application's [Print] dialog box.

 **Note**

- You can print the documents stored in the Document Server using the control panel. For details, see page 147 "Printing Stored Documents".

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## Managing Documents Stored in Document Server

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You can view or delete the documents stored in the machine's Document Server using Web Image Monitor from a client computer connected to the network.

## Using the Quick Print Release Function

The quick applications that are installed on this machine allow you to operate some of the printer functions from a single screen. Using the Quick Print Release function, you can view the list of documents that are stored on the machine. From the list, any documents can be selected and printed. The print settings of the document and the date and time to send the document can be changed as well.

1. Press [Home]  at the bottom of the screen in the center.
2. Press the [Quick Print Release] icon.
3. Select the user as required.
4. If necessary, enter the password for the documents.

The list of both the documents that have not password specified, and that matches the entered password is displayed.

5



### 5. Select documents.

More than one document can be selected at one time.

You can perform the following operations on the selected documents:

- Delete  
Deletes the selected documents.
- Preview  
Shows the preview image of the first page of the document.  
No previews can be displayed when more than one document is selected.
- Print Settings  
Configures the print settings of the document.
- Manage Files  
Specifies the date and time to send the document, and the password.  
The file information cannot be modified when more than one document is selected.

### 6. Press [Print].



 **Note**

- If you change settings for [Administrator Authentication Management] or [Enhance File Protection] using an external application such as Web Image Monitor while using the Quick Print Release function, this function is terminated automatically.

# Using the Print/Scan(Memory Storage Device) Function

## ⚠ CAUTION

- Keep SD cards or USB flash memory devices out of reach of children. If a child accidentally swallows an SD card or USB flash memory device, consult a doctor immediately.

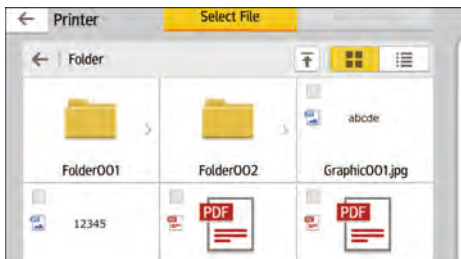
The Print/Scan(Memory Storage Device) function allows you to read and print files that are stored on a memory storage device such as an SD card or USB flash memory device. Also, you can save the scanned data on a memory storage device.

The files in the following formats can be printed using the Print/Scan(Memory Storage Device) function: JPEG, TIFF, PDF, and XPS. The scanned data can be saved in JPEG, TIFF, or PDF format.

## 5

### Printing a file in a memory storage device

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Press the [Print/Scan(Memory Storage Device)] icon.
3. Press [Print from Storage Device].
4. Insert a memory storage device in the media slot.
5. Press [USB] or [SD Card], depending on the type of the storage device.
6. Select the document to print.



You can perform the following operations on the selected document:

- Preview  
Shows the preview image of the first page of the document.
- Selected  
Displays the list of the selected documents.

7. If necessary, press [Print Settings] to change the settings such as the number of copies or duplex printing.
8. Press [Start].

## Saving the scanned data in a memory storage device

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Press the [Print/Scan(Memory Storage Device)] icon.
3. Press [Scan to Storage Device].
4. Insert a memory storage device in the media slot.
5. Press [USB] or [SD Card], depending on the type of the storage device that you are using.
6. Specify the location to save the scanned data.



7. Place the original.
8. If necessary, press [Scan Setting] to change the settings such as the file type or scan resolution.
9. To see the scanned image before saving it to a file, press [Preview].
10. Press [Start].
11. Press [Finish Scan] after scanning of the original has been completed.  
If there are more originals to be scanned, place the next original, and then press [Scan Next Original].
12. When the preview screen appears, check the scanned image, and then press [Save].

### Note

- If the file name is not specified in [Scan Setting], the scanned image is saved under the name that conforms to the following naming rules:
  - For single page format:  
Transmission date and time (YYYYMMDDHHMMSSMMM) + 4 digit serial page number (\_nnnn) + extension (.tif/.jpg/.pdf)  
For example, when you send 10-page original in jpeg format at 15:30:15.5 on Dec. 31, 2020, the file names are from "20201231153015500\_0001.jpg" to "20201231153015500\_0010.jpg".
  - For multi page format:  
Transmission date and time (YYYYMMDDHHMMSSMMM) + extension (.tif/.jpg/.pdf)

For example, when you send 10-page original in PDF format at 15:30:15.5 on Dec. 31, 2020, the file name is "20201231153015500.pdf".

- When you save scanned data to a memory storage device, use characters which correspond to the ASCII codes for the file name. If you use characters which is not correspond to the ASCII codes, the machine may not read or save the documents.
- Certain types of USB flash memory device and SD cards cannot be used.

# 6. Scan

This chapter describes frequently used scanner functions and operations. For information not included in this chapter, see Scan available on our website.

## Basic Procedure When Using Scan to Folder

### ★ Important

- Before performing this procedure, see "Preparation for Sending by Scan to Folder", Scan and confirm the details of the destination computer. See also "Registering Folders", Connecting the Machine/ System Settings, and register the address of the destination computer to the address book.

### 🔄 When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

## Creating a Shared Folder on a Computer Running Windows/Confirming a Computer's Information

The following procedures explain how to create a shared folder on a computer running Windows, and how to confirm the computer's information. In these examples, Windows 7 is the operating system, and the computer is a member in a network domain. Write down the confirmed information.

### Step 1: Confirming the user name and computer name

Confirm the user name and the name of the computer you will send scanned documents to.

1. On the [Start] menu, point to [All Programs], click [Accessories], and then click [Command Prompt].
2. Enter the command "ipconfig/all", and then press the [Enter] key.
3. Confirm the name of the computer.

The computer's name is displayed under [Host Name].

You can also confirm the IPv4 address. The address displayed under [IPv4 Address] is the IPv4 address of the computer.

**4. Enter the command "set user", and then press the [Enter] key.**

Be sure to put a space between "set" and "user".

**5. Confirm the user name.**

The user name is displayed under [USERNAME].

## Step 2: Creating a shared folder on a computer running Microsoft Windows

Create a shared destination folder in Windows and enable sharing. In the following procedure, a computer which is running under Windows 7 and participating in a domain is used as an example.

### ★ Important

- You must log in as an Administrators group member to create a shared folder.
- If "Everyone" is left selected in Step 6, the created shared folder will be accessible by all users. This is a security risk, so we recommend that you give access rights only to specific users. Use the following procedure to remove "Everyone" and specify user access rights.

1. Create a folder, just as you would create a normal folder, in a location of your choice on the computer.
2. Right-click the folder, and then click [Properties].
3. On the [Sharing] tab, click [Advanced Sharing...].
4. Select the [Share this folder] check box.
5. Click [Permissions].
6. In the [Group or user names:] list, select "Everyone", and then click [Remove].
7. Click [Add...].
8. In the [Select Users, Computers, Service Accounts, or Groups] window, click [Advanced...].
9. Specify one or more object types, select a location, and then click [Find Now].
10. From the list of results, select the groups and users you want to grant access to, and then click [OK].
11. In the [Select Users, Computers, Service Accounts, or Groups] window, click [OK].
12. In the [Group or user names:] list, select a group or user, and then, in the [Allow] column of the permissions list, select either the [Full Control] or [Change] check box.

Configure the access permissions for each group and user.

13. Click [OK].

---

### Step 3: Specifying access privileges for the created shared folder

---


If you want to specify access privileges for the created folder to allow other users or groups to access the folder, configure the folder as follows:

1. Right-click the folder created in Step 2, and then click [Properties].
2. On the [Security] tab, click [Edit...].
3. Click [Add...].
4. In the [Select Users, Computers, Service Accounts, or Groups] window, click [Advanced...].
5. Specify one or more object types, select a location, and then click [Find Now].
6. From the list of results, select the groups and users you want to grant access to, and then click [OK].
7. In the [Select Users, Computers, Service Accounts, or Groups] window, click [OK].
8. In the [Groups or user names:] list, select a group or user, and then, in the [Allow] column of the permissions list, select either the [Full Control] or [Modify] check box.
9. Click [OK].

---

### Registering an SMB Folder

---

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".  
The name entry display appears.
6. Enter the name, and then press [OK].
7. Press [▼Next].

**8. Press the key for the classification you want to use under "Select Title".**

Names	Auth. Info	Protection	Fax Dest.	E		
▶ Select Title						
Title 1	Frequent	AB	CD	EF	GH	IJK
Title 2	Frequent	1	2	3	4	5
Title 3	Frequent	1	2			

The keys you can select are as follows:

- [Frequent]: Added to the page that is displayed first.
- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

You can select [Frequent] and one more key for each title.

**9. Press [Auth. Info], and then press [▼Next].**

Names	Auth. Info	Protection	Fax Dest.	E
▶ Name: ABCD COMPANY [Change]				
▶ Key Display: ABCD COMPANY [Change] ▶ Register				
▶ Display Priority: 05 [Change] 1: High - 10: Low				

**10. Press [Specify Other Auth. Info] on the right side of "Folder Authentication".**

When [Do not Specify] is selected, the SMB User Name and SMB Password that you have specified in "Default User Name / Password (Send)" of File Transfer settings are applied.

**11. Press [Change] under "Login User Name".**

**12. Enter the login user name of the destination computer, and then press [OK].**

**13. Press [Change] under "Login Password".**

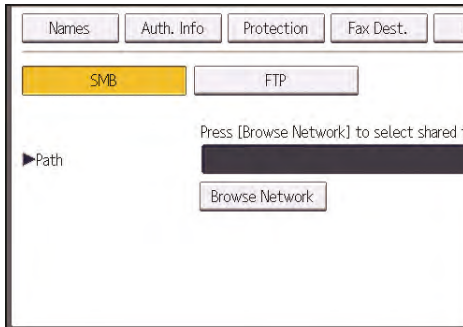
**14. Enter the password of the destination computer, and then press [OK].**

**15. Enter the password again to confirm, and then press [OK].**

**16. Press [Folder].**



### 17. Check that [SMB] is selected.



### 18. Press [Change] or [Browse Network], and then specify the folder.

To specify a folder, you can either enter the path manually or locate the folder by browsing the network.

### 19. Press [Connection Test] to check the path is set correctly.

### 20. Press [Exit].

If the connection test fails, check the settings, and then try again.

### 21. Press [OK].

### 22. Press [User Tools] (⚙️) on the top right of the screen.

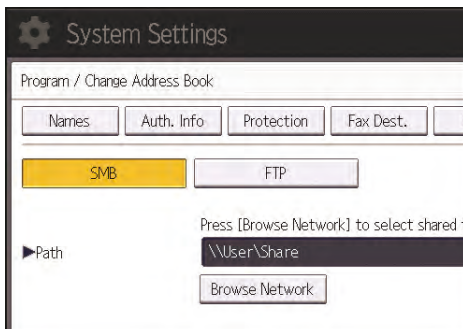
### 23. Press [Home] (🏠) at the bottom of the screen in the center.

## Locating the SMB folder manually

### 1. Press [Change] under "Path".

### 2. Enter the path where the folder is located.

For example: if the name of the destination computer is "User", and the folder name is "Share", the path will be \\User\Share.



If the network does not allow automatic obtaining of IP addresses, include the destination computer's IP address in the path. For example: if the IP address of the destination computer is "192.168.0.191", and the folder name is "Share", the path will be "\\192.168.0.191\Share".

**3. Press [OK].**

If the format of the entered path is not correct, a message appears. Press [Exit], and then enter the path again.

## Locating the SMB folder using Browse Network

**1. Press [Browse Network].**

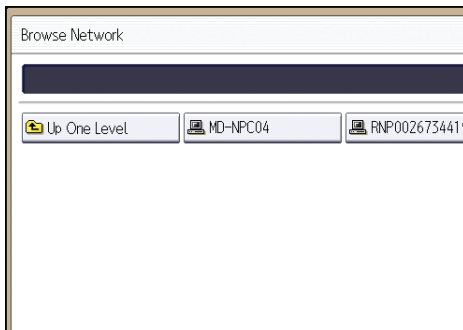
The client computers sharing the same network as the machine appear.

Network display only lists client computers you are authorized to access.

**2. Select the group that contains the destination computer.**

**3. Select the computer name of the destination computer.**

Shared folders under it appear.



You can press [Up One Level] to switch between levels.

**4. Select the folder you want to register.**

**5. Press [OK].**

## Deleting an SMB Registered Folder

**1. Press [Home]  at the bottom of the screen in the center.**

**2. Flick the screen to the left, and then press the [Address Book Management] icon.**

**3. Check that [Program / Change] is selected.**

**4. Select the name whose folder you want to delete.**

Press the name key, or enter the registered number using the number keys.

You can search by the registered name, user code, fax number, folder name, e-mail address, or IP-Fax destination.

5. Press [Folder].
6. Press the protocol which is not currently selected.  
A confirmation message appears.
7. Press [Yes].
8. Press [OK].
9. Press [User Tools] (⚙️) on the top right of the screen.
10. Press [Home] (🏠) at the bottom of the screen in the center.

## Entering the Path to the Destination Manually

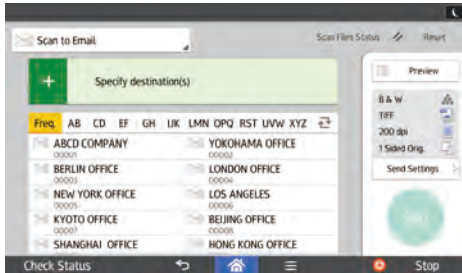
### 📄 When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

# Basic Procedure for Sending Scan Files by E-mail


## When Using the Scanner Application

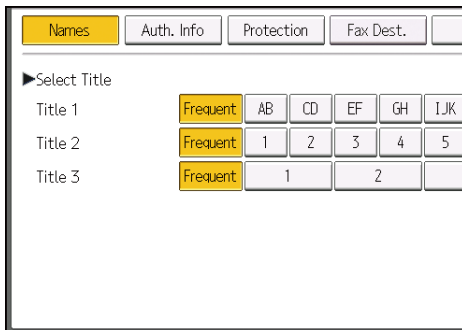


About how to use the application's screen, see page 72 "[Scanner] Screen".

## 6

### Registering an E-mail Destination

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Press [New Program].
5. Press [Change] under "Name".  
The name entry display appears.
6. Enter the name, and then press [OK].
7. Press [▼Next].
8. Press the key for the classification you want to use under "Select Title".



The keys you can select are as follows:

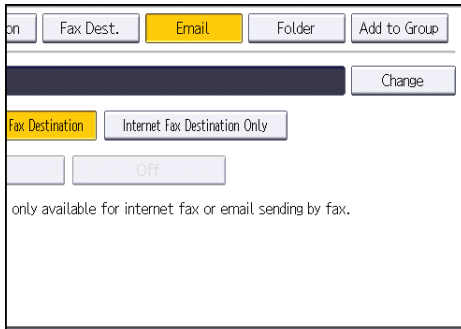
- [Frequent]: Added to the page that is displayed first.

- [AB], [CD], [EF], [GH], [IJK], [LMN], [OPQ], [RST], [UVW], [XYZ], [1] to [10]: Added to the list of items in the selected title.

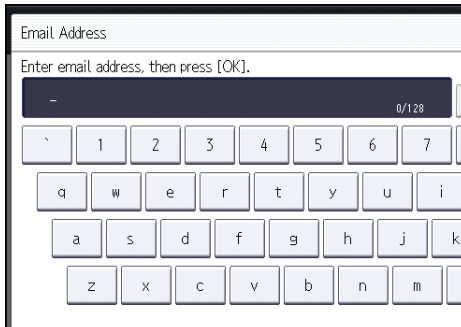
You can select [Frequent] and one more key for each title.

**9. Press [Email].**

**10. Press [Change] under "Email Address".**



**11. Enter the e-mail address, and then press [OK].**



**12. Select [Email / Internet Fax Destination] or [Internet Fax Destination Only].**

If [Email / Internet Fax Destination] is specified, registered e-mail addresses appear in both Internet fax address display and e-mail address display on the fax function screen, and in the address display on the scanner function screen.

If [Internet Fax Destination Only] is specified, registered e-mail addresses only appear in Internet fax display on the fax function screen.

**13. If you want to use Internet fax, specify whether or not to use "Send via SMTP Server".**

**14. Press [OK].**

**15. Press [User Tools] (⚙️) on the top right of the screen.**

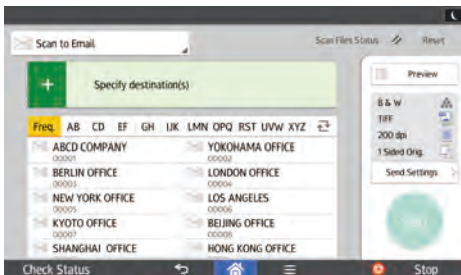
**16. Press [Home] (🏠) at the bottom of the screen in the center.**

## Deleting an E-mail Destination

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [Address Book Management] icon.
3. Check that [Program / Change] is selected.
4. Select the name whose e-mail address you want to delete.  
Press the name key, or enter the registered number using the number keys. You can search by the registered name, user code, fax number, folder name, e-mail address, or IP-Fax destination.
5. Press [Email].
6. Press [Change] under "Email Address".
7. Press [Delete All], and then press [OK].
8. Press [OK].
9. Press [User Tools] (⚙️) on the top right of the screen.
10. Press [Home] (🏠) at the bottom of the screen in the center.

## Entering an E-mail Address Manually

### 👁️ When Using the Scanner Application




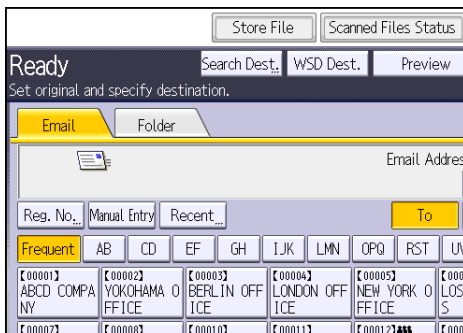
About how to use the application's screen, see page 72 "[Scanner] Screen".

# Basic Procedure for Storing Scan Files

## ★ Important

- You can specify a password for each stored file. We recommend that you protect stored files from unauthorized access by specifying passwords.
- Scan file stored in the machine may be lost if some kind of failure occurs. We advise against using the hard disk to store important files. The supplier shall not be responsible for any damage that may result from the loss of files.

1. Press [Home]  at the bottom of the screen in the center.
2. Press the [Scanner (Classic)] icon.
3. Make sure that no previous settings remain.  
If a previous setting remains, press [Reset].
4. Place originals.
5. Press [Store File].



6. Press [Store to HDD].
7. If necessary, specify the stored file's information, such as [User Name], [File Name], [Password], and [Select Folder].

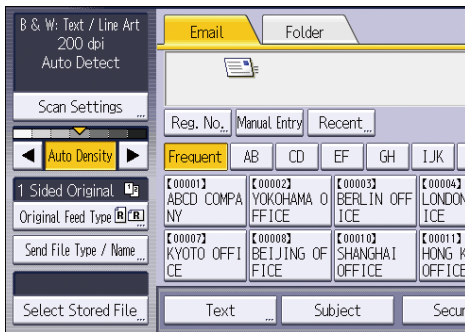
- User Name  
Press [User Name], and then select a user name. To specify an unregistered user name, press [Manual Entry], and then enter the name. After specifying a user name, press [OK].
- File Name  
Press [File Name], enter a file name, and then press [OK].
- Password  
Press [Password], enter a password, and then press [OK]. Re-enter the password for confirmation, and then press [OK].
- Select Folder  
Press [Select Folder], specify the folder in which to save the stored files, and then press [OK].

8. Press [OK].
9. If necessary, press [Scan Settings] to specify scanner settings such as resolution and scan size.
10. Press [Start].

## Checking a Stored File Selected from the List

This section explains how to preview a file selected from the list of stored files.

1. Press [Select Stored File].



2. Specify the folder in which the file you want to check is stored.
3. From the list of stored files, select the file you want to check.  
You can select more than one file.
4. Press [Preview].



# Specifying the File Type

This section explains the procedure for specifying the file type of a file you want to send.

File types can be specified when sending files by e-mail or Scan to Folder, sending stored files by e-mail or Scan to Folder, and saving files on a memory storage device.

You can select one of the following file types:

- Single Page: [TIFF / JPEG], [PDF]

If you select a single-page file type when scanning multiple originals, one file is created for each single page and the number of files sent is the same as the number of pages scanned.

- Multi-page: [TIFF], [PDF]

If you select a multi-page file type when scan multiple originals, scanned pages are combined and sent as a single file.

Selectable file types differ depending on the scan settings and other conditions. For details about file types, see "Notes about and limitations of file types", Scan.

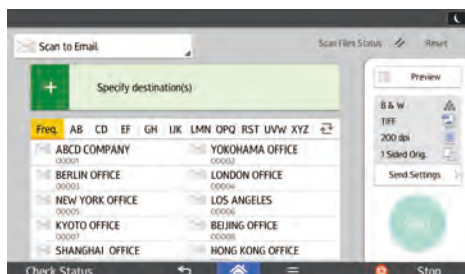
## When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

# Specifying Scan Settings

## When Using the Scanner Application



About how to use the application's screen, see page 72 "[Scanner] Screen".

# 7. Document Server

This chapter describes frequently used Document Server functions and operations. For information not included in this chapter, see Copy/ Document Server available on our website.

## Storing Data

This section describes the procedure for storing documents on the Document Server.

### ★ Important

- A document accessed with a correct password remains selected even after operations are complete, and it can be accessed by other users. After the operation, be sure to press [Reset] to cancel the document selection.
- The user name registered to a stored document in the Document Server is to identify the document creator and type. It is not to protect confidential documents from others.
- When turning on the fax transmission or scanning by the scanner, make sure that all other operations are ended.

### File Name

A file name such as "COPY0001" and "COPY0002" is automatically attached to the scanned document. You can change the file name.


### User Name

You can register a user name to identify the user or user group that stored the documents. To assign it, select the user name registered in the Address Book, or enter the name directly. Depending on the security setting, [Access Privileges] may appear instead of [User Name].

For details about the Address Book, see "Registering Addresses and Users", Connecting the Machine/ System Settings.

### Password

To prevent unauthorized printing, you can specify a password for any stored document. A protected document can only be accessed if its password is entered. If a password is specified for the documents, the lock icon appears on the left side of the file name.

1. Press [Home]  at the bottom of the screen in the center.
2. Press the [Document Server] icon.
3. Press [To Scanning Screen].
4. Press [Target Fldr. to Store].
5. Specify a folder in which to store the document, and then press [OK].
6. Press [User Name].

**7. Specify a user name, and then press [OK].**

The user names shown are names that were registered in the Address Book. To specify a name not shown in the screen, press [Manual Entry], and then enter a user name.

**8. Press [File Name].**

**9. Enter a file name, and then press [OK].**

**10. Press [Password].**

**11. Enter a password with the number keys, and then press [OK].**

You can use four to eight digits for the password.

**12. For double-check, enter the password again, and then press [OK].**

**13. Place the original.**

**14. Specify the original scanning conditions.**

**15. Press [Start].**

The original is scanned. The document is saved in the Document Server.

After scanning, a list of folders will be displayed. If the list does not appear, press [Finish Scanning].

# Printing Stored Documents

Prints stored documents on the Document Server.

The items you can specify on the printing screen are as follows:

- Paper tray
- The number of prints
- [Finishing] ([Sort], [Rotate Sort], [Stack], [Staple], [Punch], [Half Fold: Print Outside])
- [Cover/Slip Sheet] ([Front Cover], [Front/Back Cover], [Designate/Chapter], [Slip Sheet])
- [Edit / Stamp] ([Margin Adj.], [Stamp])
- [2 Sided Copy Top to Top], [2 Sided Copy Top to Bottom], [Booklet], [Magazine]

For details about each function, see the each section.

## 1. Select a folder.

No.	Folder Name	Created Date/Time	Sel.	File
	Shared Folder			
001	User001	30 Apr. 09:30		
002	User002	30 Apr. 09:31		
003	User003	30 Apr. 09:32		
004	User004	30 Apr. 09:32		
005	User005	30 Apr. 09:33		

## 2. Select a document to be printed.

## 3. When printing two or more documents at a time, repeat Step 2.

Up to 30 documents can be printed.

## 4. When specifying printing conditions, press [To Printing Screen], and then configure print settings.

## 5. Enter the number of print copies with the number keys.

The maximum quantity that can be entered is 999.

## 6. Press [Start].



# 8. Web Image Monitor

This chapter describes frequently used Web Image Monitor functions and operations. For information not included in this chapter, see Connecting the Machine/ System Settings available on our website or Web Image Monitor Help.

## Displaying Top Page

This section explains the Top Page and how to display Web Image Monitor.

### ★ Important

- When entering an IPv4 address, do not begin segments with zeros. For example: If the address is "192.168.001.010", you must enter it as "192.168.1.10".

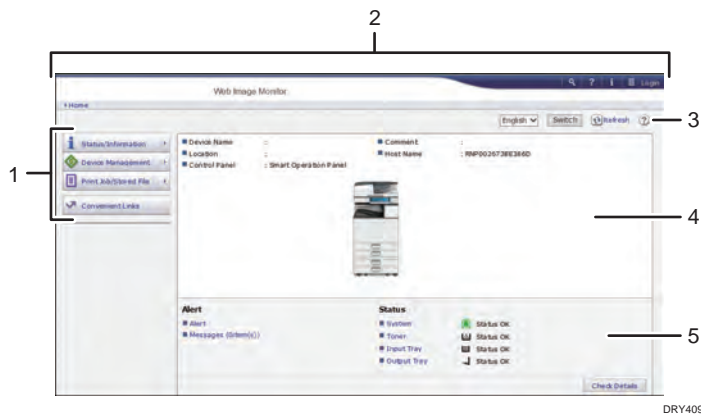
1. Start your web browser.
2. Enter "http://(machine's IP address or host name)/" in your web browser's URL bar.

Top Page of Web Image Monitor appears.

If the machine's host name has been registered on the DNS or WINS server, you can enter it.

When setting SSL, a protocol for encrypted communication, under environment which server authentication is issued, enter "https://(machine's IP address or host name)/".

Web Image Monitor is divided into the following areas:





### 1. Menu area


If you select a menu item, its content will be shown.

### 2. Header area

Display icons for the links to Help and the keyword search function. This area also displays [Login] and [Logout], which allows you to switch between the administrator and guest mode.

### 3. Refresh/Help

 (Refresh): Click  at the upper right in the work area to update the machine information. Click the web browser's [Refresh] button to refresh the entire browser screen.

 (Help): Use Help to view or download Help file contents.

### 4. Basic Information area

Display the basic information of the machine.

### 5. Work area

Display the contents of the item selected in the menu area.



# 9. Adding Paper and Toner

This chapter describes how to load paper into the paper tray and recommended paper sizes and types.

## Loading Paper

### Precautions for Loading Paper

#### CAUTION

- When loading paper, take care not to trap or injure your fingers.

#### Important

- Do not stack paper over the limit mark.

#### Note

- To prevent multiple sheets from being fed at once, fan the paper before loading it.
- If you load paper when only a few sheets of paper remain in the tray, multiple sheet feeding may occur. Remove any remaining paper, stack them with the new sheets of paper, and then fan the entire stack before loading it into the tray.
- Straighten curled or warped paper before loading.
- For details about the paper sizes and types that can be used, see page 163 "Recommended Paper Sizes and Types".
- You might at times hear a rustling noise from paper moving through the machine. This noise does not indicate a malfunction.

### Loading Paper into Paper Trays

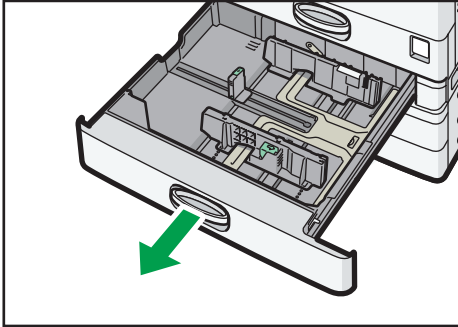
Every paper tray is loaded in the same way.

In the following example procedure, paper is loaded into Tray 2.

#### Important

- Check the paper edges are aligned at the right side.
- If a paper tray is pushed vigorously when putting it back into place, the position of the tray's side fences may slip out of place.
- When loading a low number of sheets, be sure not to squeeze the side fences in too tightly. If the side fences are squeezed too tightly against the paper, the edges may crease, thin paper may wrinkle, or the paper may misfeed.

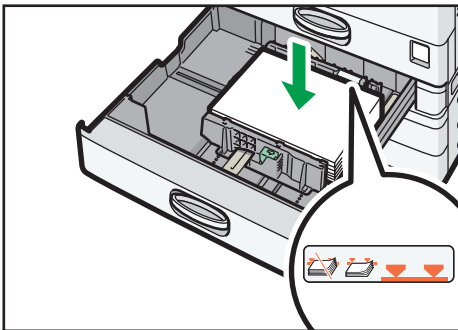
1. Check that paper in the paper tray is not being used, and then pull the tray carefully out until it stops.



DRY222

2. Square the paper and load it print side up.

Do not stack paper over the limit mark.



DRY223

3. Carefully push the paper tray fully in.

**Note**

- Various sizes of paper can be loaded in the paper trays by adjusting the positions of side fences and end fence. For details, see "Changing the Paper Size in Paper Trays", Paper Specifications and Adding Paper.
- You can load envelopes in the paper trays. When loading envelopes, place them in the correct orientation. For details, see page 171 "Envelopes".

---

## Loading Paper into the Bypass Tray

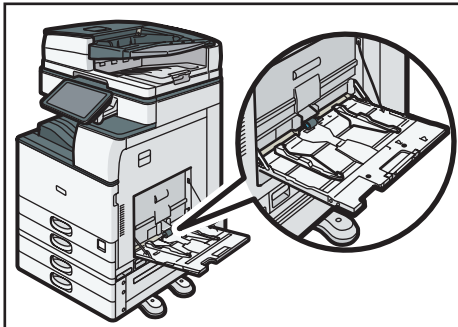
---

Use the bypass tray to use OHP transparencies, adhesive labels, translucent paper, and paper that cannot be loaded in the paper trays.

### ★ Important

- The maximum number of sheets you can load at the same time depends on paper type. Do not stack paper over the limit mark. For the maximum number of sheets you can load, see page 163 "Recommended Paper Sizes and Types".

#### 1. Open the bypass tray.

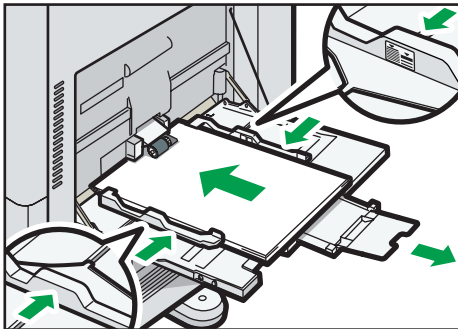


DRY214

#### 2. Load the paper face down until you hear the beep.




#### 3. Align the paper guides to the paper size.

If the guides are not flush against the paper, images might be skewed or paper misfeeds might occur.



DCG018

### ↓ Note

- When you use the bypass tray, it is recommended to load the paper in  orientation.
- Certain types of paper might not be detected properly when placed on the bypass tray. If this happens, remove the paper and place it on the bypass tray again.
- Pull the extender out when loading A4  , 8 1/2 × 11  or larger size paper in the bypass tray.
- When loading thick paper, thin paper, or OHP transparencies, specify the paper size and the paper type.
- Letterhead paper must be loaded in a specific orientation. For details, see page 159 "Loading Orientation-fixed Paper or Two-sided Paper".

- You can load envelopes into the bypass tray. Envelopes must be loaded in a specific orientation. For details, see page 171 "Envelopes".
- Specify the sizes of paper that are not automatically detected. For details about the sizes that can be detected automatically, see page 163 "Recommended Paper Sizes and Types". For details about how to specify sizes, see page 154 "Printing from the Bypass Tray Using the Printer Function" or "Copying from the Bypass Tray", Copy/ Document Server.
- When copying from the bypass tray, see "Copying from the Bypass Tray", Copy/ Document Server. When printing from a computer, see page 154 "Printing from the Bypass Tray Using the Printer Function".
- When [Notification Sound] is set to [No Sound], it does not sound if you load paper into the bypass tray. For details about [Notification Sound], see "Screen Features", Connecting the Machine/ System Settings.

---

## Printing from the Bypass Tray Using the Printer Function

---

### ★ Important



- If you select [Machine Setting(s)] in [Bypass Tray] under [Tray Setting Priority] in [System] of the Printer Features menu, the settings made using the control panel have priority over the printer driver settings. For details, see "System", Print.
- The default of [Bypass Tray] is [Machine Setting(s): Any Type].

### ↓ Note

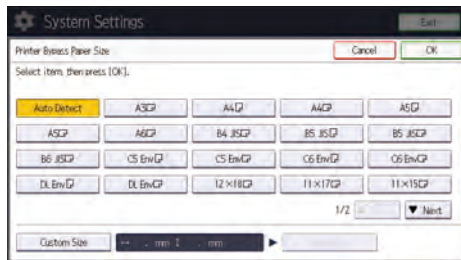
- Settings remain valid until they are changed.
- For details about setting printer drivers, see "Printing Documents", Print.
- The default of [Printer Bypass Paper Size] is [Auto Detect].

## Specifying regular sizes using the control panel

---

1. Press [Home]  at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [User Tools] icon .
3. Press [Tray Paper Settings].
4. Press [Printer Bypass Paper Size].

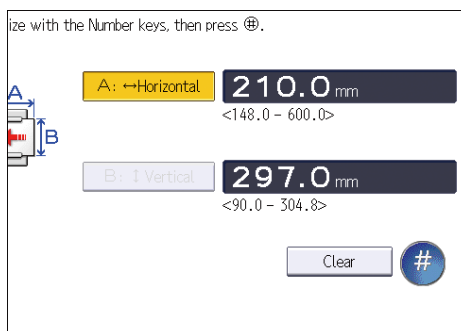
## 5. Select the paper size.



6. Press [OK].
7. Press [User Tools] (⚙️) on the top right of the screen.
8. Press [Home] (🏠) at the bottom of the screen in the center.

## Specifying a custom size paper using the control panel

1. Press [Home] (🏠) at the bottom of the screen in the center.
2. Flick the screen to the left, and then press the [User Tools] icon (⚙️) on.
3. Press [Tray Paper Settings].
4. Press [Printer Bypass Paper Size].
5. Press [Custom Size].
  - If a custom size is already specified, press [Change Size].
6. Press [Vertical].
7. Enter the vertical size using the number keys, and then press [#].

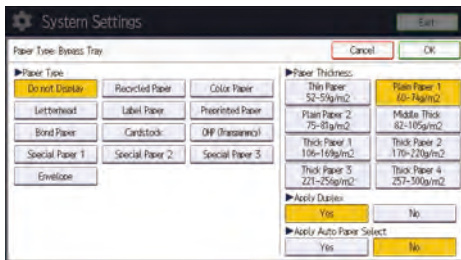


8. Press [Horizontal].
9. Enter the horizontal size using the number keys, and then press [#].
10. Press [OK] twice.
11. Press [User Tools] (⚙️) on the top right of the screen.
12. Press [Home] (🏠) at the bottom of the screen in the center.

## Specifying thick paper, thin paper, or OHP transparencies for paper type using the control panel

### ★ Important

- Use A4 or 8 1/2 × 11 size OHP transparencies, and specify their size.
  - Usually only one side of OHP transparencies can be used for printing. Be sure to load them with the print side down.
  - When printing onto OHP transparencies, remove printed sheets one by one.
1. Press [Home] at the bottom of the screen in the center.
  2. Flick the screen to the left, and then press the [User Tools] icon.
  3. Press [Tray Paper Settings].
  4. Press [Printer Bypass Paper Size], and then specify the paper size.
  5. Press [OK].
  6. Press [▼Next].
  7. Press [Paper Type: Bypass Tray].
  8. Select the proper items, according to the paper type you want to specify.
    - Press [OHP (Transparency)] on the [Paper Type] area when loading OHP transparencies.
    - To load thin or thick paper, press [Do not Display] on the [Paper Type] area, and then select the appropriate paper thickness in the [Paper Thickness] area.



9. Press [OK].
10. Press [User Tools] on the top right of the screen.
11. Press [Home] at the bottom of the screen in the center.

### ↓ Note

- We recommend that you use specified OHP transparencies.
- For details about paper thickness, see "Tray Paper Settings", Connecting the Machine/ System Settings.

## Loading Paper into Tray 3 (LCT)

 **Region A** (mainly Europe and Asia)

Tray 3 (LCT) can hold A4 paper only. If you want to print on  $8\frac{1}{2} \times 11$  paper from Tray 3 (LCT), contact your service representative.

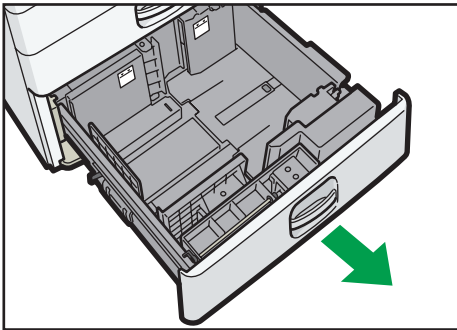
 **Region B** (mainly North America)

Tray 3 (LCT) can hold  $8\frac{1}{2} \times 11$  paper only. If you want to print on A4 paper from Tray 3 (LCT), contact your service representative.

### Important

- When paper loaded in the right side of Tray 3 (LCT) runs out, paper on the left is automatically shifted to the right. Do not pull out Tray 3 (LCT) while the tray is moving paper; wait until sounds stop coming from the tray.
- For the right stack, align the right edge of the paper with the right edge of the tray. For the left stack, align the left edge of the paper to the left edge of the tray.

1. Carefully pull out the paper tray until it stops.

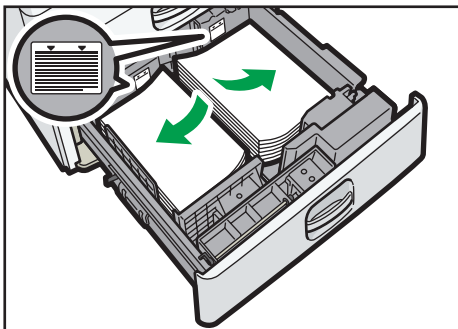


CVA017

2. Square the paper and load it print side up.

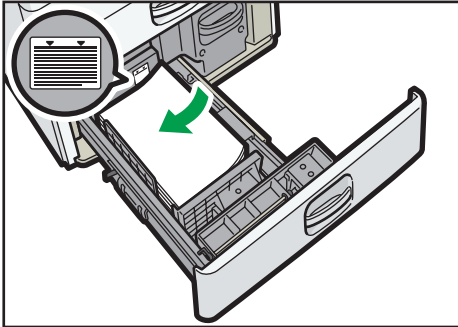
Do not stack paper over the limit mark.

- Whole tray pulled out



CVA018

- Left half of the tray pulled out



**3. Carefully push the paper tray fully in.**

**↓ Note**

- You can load paper even if Tray 3 (LCT) is in use. It is okay to pull out the left half of the tray while Tray 3 (LCT) is in use.
- Load 30 or more sheets of paper in the left half of the tray.

---

## Loading Paper into the Large Capacity Tray (LCT)

---

**Region A** (mainly Europe and Asia)

The large capacity tray (LCT) can hold A4 paper only. If you want to print on  $8\frac{1}{2} \times 11$  or B5 JIS from the large capacity tray (LCT), contact your service representative.

**Region B** (mainly North America)

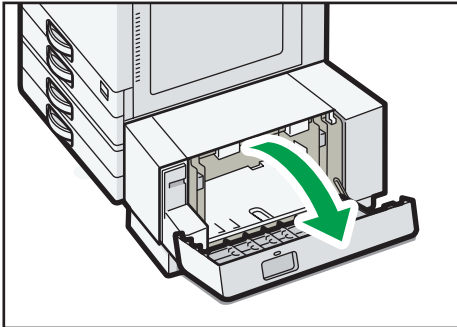
The large capacity tray (LCT) can hold  $8\frac{1}{2} \times 11$  paper only. If you want to print on A4 or B5 JIS from the large capacity tray (LCT), contact your service representative.

**★ Important**

- Check the paper edges are aligned at the left side.



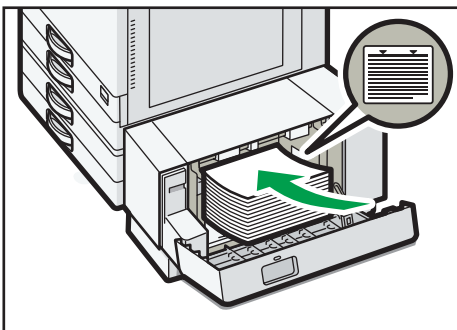
1. Check that paper in the paper tray is not being used, and then open the right cover of the large capacity tray (LCT).



DRY224

2. Load paper into the paper tray with the print side down.

Do not stack paper over the limit mark.



DRY225

3. Close the right cover of the large capacity tray (LCT).

## Loading Orientation-fixed Paper or Two-sided Paper

Orientation-fixed (top to bottom) or two-sided paper (for example, letterhead paper, punched paper, or copied paper) might not be printed correctly, depending on how the originals and paper are placed.


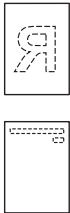
### Settings for the User Tools

- Copier mode
  - Specify [Yes] for [Letterhead Setting] in [Input / Output] under the Copier / Document Server Features menu, and then place the original and paper as shown below.
- Printer mode
  - Specify [Auto Detect] or [On (Always)] for [Letterhead Setting] in [System] under the Printer Features menu, and then place the paper as shown below.






For details about the letterhead settings, see "Input / Output", Copy/ Document Server, or "System", Print.

### Original orientation and paper orientation

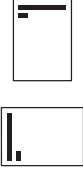


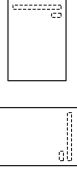
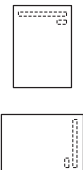


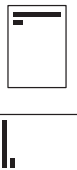
The meanings of the icons are as follows:

Icon	Meaning
	Place or load paper scanned or printed side face up.
	Place or load paper scanned or printed side face down.

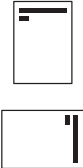


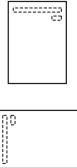
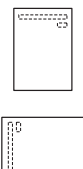


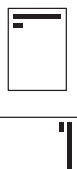
- Original orientation

Original orientation	Exposure glass	ADF
Readable orientation		
Unreadable orientation	<ul style="list-style-type: none"> <li>• Copy </li> <li>• Scanner </li> </ul>	

- Paper orientation
  - Copier mode

Copy side	Trays 1-4	Tray 3 (LCT)	Large capacity tray (LCT)	Bypass tray
One-sided				
Two-sided				

- Printer mode

Print side	Trays 1-4	Tray 3 (LCT)	Large capacity tray (LCT)	Bypass tray
One-sided				
Two-sided				

**Note**

- In copier mode:
  - For details about how to make two-sided copies, see "Duplex Copying", Copy/ Document Server.
- In printer mode:
  - To print on letterhead paper when [Auto Detect] is specified for [Letterhead Setting], you must specify [Letterhead] as the paper type in the printer driver's settings.
  - If a print job is changed partway through printing from one-sided to two-sided printing, one-sided output after the first copy may be printed facing a different direction. To ensure all

paper is output facing the same direction, specify different input trays for one-sided and two-sided printing. Note also that two-sided printing must be disabled for the tray specified for one-sided printing.

- For details about how to make two-sided prints, see "Printing on Both Sides of Sheets", Print.

# Recommended Paper



## Recommended Paper Sizes and Types





This section describes recommended paper sizes and types.

### ★ Important

- If you use paper that curls, either because it is too dry or too damp, a staple clogging or paper jam may occur.
- Do not use paper designed for inkjet printers, as these may stick to the fusing unit and cause a misfeed.
- When you load OHP transparencies, check the front and back of the sheets, and place them correctly, or a misfeed might occur.

### Trays 1–4

Paper type and weight	Paper size	Paper capacity
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	Paper sizes that can be detected automatically:  <b>Region A</b> A3, A4, A5, B4 JIS, B5 JIS, 8 1/2 × 11  <b>Region B</b> A4, A5, B5 JIS, 11 × 17, 8 1/2 × 14, 8 1/2 × 11, 7 1/4 × 10 1/2, 8 1/2 × 13 2/5	550 sheets



Paper type and weight	Paper size	Paper capacity
<p>60–300 g/m<sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4</p>	<p>Select the paper size using the Tray Paper Settings menu*<sup>1</sup>:</p> <p> <b>Region A</b></p> <p>A5□, A6□, B6 JIS□, 11 × 17□, 8<sup>1</sup>/<sub>2</sub> × 14□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>2</sub> × 11□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 13□,</p> <p>8 × 10□, 7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□□, 11 × 15□, 10 × 14□, 8<sup>1</sup>/<sub>2</sub> × 13<sup>2</sup>/<sub>5</sub>□</p> <p> <b>Region B</b></p> <p>A3□, A4□, A5□, A6□, B4 JIS□, B5 JIS□, B6 JIS□, 8<sup>1</sup>/<sub>2</sub> × 13□, 8<sup>1</sup>/<sub>4</sub> × 14□, 8<sup>1</sup>/<sub>4</sub> × 13□, 8 × 13□, 8 × 10□,</p> <p>7<sup>1</sup>/<sub>4</sub> × 10<sup>1</sup>/<sub>2</sub>□, 5<sup>1</sup>/<sub>2</sub> × 8<sup>1</sup>/<sub>2</sub>□, 8K□, 16K□□, 11 × 15□, 10 × 14□</p>	<p>550 sheets</p>
<p>60–300 g/m<sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4</p>	<p>Custom size*<sup>2</sup>:</p> <p> <b>Region A</b></p> <p>Vertical: 90.0–297.0 mm Horizontal: 148.0–431.8 mm</p> <p> <b>Region B</b></p> <p>Vertical: 3.55–11.69 inches Horizontal: 5.83–17.00 inches</p>	<p>550 sheets</p>




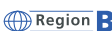
Paper type and weight	Paper size	Paper capacity
Envelopes	Select the paper size using the Tray Paper Settings menu: $4\frac{1}{8} \times 9\frac{1}{2}$ , $3\frac{7}{8} \times 7\frac{1}{2}$ , C5 Env, C6 Env, DL Env	<ul style="list-style-type: none"> <li>: 50 sheets</li> <li>:</li> </ul> Double flap: 15 sheets Single flap: 25 sheets

\*1 Adjust the supporting side fence before loading B4 JIS, A3, or  $11 \times 17$  paper into Trays 3–4.






\*2 When loading paper with a vertical length of more than 279.4 mm (11.0 inches) in Tray 1, use paper that has a horizontal width of 420 mm (16.6 inches) or less.

### Bypass tray

Paper type and weight	Paper size	Paper capacity
52–300 g/m <sup>2</sup> (14 lb. Bond–110 lb. Cover) Thin Paper–Thick Paper 4	Paper sizes that can be detected automatically:  <b>Region A</b> A3, A4, A5, A6, B4 JIS, B5 JIS, B6 JIS  <b>Region B</b> A5, B5 JIS, $11 \times 17$ , $8\frac{1}{2} \times 11$ , $5\frac{1}{2} \times 8\frac{1}{2}$ , $7\frac{1}{4} \times 10\frac{1}{2}$ , $12 \times 18$	<ul style="list-style-type: none"> <li>100 sheets (up to 10 mm in height)</li> <li>Thick Paper 1: 40 sheets</li> <li>Thick Paper 2–Thick Paper 3: 20 sheets</li> <li>Thick Paper 4: 16 sheets</li> </ul>









Paper type and weight	Paper size	Paper capacity
52–300 g/m <sup>2</sup> (14 lb. Bond–110 lb. Cover) Thin Paper–Thick Paper 4	*1  <b>Region A</b> 11 × 17□, 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13□, 8 <sup>1</sup> / <sub>2</sub> × 11□□, 8 <sup>1</sup> / <sub>4</sub> × 14□, 8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □□, 5 <sup>1</sup> / <sub>2</sub> × 8 <sup>1</sup> / <sub>2</sub> □, 8K□, 16K□□, 12 × 18□, 11 × 15□, 10 × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □   <b>Region B</b> A3□, A4□□, A5□, A6□, B4 JIS□, B5 JIS□, B6 JIS□, 8 <sup>1</sup> / <sub>2</sub> × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13□, 8 <sup>1</sup> / <sub>4</sub> × 14□, 8 <sup>1</sup> / <sub>4</sub> × 13□, 8 × 13□, 8 × 10□, 7 <sup>1</sup> / <sub>4</sub> × 10 <sup>1</sup> / <sub>2</sub> □, 8K□, 16K □□, 11 × 15□, 10 × 14□, 8 <sup>1</sup> / <sub>2</sub> × 13 <sup>2</sup> / <sub>5</sub> □	<ul style="list-style-type: none"> <li>• 100 sheets (up to 10 mm in height)</li> <li>• Thick Paper 1: 40 sheets</li> <li>• Thick Paper 2–Thick Paper 3: 20 sheets</li> <li>• Thick Paper 4: 16 sheets</li> </ul>
52–300 g/m <sup>2</sup> (14 lb. Bond–110 lb. Cover) Thin Paper–Thick Paper 4	Custom size *2:  <b>Region A</b> Vertical: 90.0–304.8 mm *3 Horizontal: 148.0–600.0 mm *4   <b>Region B</b> Vertical: 3.55–12.00 inches *3 Horizontal: 5.83–23.62 inches *4	<ul style="list-style-type: none"> <li>• 100 sheets (up to 10 mm in height)</li> <li>• Thick Paper 1: 40 sheets</li> <li>• Thick Paper 2–Thick Paper 3: 20 sheets</li> <li>• Thick Paper 4: 16 sheets</li> </ul>
OHP transparencies	A4□□, 8 <sup>1</sup> / <sub>2</sub> × 11□□	50 sheets
Translucent paper	A3□, A4□□, B4 JIS□, B5 JIS□□	1 sheet
Label paper (adhesive labels)	B4 JIS□, A4□□	30 sheets



Paper type and weight	Paper size	Paper capacity
Envelopes	*1 $4\frac{1}{8} \times 9\frac{1}{2}$  , $3\frac{7}{8} \times 7\frac{1}{2}$  , C5 Env  , C6 Env  , DL Env 	10 sheets











- \*1 Select the paper size. For copier mode, see "Copying from the Bypass Tray", Copy/ Document Server. For printer mode, see page 154 "Specifying regular sizes using the control panel".
- \*2 Enter the paper size. For copier mode, see "Copying from the Bypass Tray", Copy/ Document Server. For printer mode, see page 155 "Specifying a custom size paper using the control panel".
- \*3 When only the Internal Multi-Folding unit is installed, the vertical size range is limited to 90.0–297.0 mm (3.55–11.69 inches).
- \*4 Paper that has a horizontal length of 432 mm (17.1 inches) or more is prone to creasing, feed failures, and jamming.

### Tray 3 (LCT)

Paper type and weight	Paper size	Paper capacity
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	 Region A A4   Region B $8\frac{1}{2} \times 11$ 	1000 sheets × 2
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	*1  Region A $8\frac{1}{2} \times 11$   Region B A4 	1000 sheets × 2

- \*1 To load paper any of the sizes specified above, contact your service representative.

**Large capacity tray (LCT)**

Paper type and weight	Paper size	Paper capacity
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	 <b>Region A</b> A4   <b>Region B</b> 8 1/2 × 11 	1500 sheets
60–300 g/m <sup>2</sup> (16 lb. Bond–110 lb. Cover) Plain Paper 1–Thick Paper 4	*1  <b>Region A</b> B5 JIS  , 8 1/2 × 11   <b>Region B</b> A4  , B5 JIS 	1500 sheets

\*1 To load paper any of the sizes specified above, contact your service representative.

**Paper Thickness**

Paper Thickness *1	Paper weight
Thin Paper *2	52–59 g/m <sup>2</sup> (14–15 lb. Bond)
Plain Paper 1	60–74 g/m <sup>2</sup> (16–20 lb. Bond)
Plain Paper 2	75–81 g/m <sup>2</sup> (20 lb. Bond)
Middle Thick	82–105 g/m <sup>2</sup> (20–28 lb. Bond)
Thick Paper 1	106–169 g/m <sup>2</sup> (28 lb. Bond–90 lb. Index)
Thick Paper 2	170–220 g/m <sup>2</sup> (65–80 lb. Cover)
Thick Paper 3	221–256 g/m <sup>2</sup> (80 lb. Cover–140 lb. Index)
Thick Paper 4	257–300 g/m <sup>2</sup> (140 lb. Index–110 lb. Cover)

\*1 Print quality will decrease if the paper you are using is close to the minimum or maximum weight. Change the paper weight setting to thinner or thicker.

\*2 Depending on the type of thin paper, the edges may crease or the paper may be misfed.

**Note**

- Certain types of paper, such as translucent paper or OHP transparencies, may produce noise when delivered. This noise does not indicate a problem and print quality is unaffected.

- The paper capacity described in the tables above is an example. Actual paper capacity might be lower, depending on the paper type.
- When loading paper, make sure the stack height does not exceed the limit mark of the paper tray.
- If multiple sheet feeding occurs, fan sheets thoroughly or load sheets one by one from the bypass tray.
- Flatten out curled sheets before loading them.
- Depending on the paper sizes and types, the copy/print speed may be slower than usual.
- When loading thick paper of 106–300 g/m<sup>2</sup> (28 lb. Bond–110 lb. Cover), see page 170 "Thick paper".
- When loading envelopes, see page 171 "Envelopes".
- When copying or printing onto letterhead paper, the paper placing orientation is different depending on which function you are using. For details, see page 159 "Loading Orientation-fixed Paper or Two-sided Paper".
- If you load paper of the same size and same type in two or more trays, the machine automatically feeds from one of the trays in which [Yes] is selected for [Apply Auto Paper Select] when the first tray in use runs out of paper. This function is called Auto Tray Switching. This saves interrupting a copy run to replenish paper when making a large number of copies. You can specify the paper type of the paper trays under [Paper Type]. For details, see "Tray Paper Settings", Connecting the Machine/ System Settings. For the setting procedure of the Auto Tray Switching function, see "General Features", Copy/ Document Server.
- When loading label paper:
  - We recommend that you use specified label paper.
  - It is recommended to place one sheet at a time.
  - Press [Bypass], and then select the appropriate paper thickness for [Paper Type].
- When loading OHP transparencies:
  - It is recommended to place one sheet at a time.
  - When copying onto OHP transparencies, see "Copying onto OHP Transparencies", Copy/ Document Server.
  - When printing on OHP transparencies from the computer, see page 156 "Specifying thick paper, thin paper, or OHP transparencies for paper type using the control panel".
  - Fan OHP transparencies thoroughly whenever you use them. This prevents OHP transparencies from sticking together, and from feeding incorrectly.
  - Remove copied or printed sheets one by one.
- When loading translucent paper:
  - When loading translucent paper, always use long grain paper, and set the paper direction according to the grain.

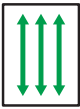
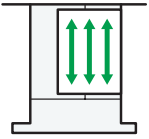
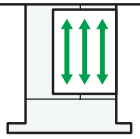
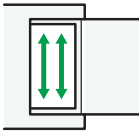
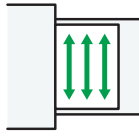

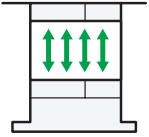
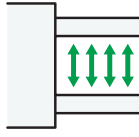
- Translucent paper easily absorbs humidity and becomes curled. Remove curl in the translucent paper before loading.
- Remove copied or printed sheets one by one.

### Thick paper

This section gives you various details about and recommendations concerning thick paper.

When loading thick paper of 106–300 g/m<sup>2</sup> (28 lb. Bond–110 lb. Cover), follow the recommendations below to prevent misfeeds and loss of image quality.

- Store all your paper in the same environment - a room where the temperature is 20–25°C (68–77°F) and the humidity is 30–65%.
- When loading paper in the paper trays, be sure to load at least 20 sheets. Also, be sure to position the side fences flush against the paper stack.
- Jams and misfeeds can occur when printing on thick smooth paper. To prevent such problems, be sure to fan smooth paper thoroughly before loading them. If paper continues to become jammed or feed in together even after they are fanned, load them one by one from the bypass tray.
- When loading thick paper, set the paper direction according to its grain, as shown in the following diagram:

Direction of paper grain	Trays 1–4	Tray 3 (LCT)	Large capacity tray (LCT)	Bypass tray
				
		Not recommended	Not recommended	

**Note**

- Select [Thick Paper 1], [Thick Paper 2], [Thick Paper 3], or [Thick Paper 4] as the paper thickness in [Tray Paper Settings].
- Even if thick paper is loaded as described above, normal operations and print quality might still not be possible, depending on the paper type.
- Prints might have prominent vertical creases.
- Prints might be noticeably curled. Flatten out prints if they are creased or curled.

## Envelopes

This section gives you various details about and recommendations concerning envelopes.


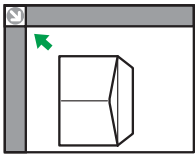
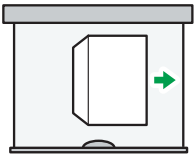
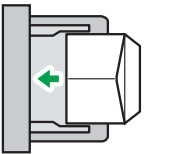
### ★ Important


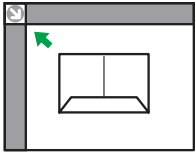
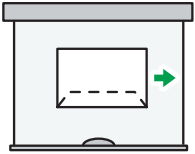
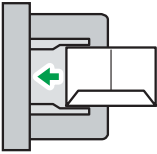
- Do not use window envelopes.
- Misfeeds might occur depending on the length and shape of the flaps.
- Only envelopes that are at least 148 mm (5.9 inches) wide and whose flaps are open can be loaded in the □ orientation.
- When loading envelopes in the □ orientation, load them with flaps fully open. Otherwise, they might not feed into the machine.
- Before loading envelopes, press down on them to remove any air from inside, flatten out all four edges. If they are bent or curled, flatten their leading edges (the edge going into the machine) by running a pencil or ruler across them.

### In copier mode

The way to load envelopes varies depending on the orientation of the envelopes. When copying onto envelopes, load them according to the applicable orientation shown below:

#### How to load envelopes

Orientation of envelopes	Exposure glass	Trays 1–4	Bypass tray
Side-opening envelopes □ 	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the left of the machine</li> <li>• Side to be scanned: face down</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the right of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the left of the machine</li> <li>• Side to be printed: face down</li> </ul>


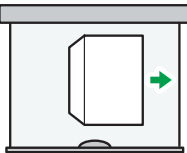
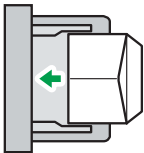
Orientation of envelopes	Exposure glass	Trays 1-4	Bypass tray
Side-opening envelopes 	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be scanned: face down</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face down</li> </ul>



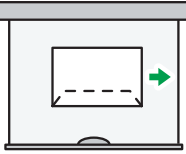
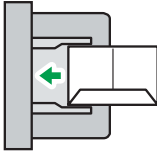
When loading envelopes, specify the envelope size and thickness. For details, see "Copying onto Envelopes", Copy/ Document Server.

**In printer mode**

The way to load envelopes varies depending on the orientation of the envelopes. When printing onto envelopes, load them according to the applicable orientation shown below:

**How to load envelopes**

Types of envelopes	Trays 1-4	Bypass tray
Side-opening envelopes 	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the right of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: open</li> <li>• Bottom side of envelopes: toward the left of the machine</li> <li>• Side to be printed: face down</li> </ul>

Types of envelopes	Trays 1–4	Bypass tray
<p>Side-opening envelopes </p> 	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face up</li> </ul>	 <ul style="list-style-type: none"> <li>• Flaps: closed</li> <li>• Bottom side of envelopes: toward the back of the machine</li> <li>• Side to be printed: face down</li> </ul>

When loading envelopes, select "Envelope" as the paper types using both [Tray Paper Settings] and printer driver and specify the thickness of envelopes. For details, see "Printing on Envelopes", Print.

To print on envelopes that are loaded with their short edges against the machine body, rotate the print image by 180 degrees using the printer driver.

### Recommended envelopes

For information about recommended envelopes, contact your local dealer.

For details about the sizes of envelopes you can load, see page 163 "Recommended Paper Sizes and Types".

#### Note

- Load only one size and type of envelope at a time.
- The Duplex function cannot be used with envelopes.
- To get better output quality, it is recommended that you set the right, left, top, and bottom print margin, to at least 15 mm (0.6 inches) each.
- Output quality on envelopes may be uneven if parts of an envelope have differing thicknesses. Print one or two envelopes to check print quality.
- Copied or printed sheets are delivered to the internal tray even if you specified a different tray.
- Flatten out prints if they are creased or curled.
- Check the envelopes are not damp.
- High temperature and high humidity conditions can reduce print quality and cause envelopes to become creased.
- Depending on the environment, copying or printing on envelopes may wrinkle them even if they are recommended.

- Certain types of envelopes might come out creased, dirtied, or misprinted. If you are printing a solid color on an envelope, lines may appear where the overlapped edges of the envelope make it thicker.



# Adding Toner

This section explains precautions when adding toner, how to send faxes or scanned documents when the toner has run out, and how to dispose of used toner.

## **WARNING**

- Do not incinerate toner (new or used) or toner containers. Doing so risks burns. Toner will ignite on contact with naked flame.
- Do not store toner (new or used) or toner containers anywhere near naked flames. Doing so risks fire and burns. Toner will ignite on contact with naked flame.
- Do not use a vacuum cleaner to remove spilled toner (including used toner). Absorbed toner may cause a fire or explosion due to electrical contact flickering inside the vacuum cleaner. However, it is possible to use a vacuum cleaner that is explosion-proof and dust ignition-proof. If toner is spilled on the floor, remove the spilled toner slowly using a wet cloth, so that the toner is not scattered.
- The following explains the warning messages on the plastic bag used in this product's packaging.
  - Keep the polythene materials (bags, etc.) supplied with this machine away from babies and small children at all times. Suffocation can result if polythene materials are brought into contact with the mouth or nose.

## **CAUTION**

- Do not crush or squeeze toner containers. Doing so can cause toner spillage, possibly resulting in dirtying of skin, clothing, and floor, and accidental ingestion.
- Store toner (new or used), toner containers, and components that have been in contact with toner out of reach of children.
- If toner or used toner is inhaled, gargle with plenty of water and move into a fresh air environment. Consult a doctor if necessary.
- If toner or used toner gets into your eyes, flush immediately with large amounts of water. Consult a doctor if necessary.
- If toner or used toner is swallowed, dilute by drinking a large amount of water. Consult a doctor if necessary.

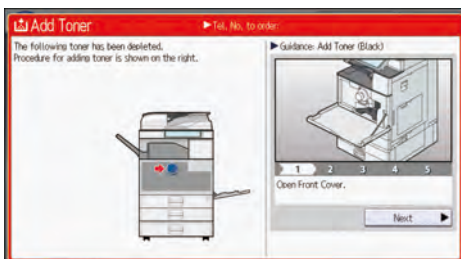
## ⚠ CAUTION

- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your clothing. If toner comes into contact with your clothing, wash the stained area with cold water. Hot water will set the toner into the fabric and make removing the stain impossible.
- When removing jammed paper or replacing toner, avoid getting toner (new or used) on your skin. If toner comes into contact with your skin, wash the affected area thoroughly with soap and water.
- When replacing a toner or waste toner container or consumables with toner, make sure that the toner does not splatter. Put the waste consumables in a bag after they are removed. For consumables with a lid, make sure that the lid is shut.




## ★ Important

- Always replace the toner cartridge when a notification appears on the machine.
- Fault may occur if you use toner other than the recommended type.
- When adding toner, do not turn off the main power. If you do, settings will be lost.
- Store toner where it will not be exposed to direct sunlight, temperatures above 35°C (95°F), or high humidity.
- Store toner horizontally.
- Do not shake the toner cartridge with its mouth down after removing it. Residual toner may scatter.
- Do not repeatedly install and remove toner cartridges. This will result in toner leakage.

Follow the instruction on the screen regarding how to replace a toner cartridge.



## ↓ Note

- If "Toner Cartridge is almost empty." appears on the system message widget, the toner has almost run out. Have a replacement toner cartridge at hand.
- If  appears when there is a lot of toner, hold the cartridge with the opening upward, shake it well, and then reinstall it.
- When "No Toner" appears on the system message widget, you can check the name of the required toner and the replacement procedure using the [Add Toner] screen. To display the [Add


Toner] screen, press [Check Status], and then press [Check] in the [Mach. Status] area in the [Mach./Applic. Stat] tab.

- For details about how to check contact number where you can order supplies, see "Inquiry", Maintenance and Specifications.

## Sending Faxes or Scanned Documents When Toner Has Run Out

When the machine has run out of toner, the indicator on the display lights. Note that even if there is no toner left, you can still send faxes or scanned documents.

### ★ Important

- If number of communications executed after the toner has run out and not listed in the automatically output Journal exceeds 200, communication is not possible.
1. Press [Home]  at the bottom of the screen in the center.
  2. Press the [Fax] icon or the [Scanner] icon.
  3. Press [Exit], and then perform transmission operation.

The error message disappears.

### ↓ Note

- Any reports are not printed.

## Disposing of Used Toner

This section describes what to do with used toner.

Toner cannot be re-used.

Pack used toner containers in the container's box or a bag to prevent the toner from leaking out of the container when you dispose of it.

 **Region A** (mainly Europe and Asia)

If you want to discard your used toner container, please contact your local sales office. If you discard it by yourself, treat it as general plastic waste material.

 **Region B** (mainly North America)

Please see our local company website for information on the recycling of supply products, or you can recycle items according to the requirements of your local municipalities or private recyclers.












# 10. Troubleshooting

This chapter describes basic troubleshooting procedures.

## When a Status Icon Is Displayed

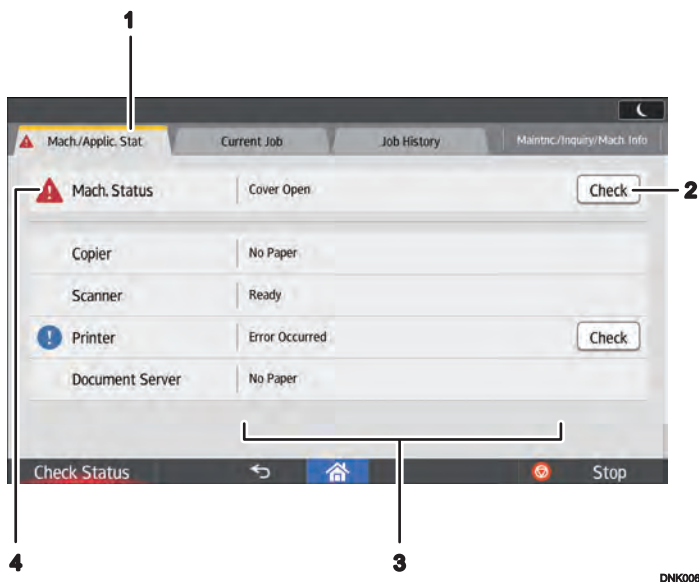
This section describes the status icons displayed when the machine requires the user to remove misfed paper, to add paper, or to perform other procedures.

Status Icon	Status
 : Paper Misfeed icon	Appears when a paper misfeed occurs. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.
 : Original Misfeed icon	Appears when an original misfeed occurs. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.
 : Load Paper icon	Appears when paper runs out. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper.
 : Add Toner icon	Appears when toner runs out. For details about adding toner, see "Adding Toner", Maintenance and Specifications.
 : Add Staple icon	Appears when staples run out. For details about adding staples, see "Adding Staples", Maintenance and Specifications.
 : Waste Toner Full icon	Appears when the waste toner bottle is full. Contact your service representative.
 : Hole Punch Receptacle Full icon	Appears when the hole punch receptacle is full. For details about removing punch waste, see "Removing Punch Waste", Troubleshooting.
 : Service Call icon	Appears when the machine is malfunctioning or requires maintenance.
 : Open Cover icon	Appears when one or more covers of the machine are open.

# When the Indicator Lamp for [Check Status] Is Lit or Flashing

If the indicator lamp for [Check Status] lights up or flashes, press [Check Status] to display the [Check Status] screen. Check the status of each function in the [Check Status] screen.

[Check Status] screen



DNK006

## 1. [Mach./Applic. Stat] tab

Indicates the status of the machine and each function.

## 2. [Check]

If an error occurs in the machine or a function, press [Check] to view details.


Pressing [Check] displays an error message or the corresponding function screen. Check the error message displayed on the function screen and take the appropriate action. For details about how to resolve the problems described in error messages, see "When Messages Appear", Troubleshooting.

## 3. Messages


Displays a message that indicates the status of the machine and each function.

## 4. Status icons

The status icons that can be displayed are described below:

: The function is performing a job.

: The machine cannot be used because an error has occurred in the machine.

: The function cannot be used because an error has occurred in the function or machine. This icon may also appear if the toner is running low.

The following table explains problems that cause the indicator lamp for [Check Status] to light or flash.

Problem	Cause	Solution
Documents and reports do not print out.	The paper output tray is full.	Remove the prints from the tray.
Documents and reports do not print out.	There is no paper left.	Load paper. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper.
An error has occurred.	A function which has the status "Error Occurred" in the [Check Status] screen is defective.	Press [Check] in the function which the error has occurred. Then read the displayed message, and take the appropriate action. For details about error messages and their solutions, see "When Messages Appear", Troubleshooting. You can use other functions normally.
The machine is unable to connect to the network.	A network error has occurred.	<ul style="list-style-type: none"> <li>• Check that the machine is correctly connected to the network and that the machine is correctly set. For details about how to connect the network, see "Connecting to the Interface", Connecting the Machine/ System Settings.</li> <li>• For details about connecting to the network, contact your administrator.</li> <li>• If the indicator lamp is still lit even after you try to solve the problem as described here, contact your service representative.</li> </ul>

## When the Machine Makes a Beeping Sound

The following table describes the meaning of the various beep patterns that the machine issues to alert users about left originals and other machine conditions.

Beep pattern	Meaning	Cause
Single short beep	Panel/screen input accepted.	A screen key was pressed.
Short, then long beep	Panel/screen input rejected.	An invalid key was pressed on the screen, or the entered password was incorrect.
Single long beep	Job completed successfully.	A Copier/Document Server Features job has finished.
2 long beeps	Machine has warmed up.	When the power is turned on or the machine exits Sleep mode, the machine has fully warmed up and is ready for use.
5 long beeps	Soft alert	An auto reset was performed through the simple screen of the Copier/Document Server function, the Facsimile function, or the Scanner function.
5 long beeps repeated four times.	Soft alert	An original has been left on the exposure glass or paper tray is empty.
5 short beeps repeated five times.	Strong alert	The machine requires user attention because paper has jammed, the toner needs replenishing, or other problems have occurred.

### ↓ Note

- Users cannot mute the machine's beep alerts. When the machine beeps to alert users of a paper jam or toner request, if the machine's covers are opened and closed repeatedly within a short space of time, the beep alert might continue, even after normal status has resumed.
- You can enable or disable beep alerts. For details about Sound, see "DEVICE", Connecting the Machine/ System Settings.



# When You Have Problems Operating the Machine

Problem	Cause	Solution
When the machine is turned on, the only icon that appears on the home screen is the [Copier] icon.	Functions other than the copier function are not yet ready.	Wait a little longer.
The machine has just been turned on and the User Tools screen is displayed, but the User Tools menu has items missing.	Functions other than the copier function are not yet ready. Time required varies by function. Functions appear in the User Tools menu when they become ready for use.	Wait a little longer.
The indicator lamp remains lit and the machine does not enter Sleep mode even though [Energy Saver] was pressed.	In some cases, the machine does not enter Sleep mode when [Energy Saver] is pressed.	Before you press [Energy Saver], check that Sleep mode can be enabled. For details about enabling Sleep mode, see "Saving Energy", Getting Started.
The display is turned off.	The machine is in Sleep mode.	Touch the display panel.
Nothing happens when the display panel is touched.	The power is turned off.	Make sure the main power indicator is off, and then turn on the power.
The power turns off automatically.	The Weekly Timer setting is set to [Main Power Off].	Change the Weekly Timer setting. For details about the Weekly Timer setting, see "Timer Settings", Connecting the Machine/ System Settings.
The user code entry screen is displayed.	Users are restricted by User Code Authentication.	For details about how to log in when User Code Authentication is enabled, see "When the Authentication Screen is Displayed", Getting Started.
The Authentication screen appears.	User Authentication is set.	See "When the Authentication Screen is Displayed", Getting Started.

Problem	Cause	Solution
An error message is still displayed, even if misfed paper is removed.	Paper is still jammed in the tray.	Remove the jammed paper by following the procedures displayed on the control panel. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.
An error message is still displayed, even if the indicated cover is closed.	One or more of the covers that are not indicated are still open.	Close all the covers of the machine.
Images are printed on the reverse side of the paper.	You may have loaded the paper incorrectly.	Load the paper correctly. For details about loading paper, see "Loading Paper", Paper Specifications and Adding Paper.
Misfeeds occur frequently.	Using curled paper often causes misfeeds, soiled paper edges, or slipped positions while stack printing is performed.	<ul style="list-style-type: none"> <li>• Flatten the paper with your hands to straighten out the curl.</li> <li>• Load the paper upside down so that the curled edges face downward. For details about recommended paper, see "Recommended Paper", Paper Specifications and Adding Paper.</li> <li>• Place the cut paper on a flat surface to prevent it from curling, and do not lean it against the wall. For details about the proper way to store paper, see "Paper Storage", Paper Specifications and Adding Paper.</li> </ul>

Problem	Cause	Solution
Misfeeds occur frequently.	The tray's side or end fences may not be set properly.	<ul style="list-style-type: none"> <li>Remove the misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>Check that the side or end fences are set properly. Also, check that the side fences are locked. For details about setting the side and end fences, see "Changing the Paper Size", Paper Specifications and Adding Paper.</li> </ul>
Misfeeds occur frequently.	Paper of undetectable size has been loaded.	<ul style="list-style-type: none"> <li>Remove misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>If you load a paper size that is not selected automatically, you need to specify the paper size with the control panel. For details about specifying paper size with the control panel, see "Changing to a Size That Is Not Automatically Detected", Paper Specifications and Adding Paper.</li> </ul>
Misfeeds occur frequently.	There is a foreign object on the finisher tray.	<ul style="list-style-type: none"> <li>Remove the misfed paper. For details about removing jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>Do not place anything on the finisher tray.</li> </ul>
Cannot print in duplex mode.	You have selected a paper tray that is not set for duplex printing.	Change the setting for "Apply Duplex" in "Tray Paper Settings" to enable duplex printing for the paper tray. For details about setting "Apply Duplex", see "Tray Paper Settings", Connecting the Machine/ System Settings.

Problem	Cause	Solution
Cannot print in duplex mode.	You have selected a paper type that cannot be used for duplex printing.	In "Tray Paper Settings", select a paper type that can be used for duplex printing. For details about setting "Paper Type", see "Tray Paper Settings", Connecting the Machine/System Settings.
Paper does not align neatly when it is output from the internal shift tray.	The paper press attached to the paper output slot of the internal shift tray is pointed towards the back or front of the tray.	Adjust the paper press so that it points in the same direction as the paper that is output.
The machine does not turn off in 6 minutes after the main power is turned off.	The machine cannot perform the shutdown procedure.	Repeat the shutdown procedure. If the machine does not turn off, contact your service representative.
An error has occurred when the Address Book is changed from the display panel or Web Image Monitor.	The Address Book cannot be changed while you delete the multiple stored documents.	Wait a while, and then retry the operation.
The Address Book cannot be changed from the display panel.	The Address Book cannot be changed while it is being backed up from Web Image Monitor or other tools running on the computer.	<ul style="list-style-type: none"> <li>• Wait until the Address Book backup is complete, and then try to change the Address Book again.</li> <li>• If an SC997 error occurs, press [Exit].</li> </ul>
Cannot use Web Image Monitor to print documents stored in Document Server.	When print volume limits are specified, users cannot print beyond their print volume limit. Print jobs selected by users who have reached their print volume limits will be canceled.	<ul style="list-style-type: none"> <li>• For details about specifying print volume limits, see "Managing Print Volume per User", Security Guide.</li> <li>• To view the status of a print job, see [Print Job History]. In Web Image Monitor, click [Job] on the [Status/Information] menu. And then click [Print Job History] in "Document Server".</li> </ul>

Problem	Cause	Solution
The function does not run or cannot be used.	If you cannot carry out your job, it may be that the machine is being used by another function.	Wait until the current job is completed before trying again.  For details about Function Compatibility, see "When Multiple Functions Cannot Be Executed Simultaneously", Troubleshooting.
The function does not run or cannot be used.	The function cannot be performed while the Address Book is being backed up from Web Image Monitor or other tools running on the computer.	Wait a while. When the Address Book backup is complete, the function will be performed.
Paper is bent.	Paper may be bent when it is ejected from the finisher upper tray.	Change the output tray to the finisher shift tray.

#### Note

- There are times when images might not turn out as you want because of paper type, paper size, or paper capacity problems. Use the recommended paper. For details about recommended paper, see page 163 "Recommended Paper Sizes and Types".

## When Multiple Functions Cannot Be Executed Simultaneously

If you cannot carry out your job, it may be that the machine is being used by another function.

Wait until the current job is completed before trying again. In certain cases, you can carry out another job using a different function while the current job is being performed.

For details about Function Compatibility, see "Function Compatibility", Copy/ Document Server.

## Messages Displayed When You Use the Copy/Document Server Function

### ★ Important

- If you cannot make copies as you want because of the paper type, paper size or paper capacity problems, use recommended paper. For details about recommended paper, see page 163 "Recommended Paper Sizes and Types".

Message	Cause	Solution
"Cannot delete the folder because it contains files with passwords. Delete the files with passwords, or please contact the file administrator."	The folder cannot be deleted because it contains a locked original.	Unlock the locked original to delete it. For details about locked files, see "Managing Stored Files", Security Guide.
"Cannot detect original size."	The original placed on the exposure glass is a non-standard size.	<ul style="list-style-type: none"> <li>• Place the original on the exposure glass again. Face the original down.</li> <li>• If the machine cannot detect the size of the original, specify the size manually - do not use Auto Paper Select mode or the Auto Reduce/Enlarge function. For details about specifying the settings, see "Sizes Detectable with Auto Paper Select", Paper Specifications and Adding Paper.</li> </ul>
"Cannot detect original size."	Original is not placed, or the original placed on the exposure glass is a non-standard size.	<ul style="list-style-type: none"> <li>• Place the original correctly.</li> <li>• Specify the paper size.</li> <li>• When placing an original directly on the exposure glass, the lifting/lowering action of the exposure glass cover or the Auto Document Feeder (ADF) triggers the automatic original size detection process. Lift the exposure glass cover or the ADF 30 degrees or more.</li> </ul>

Message	Cause	Solution
"Cannot display preview of this page."	The image data may have been corrupted.	Press [Exit] to display the preview screen without a thumbnail.  If the selected document contains several pages, press [Switch] on the "Display Page" area to change the page, and then a preview of the next page will appear.
"Cannot punch this paper size."	The Punch function cannot be used with paper size selected.	For details about paper, see "Specifications for Punch Unit (Internal Finisher SR3130)", "Specifications for Punch Unit (Finisher SR3210, Booklet Finisher SR3220)", or "Specifications for Punch Unit (Finisher SR3230, Booklet Finisher SR3240)", Maintenance and Specifications.
"Cannot staple paper of this size."	The Staple function cannot be used with paper size selected.	Select a proper paper size. For details about paper, see "Specifications for Internal Finisher SR3130", "Specifications for Finisher SR3210", "Specifications for Booklet Finisher SR3220", "Specifications for Finisher SR3230", "Specifications for Booklet Finisher SR3240", or "Specifications for Internal Finisher SR3180", Maintenance and Specifications.
"Check paper size."	An irregular paper size is set.	If you press [Start], the copy will start using the selected paper.
"Duplex is not available with this paper size."	A paper size not available in Duplex mode has been selected.	Select a proper paper size. For details about paper, see "Specifications for the Main Unit", Maintenance and Specifications.
"Exceeded the maximum number of sheets that can be used. Copying will be stopped."	The number of pages the user is permitted to copy has been exceeded.	For details about how to check the number of copies available per user, see "Managing Print Volume per User", Security Guide.

Message	Cause	Solution
"File being stored exceeded max. number of pages per file. Copying will be stopped."	The scanned originals have too many pages to store as one document.	Press [Exit], and then store again with an appropriate number of pages.
"Magazine or Booklet mode is not available due to mixed image mode."	You selected the "Magazine" or "Booklet" function for originals scanned using different functions, such as copy and printer.	Make sure originals for the "Magazine" or "Booklet" function are scanned using the same function.
"Maximum number of sets is n." ("n" is replaced by a variable.)	The number of copies exceeds the maximum copy quantity.	You can change the maximum copy quantity from [Max. Copy Quantity] in [General Features] under [Copier / Document Server Features]. For details about Max. Copy Quantity, see "General Features", Copy/ Document Server.
"Memory is full. nn originals have been scanned. Press [Print] to copy scanned originals. Do not remove remaining originals." ("n" is replaced by a variable.)	The number of scanned originals exceed the number of pages that can be stored in memory.	Press [Print] to copy scanned originals and cancel the scanning data. Press [Clear Memory] to cancel the scanning data and not copy.
"Press [Continue] to scan and copy remaining originals."	The machine checked if the remaining originals should be copied, after the scanned originals were printed.	Remove all copies, and then press [Continue] to continue copying. Press [Stop] to stop copying.
"Rotate Sort is not available with this paper size."	A size of paper for which Rotate Sort is not available is selected.	Select a proper paper size. For details about paper, see "Sort", Copy/ Document Server.



Message	Cause	Solution
"Stapling capacity exceeded."	The number of sheets per set is over the staple capacity.	Check the stapler capacity. For details about the stapler capacity, see "Specifications for Internal Finisher SR3130", "Specifications for Finisher SR3210", "Specifications for Booklet Finisher SR3220", "Specifications for Finisher SR3230", "Specifications for Booklet Finisher SR3240", or "Specifications for Internal Finisher SR3180", Maintenance and Specifications.
"The selected folder is locked. Please contact the file administrator."	An attempt was made to edit or use a locked folder.	For details about locked folders, see "Managing Folders", Security Guide.

**Note**

- If you set [Memory Full Auto Scan Restart] in [Input / Output] of User Tools to [On], even if the memory becomes full, the memory overflow message will not be displayed. The machine will make copies of the scanned originals first, and then automatically proceed to scan and to copy the remaining originals. In this case, the resulting sorted pages will not be sequential. For details about Memory Full Auto Scan Restart, see "Input / Output", Copy/ Document Server.

## Messages Displayed When You Use the Facsimile Function

Message	Cause	Solution
"Connection with the destination has failed. Check the settings."	The name of the computer or folder entered as the destination is wrong.	Check that the computer name and the folder name for the destination are correct.
"Error occurred, and transmission was cancelled."	<ul style="list-style-type: none"> <li>• Original jammed during Immediate Transmission.</li> <li>• A problem occurred in the machine, or noise occurred on the telephone line.</li> </ul>	Press [Exit], and then send the documents again.
"Functional problem occurred. Stopped processing."	The power was turned off while the machine was receiving a document by Internet Fax.	Even if you turn on the power immediately, depending on the mail server, the machine might not be able to resume receiving the Internet Fax if the timeout period has not expired. Wait until the mail server's timeout period has expired, and then resume receiving the Internet Fax. For details about receiving the Internet Fax, contact your administrator.
"Functional problems with facsimile. Data will be initialized."	There is a problem with the fax.	Record the code number shown on the screen, and then contact your service representative. Other functions can be used.
"Memory is full. Cannot scan more. Transmission will be stopped."	The memory is full.	<p>If you press [Exit], the machine returns to standby mode and starts transmitting the stored pages.</p> <p>Check the pages that have not been sent using the Communication Result Report, and then resend those pages.</p>
"Put original back, check it and press the Start key."	Original jammed during Memory Transmission.	Press [Exit], and then send the documents again.

Message	Cause	Solution
"Some page(s) are near blank."	The first page of the document is almost blank.	The original's blank side might have been scanned. Be sure to place your originals correctly. For details about determining the cause of blank pages, see "Detecting Blank Pages", Fax.

**Note**

- Settings that can be confirmed in System Settings or Fax Features on the control panel can also be confirmed from Web Image Monitor. For details about how to confirm the settings from Web Image Monitor, see Web Image Monitor Help.
- If the paper tray runs out of paper, "There is no paper. Load paper." appears on the screen, prompting you to add paper. If there is paper left in the other trays, you can receive documents as usual, even if the message appears on the screen. You can turn this function on or off with "Parameter Settings". For details about how to do this, see "Parameter Settings", Fax.

### When Network Setting Problems Occur

Message	Cause	Solution
"Check whether there are any network problems." [13-10]	The alias telephone number you entered is already registered on the gatekeeper by another device.	<ul style="list-style-type: none"> <li>• Check that the correct alias phone number is listed in [H.323 Settings] of [Fax Features]. For details about H.323 Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [13-11]	Cannot access gatekeeper.	<ul style="list-style-type: none"> <li>• Check that the correct gatekeeper address is listed in [H.323 Settings] of [Fax Features]. For details about H.323 Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
"Check whether there are any network problems." [13-17]	User name registration is refused by SIP server.	<ul style="list-style-type: none"> <li>• Correct that the correct SIP Server IP Address and SIP User Name are listed in [SIP Settings] of [Fax Features]. For details about SIP Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [13-18]	Cannot access SIP server.	<ul style="list-style-type: none"> <li>• Check that the correct SIP Server IP Address is listed in [SIP Settings] of [Fax Features]. For details about SIP Settings, see "Initial Settings", Fax.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Check whether there are any network problems." [13-24]	The password registered for the SIP server is not the same as the password registered for this machine.	For details about network problems, contact your administrator.
"Check whether there are any network problems." [13-25]	In [Effective Protocol], the IP address is not enabled, or an incorrect IP address has been registered.	<ul style="list-style-type: none"> <li>• Check that IPv4 in [Effective Protocol] is set to "Active" in [System Settings]. For details about effective protocol, see "Interface Settings", Connecting the Machine/ System Settings.</li> <li>• Check that the correct IPv4 address is specified for the machine in [System Settings]. For details about IPv4 address, see "Interface Settings", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
<p>"Check whether there are any network problems." [13-26]</p>	<p>The "Effective Protocol" and "SIP Server IP Address" settings are different, or an incorrect IP address has been registered.</p>	<ul style="list-style-type: none"> <li>• Check that the correct IP address is specified for the machine in [System Settings]. For details about IP address, see "Interface Settings", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [14-01]</p>	<p>The DNS server, SMTP server, or folder specified for transfer to was not found, or the destination for Internet Fax around (not through) the SMTP server could not be found.</p>	<ul style="list-style-type: none"> <li>• Check that the following settings in [System Settings] are listed correctly.                             <ul style="list-style-type: none"> <li>• DNS server</li> <li>• Server name and IP address for the SMTP Server</li> </ul> <p>For details about these settings, see "Interface Settings" or "File Transfer", Connecting the Machine/ System Settings.</p> </li> <li>• Check that the folder for transfer is correctly specified.</li> <li>• Check that the computer in which the folder for transfer is specified is correctly operated.</li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about network problems, contact the administrator of the destinations.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
<p>"Check whether there are any network problems." [14-09]</p>	<p>E-mail transmission was rejected by SMTP authentication, POP before SMTP authentication, or login authentication of the computer in which the folder for transfer is specified.</p>	<ul style="list-style-type: none"> <li>• Check that User Name and Password for the following settings in [System Settings] are listed correctly. <ul style="list-style-type: none"> <li>• SMTP Authentication</li> <li>• POP before SMTP</li> <li>• Fax Email Account</li> </ul> <p>For details about these settings, see "File Transfer", Connecting the Machine/ System Settings.</p> </li> <li>• Check that the user ID and password for the computer with the folder for forwarding are correctly specified.</li> <li>• Check that the folder for forwarding is correctly specified.</li> <li>• Confirm that the computer with the folder for forwarding is properly working.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [14-33]</p>	<p>E-mail addresses for the machine and the administrator are not registered.</p>	<ul style="list-style-type: none"> <li>• Check that the correct e-mail Address is listed in [Fax Email Account] of [System Settings]. For details about Fax Email Account, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
<p>"Check whether there are any network problems." [15-01]</p>	<p>No POP3/IMAP4 server address is registered.</p>	<ul style="list-style-type: none"> <li>• Check that the correct Server Name or Server Address is listed in [POP3 / IMAP4 Settings] of [System Settings]. For details about POP3 / IMAP4 Settings, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [15-02]</p>	<p>Cannot log in to the POP3/IMAP4 server.</p>	<ul style="list-style-type: none"> <li>• Check that the correct User Name and Password are listed in [Fax Email Account] of [System Settings]. For details about Fax Email Account, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [15-03]</p>	<p>No machine e-mail address is specified.</p>	<ul style="list-style-type: none"> <li>• Check that the correct machine e-mail address is specified in [System Settings]. For details about settings of e-mail address, see "File Transfer", Connecting the Machine/ System Settings.</li> <li>• For details about network problems, contact your administrator.</li> </ul>

Message	Cause	Solution
<p>"Check whether there are any network problems." [15-11]</p>	<p>Cannot find the DNS server or POP3/IMAP4 server.</p>	<ul style="list-style-type: none"> <li>• Check that the following settings in [System Settings] are listed correctly. <ul style="list-style-type: none"> <li>• IP address of the DNS Server</li> <li>• the server name or IP address of the POP3/IMAP4 server</li> <li>• the port number of the POP3/IMAP4 server</li> <li>• Reception Protocol</li> </ul> <p>For details about these settings, see "Interface Settings" or "File Transfer", Connecting the Machine/ System Settings.</p> </li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
<p>"Check whether there are any network problems." [15-12]</p>	<p>Cannot log in to the POP3/IMAP4 server.</p>	<ul style="list-style-type: none"> <li>• Check that the following settings in [System Settings] are listed correctly. <ul style="list-style-type: none"> <li>• the user name and password for [Fax Email Account]</li> <li>• the user name and password for POP before SMTP authentication</li> </ul> <p>For details about these settings, see "File Transfer", Connecting the Machine/ System Settings.</p> </li> <li>• For details about network problems, contact your administrator.</li> </ul>



Message	Cause	Solution
"Check whether there are any network problems." [16-00]	<ul style="list-style-type: none"> <li>An IP address has not been registered for the main machine.</li> <li>A network is not connected properly.</li> </ul>	<ul style="list-style-type: none"> <li>Check that the correct IP address is specified for the machine in [System Settings]. For details about the IP address of the main machine, contact your administrator.</li> <li>For details about network problems, contact your administrator.</li> </ul>

### ↓ Note

- Settings that can be confirmed in System Settings or Fax Features on the control panel can also be confirmed from Web Image Monitor. For details about how to confirm the settings from Web Image Monitor, see Web Image Monitor Help.
- If the paper tray runs out of paper, "There is no paper. Load paper." appears on the screen, prompting you to add paper. If there is paper left in the other trays, you can receive documents as usual, even if the message appears on the screen. You can turn this function on or off with "Parameter Settings". For details about how to do this, see "Parameter Settings", Fax.
- If "Check whether there are any network problems." appears, the machine is not correctly connected to the network or the settings of the machine are not correct. If you do not need to connect to a network, you can specify the setting so this message is not displayed, and then [Check Status] no longer lights up. For details about how to do this, see "Parameter Settings", Fax. If you reconnect the machine to the network, be sure to set "Display" by configuring the appropriate User Parameter.

## When the Remote Fax Function Cannot Be Used

Message	Cause	Solution
"Authentication with remote machine failed. Check remote machine's auth. settings."	User authentication on the main machine has failed.	For details about user authentication, see "Configuring User Authentication", Security Guide.
"Authentication with remote machine failed. Check remote machine's auth. settings."	User Code Authentication is set on the device connected via the remote fax function.	The remote fax function does not support User Code Authentication. Disable the User Code Authentication on the main machine.

Message	Cause	Solution
"Authentication with remote machine failed. Check remote machine's auth. settings."	The user does not have permission to use the function on the main machine.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"Connection with the remote machine has failed. Check the remote machine status."	A network error occurred while you were using the remote fax function.	<ul style="list-style-type: none"> <li>• Check that the main machine supports the remote fax function.</li> <li>• Check that the main machine is working normally.</li> <li>• Check that the correct IP address or host name is set for the main machine in [System Settings]. For details about these settings, contact your administrator.</li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about network problems, contact your administrator.</li> </ul>
"Connection with the remote machine has failed. Check the remote machine status."	The main machine's power is off.	Turn on the main machine's power.
"Connection with the remote machine has failed. Check the remote machine status."	A timeout error occurred while an attempt was made to connect the device via remote fax function.	<ul style="list-style-type: none"> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• Check that the main machine is working correctly.</li> <li>• For details about connection with main machine, see "Sending/Receiving Documents Using a Remote Machine (Remote Fax)", Fax.</li> </ul>

Message	Cause	Solution
"Connection with the remote machine has failed. There is a problem with the remote machine structure. Contact the administrator."	The settings or machine configurations for using the remote fax function to connect to the main machine are incorrect.	For details about the settings and machine configurations for using the remote fax function to connect to a main machine, contact your administrator.
"Transfer error has occurred. Check the status of the remote machine."	A network error occurred during transfer.	<ul style="list-style-type: none"> <li>• Check that the correct IP address or host name is set for the main machine in [System Settings]. For details about these settings, contact your administrator.</li> <li>• Check that the main machine is working correctly.</li> <li>• Check that the LAN cable is correctly connected to the machine.</li> <li>• For details about transmission, contact your administrator.</li> </ul>
"The HDD of the remote machine is full."	The hard disk became full after using the remote fax function to scan an original.	Delete unnecessary files.

## Messages Displayed When You Use the Printer Function

This section describes the principal messages that appear on the display panel, error logs or reports. If other messages appear, follow their instructions.

### Messages Displayed on the Control Panel When You Use the Printer Function

#### ★ Important

- Before turning off the power, see page 81 "Turning On/Off the Power".

Message	Cause	Solution
"Hardware Problem: Ethernet"	An error has occurred in the Ethernet interface.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Hardware Problem: HDD"	An error has occurred in the hard disk.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Hardware Problem: USB"	An error has occurred in the USB interface.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Hardware Problem: Wireless Card" (A "wireless LAN board" is referred to as a "wireless card".)	<ul style="list-style-type: none"> <li>• The wireless LAN board has malfunctioned.</li> <li>• The wireless LAN board you are using is not compatible with this machine.</li> </ul>	Turn off the power, and then confirm the wireless LAN board is inserted correctly. And then, turn on the power again. If the message appears again, contact your service representative.

Message	Cause	Solution
"Load following paper in n. To force print, select another tray and press [Continue]." ( "n" is replaced by a variable.)	The printer driver settings are incorrect or the tray does not contain paper of the size selected in the printer driver.	Check that the printer driver settings are correct, and then load paper of the size selected in the printer driver into the input tray. For details about how to change the paper size, see "Changing the Paper Size", Paper Specifications and Adding Paper.
"Paper in staple tray. Open cover and remove paper."	If printing is stopped before it is finished, paper may remain in the finisher.	Remove the paper remaining in the finisher.
"Paper size and type are mismatched. Select another tray from the following and press [Continue]. To cancel job, press [Job Reset]. Paper size and type can also be changed in User Tools."	The printer driver settings are incorrect or the tray does not contain paper of the size or type selected in the printer driver.	<ul style="list-style-type: none"> <li>• Check that the printer driver settings are correct, and then load paper of the size selected in the printer driver into the input tray. For details about how to change the paper size, see "Changing the Paper Size", Paper Specifications and Adding Paper.</li> <li>• Select the tray manually to continue printing, or cancel a print job. For details about how to select the tray manually, or cancel a print job, see "If an Error Occurs with the Specified Paper Size and Type", Print.</li> </ul>
"Paper type of n is mismatched. Select another tray from the following and press [Continue]. Paper type can also be changed in User Tools." (A tray name is placed at n.)	The type of the paper in the tray does not match the paper type specified in the printer driver.	Select a tray containing paper that is the same type as the specified paper type.

Message	Cause	Solution
"Parallel I/F board has a problem."	An error has occurred in the IEEE 1284 interface board.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"Printer font error."	An error has occurred in the font settings.	Contact your service representative.
"Cannot print because both the main and designation (chapter) sheets are set to the same paper tray. Press [Job Reset] to cancel the job. To print the job again specify different trays."	The tray selected for other pages is the same as the one for slip sheets.	Reset the job. Be sure the tray you select for slip sheets is not providing paper for other pages.

### When using direct print from a memory storage device

Message	Cause	Solution
"Exceeded the limit value for total data size of the selected files. Cannot select more files."	<ul style="list-style-type: none"> <li>The size of the selected file exceeds 1 GB.</li> <li>The total size of the selected files exceeds 1 GB.</li> </ul>	<p>Files or groups of files larger than 1 GB cannot be printed.</p> <ul style="list-style-type: none"> <li>When the total size of the multiple files that are selected exceeds 1 GB, select files separately.</li> <li>When the size of the selected file exceeds 1 GB, print from a memory storage device using a function other than the Direct printing function.</li> </ul> <p>You cannot select files of different formats at the same time.</p>

Message	Cause	Solution
"Unable to access the specified memory storage device."	<ul style="list-style-type: none"> <li>An error occurred when the machine accessed the memory storage device or a file stored on the memory storage device.</li> <li>An error occurred when the user used the Direct printing function to print from a memory storage device.</li> </ul>	Save the file to a different memory storage device, and then print again.

## Messages Printed on the Error Logs or Reports When You Use the Printer Function

This section describes likely causes of and possible solutions for the error messages that are printed on the error logs or reports.

### When print jobs are canceled

Message	Cause	Solution
"91: Error"	Printing was canceled by the auto job cancel function due to a command error.	Check that the data is valid.
"BA2: Staple error occurred. The job has been cancelled."	Stapling jobs were reset because the reset conditions were met.	Check the staple quantity, and then perform the print operation again.
"BA3: An error occurred while printing a job with Background Numbering. The job has been cancelled."	A Background Numbering job was reset because the reset conditions were met.	Check the settings for Background Numbering, and then perform the print operation again.
"BT: Fold is not available with the settings. The job has been cancelled."	You specified invalid fold settings.	Check the fold settings, and then perform the print operation again.

Message	Cause	Solution
"BV: Error occurred in the Folding Unit. The job has been cancelled."	There is a problem with the fold unit.	Contact your service representative.
"BW: A function which cannot be used with Fold mode was set. The job has been cancelled."	A function that cannot be used with the Fold mode is preventing the operation.	Check the settings.
"A job via the network that was not printed exists because an error occurred. It was stored as a job not printed."	Jobs with errors were stored because an error occurred with a print job via the network while the error job storing function was enabled.	Contact your administrator to check whether the machine is connected correctly to the network. For details about how to check and print jobs stored when print configuration errors occur, see "Printing of Documents Stored When Print Configuration Errors Occur", Print.
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	You tried to store a file in the Document Server when the [Unauthorized Copy Prevention] was specified.	On the printer driver, select a job type other than [Document Server] in "Job Type:" or deselect [Unauthorized Copy Prevention].
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	The [Enter User Text:] field on the [Unauthorized Copy Prevention for Pattern Details] screen is blank.	On the printer driver's [Detailed Settings] tab, click [Effects] in "Menu:". Select [Unauthorized Copy Prevention], and then click [Details...] to display [Unauthorized Copy Prevention for Pattern Details]. Enter text in [Enter User Text:].
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	The resolution is set to a value less than 600 dpi when [Unauthorized Copy Prevention] is specified.	On the printer driver, set the resolution to 600 dpi or higher, or cancel [Unauthorized Copy Prevention].
"Error occurred while processing an Unauthorized Copy Prevention job. Job cancelled."	In [Administrator Tools] under [System Settings], priority was specified to be given to Unauthorized Copy Prevention Printing set on this machine.	Cancel Unauthorized Copy Prevention Printing for the printer driver. For details about how to cancel the settings, see the printer driver Help.



Message	Cause	Solution
"Collate Cancelled"	Collate was canceled.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"You reach the usage limit. This job has been cancelled."	The number of pages the user is permitted to print has been exceeded.	For details about print volume use limitation, see "Managing Print Volume per User", Security Guide.
"Receiving data failed."	Data reception was aborted.	Resend the data.
"Sending data failed."	The machine received a command to stop transmission from the printer driver.	Check if the computer is working correctly.
"The selected paper size is not supported. This job has been cancelled."	Job reset is automatically performed if the specified paper size is incorrect.	Specify the correct paper size, and then print the file again.
"The selected paper type is not supported. This job has been cancelled."	Job reset is automatically performed if the specified paper type is incorrect.	Specify the correct paper type, and then print the file again.

### When there is a problem with the print settings

Message	Cause	Solution
"Booklet/Half Fold Error"	The job was canceled because you specified invalid settings for saddle stitching or half fold.	Check the settings for saddle stitching or half fold.
"Classification Code is incorrect."	The classification code has not been entered, or the classification code has been entered incorrectly.	Enter the correct classification code.
"Classification Code is incorrect."	The classification code is not supported with the printer driver.	Select [Optional] for classification code. For details about how to specify classification code settings, see "Configuring Classification Codes", Print.

Message	Cause	Solution
"Duplex Cancelled"	Duplex printing was canceled.	<ul style="list-style-type: none"> <li>• Select the proper paper size for the duplex function. For details about paper, see "Specifications for the Main Unit", Maintenance and Specifications.</li> <li>• Change the setting for "Apply Duplex" in [System Settings] to enable duplex printing for the paper tray. For details about setting "Apply Duplex", see "Tray Paper Settings", Connecting the Machine/System Settings.</li> </ul>
"Exceeded Max. Pages (Collate)"	The number of pages exceeds the maximum number of sheets that you can use Collate with.	Reduce the number of pages to print.
"Exceeded the maximum number of multi-sheet fold (Half Fold)."	The maximum number of multi-sheet folds (Half Fold) was exceeded.	For details about the maximum number of multi-sheet folds (Half Fold), see "Fold", Print.
"Output Tray Changed"	The output tray was changed because the paper size of the specified output tray is limited.	Specify the proper output tray.
"Print Overrun"	Images were discarded while printing.	Select a lower resolution on the printer driver. For details about how to change the resolution setting, see the printer driver Help.
"Punch has been cancelled."	Punch printing was canceled.	Check the paper orientation, print orientation, and then punch position. Certain settings can produce print results that might not be as expected.

Message	Cause	Solution
"Staple has been cancelled."	Stapling printing was canceled.	Check the paper orientation, paper quantity, print orientation, and staple position. Certain settings can produce print results that might not be as expected.

### When documents cannot be stored in the Document Server

Message	Cause	Solution
"Cannot store data of this size."	The paper size exceeded the capacity of the Document Server.	Reduce the paper size of the file that you want to send to a size that the Document Server can store. Custom size files can be sent but not stored afterward.
"Document Server is not available to use. Cannot store."	You cannot use the Document Server function.	For details about using Document Server function, contact your administrator.  For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"Exceeded max capacity of document server. Cannot store."	The hard disk became full after a file was stored.	Delete some of the files stored in the Document Server or reduce the size that you want to send.
"Exceeded max number of files of document server. Cannot store."	The maximum file capacity of the Document Server was exceeded.	Delete some of the files stored in the Document Server.
"Exceeded max. number of files. (Auto)"	While you were using the error job store function to store Normal Print jobs as Hold Print files, the maximum file capacity for file storage or Hold Print file management (automatic) was exceeded.	Delete Hold Print files (automatic) or unneeded files stored on the machine.

Message	Cause	Solution
"Exceeded max number of pages of document server. Cannot store."	The maximum page capacity of the Document Server was exceeded.	Delete some of the files stored in the Document Server or reduce the number of pages that you want to send.
"Exceeded max. number of pages. (Auto)"	While you were using the error job store function to store Normal Print jobs as Hold Print files, the maximum page capacity was exceeded.	Delete unneeded files stored on the machine. Reduce the number of pages to print.
"Job cancelled because capture file could not be stored: Exceeded max. memory."	The hard disk became full after a file was stored.	Delete the files stored in the Document Server or reduce the file size to be sent.
"Job cancelled because capture file could not be stored: Exceeded max. files."	The maximum file capacity of the Document Server was exceeded.	Delete the files stored in the Document Server.
"Job cancelled because capture file could not be stored: Exceeded max pages per file."	The maximum page capacity of the Document Server was exceeded.	Delete some of the files stored in the Document Server or reduce the number of pages that you want to send.
"The specified folder in Document Server is locked. Cannot store."	The specified folder is locked.	Unlock the folder or specify another folder number that can be used. For details about locked folders, see "Managing Folders", Security Guide.

### When there is not enough free hard disk space

Message	Cause	Solution
"HDD Full"	When you were printing with the PostScript 3 printer driver, the hard disk capacity for fonts and forms was exceeded.	Delete unneeded forms or fonts registered on the machine.

Message	Cause	Solution
"HDD Full"	The hard disk became full while you were printing a Sample Print, Locked Print, Hold Print, or Stored Print file.	Delete unneeded files stored on the machine. Alternatively, reduce the data size of the Sample Print, Locked Print, Hold Print, or Stored Print file.
"HDD is full. (Auto)"	The hard disk became full while you were using the error job store function to store Normal Print jobs as Hold Print files.	Delete unneeded files stored on the machine. Alternatively, reduce the data size of the Temporary Print file and/or the Stored Print file.

### When there is not enough memory

Message	Cause	Solution
"84: Error"	There is no work area available for image processing.	Decrease the number of files sent to the machine.
"92: Error"	Printing was canceled because [Job Reset] or [Stop] was selected on the machine's control panel.	Perform the print operation again if necessary.

### When there is a problem with a parameter

Message	Cause	Solution
"86: Error"	Parameters of the control code are invalid.	Check the print settings.

## When the user lacks privileges to perform an operation

Message	Cause	Solution
"B9: Address Book is currently in use by another function. Authentication has failed."	Authentication failed because the Address Book is being used by other functions.	Wait for a while, and then perform the operation again.
"No response from the server. Authentication has failed."	A timeout occurred while connection to the server was being established for LDAP authentication or Windows Authentication.	Check the status of the server.
"Printing privileges have not been set for this document."	You have no privileges to print the PDF document you tried to print.	Contact the owner of the document.
"You do not have a privilege to use this function. This job has been cancelled."	The entered login user name or login password is not correct.	Check that the user name and password are correct.
"You do not have a privilege to use this function. This job has been cancelled."	The logged in user is not allowed to use the selected function.	For details about how to set permissions, see "Configuring User Authentication", Security Guide.
"You do not have a privilege to use this function. This operation has been cancelled."	The logged in user does not have the privileges to register programs or change the paper tray settings.	For details about how to set permissions, see "Configuring User Authentication", Security Guide.

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## When a user cannot be registered

Message	Cause	Solution
"Auto-registration of user information has failed."	Automatic registration of information for LDAP Authentication or Windows Authentication failed because the Address Book is full.	For details about automatic registration of user information, see "Auto Registration to the Address Book", Security Guide.

Message	Cause	Solution
"Information for user authentication is already registered for another user."	The user name for LDAP was already registered in a different server with a different ID, and a duplication of the user name occurred due to a switching of domains (servers), etc..	For details about user authentication, see "Configuring User Authentication", Security Guide.

### When other errors occur

Message	Cause	Solution
"85: Error"	The specified graphics library is unavailable.	Check that the data is valid.
"98: Error"	The machine could not access the hard disk correctly.	Turn off the power, and then back on again. If the message appears frequently, contact your service representative.
"99: Error"	This data cannot be printed. The specified data is either corrupt or it cannot be printed from a memory storage device using the Direct printing function.	Check that the data is valid. For details about the kinds of data that can be printed from a memory storage device using the Direct printing function, see "Direct Printing from a Memory Storage Device", Print.
"BG: Z-fold error."	Z-fold was canceled.	Check the tray, paper orientation, print orientation, and fold position.

Message	Cause	Solution
"Command Error"	An RPCS command error occurred.	Check using the following procedure: <ul style="list-style-type: none"> <li>• Check if the communication between the computer and the machine is working correctly.</li> <li>• Check if the correct printer driver is being used.</li> <li>• Check if the machine's memory size is set correctly in the printer driver.</li> <li>• Check that the printer driver is the most up-to-date version available.</li> </ul>
"Compressed Data Error."	The printer detected corrupt compressed data.	<ul style="list-style-type: none"> <li>• Check the connection between the computer and the printer.</li> <li>• Check that the program you used to compress the data is functioning correctly.</li> </ul>
"Data Storage Error"	You tried to print a Sample Print, Locked Print, Hold Print, or Stored Print file, or to store a file in the Document Server when the hard disk was malfunctioning.	Contact your service representative.
"Error has occurred."	A syntax error, etc., occurred.	Check that the PDF file is valid.
"Exceeded Max. Stored Files"	While printing a Sample Print, Locked Print, Hold Print, or Stored Print file, the maximum file capacity was exceeded.	Delete unneeded files stored on the machine.
"Exceeded Max. Stored Pages"	While printing a Sample Print, Locked Print, Hold Print, or Stored Print file, the maximum page capacity was exceeded.	Delete unneeded files stored on the machine. Reduce the number of pages to print.



Message	Cause	Solution
"Failed to obtain file system."	PDF direct printing could not be performed because the file system could not be obtained.	Turn off the power, and then back on again. If the message appears again, contact your service representative.
"File system is full."	PDF file does not print out because the capacity of the file system is full.	Delete all unnecessary files from the hard disk, or decrease the file size sent to the machine.
"I/O buffer overflow."	An input buffer overflow occurred.	<ul style="list-style-type: none"> <li>In [Printer Features], under [Host Interface], select [I/O Buffer], and then set the maximum buffer size to a larger value.</li> <li>Reduce the number of files being sent to the machine.</li> </ul>
"Insufficient Memory"	A memory allocation error occurred.	<b>PCL 6</b> On the printer driver's [Detailed Settings] tab, click [Print Quality:Advanced] in "Menu:", and then select [Raster] in the "Vector/Raster:" list. In some cases, it will take a long time to complete a print job.
"Memory Retrieval Error"	A memory allocation error occurred.	Turn off the power and then back on again. If the message appears again, replace the RAM. For details about replacing the RAM, contact your service representative.

If printing does not start, contact your service representative.

**Note**

- The contents of errors may be printed on the Configuration Page. Check the Configuration Page in conjunction with the error log. For details about how to print the Configuration Page, see "List / Test Print", Print.

# Messages Displayed When You Use the Scanner Function

## Messages Displayed on the Control Panel When You Use the Scanner Function

This section describes likely causes of and possible solutions for the error messages that appear on the control panel. If a message not described here appears, act according to the message.

Message	Cause	Solution
"Cannot find the specified path. Please check the settings."	The destination computer name or folder name is invalid.	Check whether the computer name and the folder name for the destination are correct.
"Cannot find the specified path. Please check the settings."	An antivirus program or a firewall is preventing the machine from connecting to your computer.	<ul style="list-style-type: none"> <li>• Antivirus programs and firewalls can prevent client computers from establishing connection with this machine.</li> <li>• If you are using antivirus software, add the program to the exclusion list in the application settings. For details about how to add programs to the exclusion list, see the antivirus software Help.</li> <li>• To prevent a firewall from blocking the connection, register the machine's IP address in the firewall's IP address exclusion settings. For details about the procedure for excluding an IP address, see your operating system's Help.</li> </ul>
"Entered user code is not correct. Please re-enter."	You have entered an incorrect user code.	Check the authentication settings, and then enter a correct user code.

Message	Cause	Solution
"Exceeded max. number of alphanumeric characters for the path."	The maximum number of specifiable alphanumeric characters in a path has been exceeded.	Check the maximum number of characters which can be entered, and then enter it again. For details about the maximum enterable number of characters, see "Values of Various Set Items for Transmission/Storage Function", Scan.
"Exceeded max. number of alphanumeric characters."	The maximum enterable number of alphanumeric characters has been exceeded.	Check the maximum number of characters which can be entered, and then enter it again. For details about the maximum enterable number of characters, see "Values of Various Set Items for Transmission/Storage Function", Scan.
"Exceeded the maximum number of OCR jobs that can be on standby for storing, please wait. Try again after storing of the current job has completed."	The maximum allowable number of jobs on standby was exceeded because large quantities of documents were stored by the OCR function.	Up to 100 jobs can be placed on standby by the OCR function. Scan the next document after the current jobs have finished being stored.
"File types have been automatically set for some files because multiple files were selected."	If there are selected stored documents which cannot be converted to a specified file format, those documents are automatically converted to a convertible format before they are transmitted.	For details about the file formats used to transmit stored documents, see "Sending a Stored File", Scan.
"Programmed. Cannot program the destination(s) that is not programmed in the address book."	The destinations that were selected while registered to the program contain a folder destination for which one of the following destinations is set:  manually entered destination, WSD destination, or DSM destination	WSD destinations and DSM destinations cannot be registered to the program because they cannot be registered in the address book. For manually entered destinations, register the destinations in the address book, and then try to register them to the program again.

Message	Cause	Solution
"Scanner journal is full. Please check Scanner Features."	"Print & Delete Scanner Journal" in [Scanner Features] is set to [Do not Print: Disable Send], and Scanner Journal is full.	Print or delete Scanner Journal. For details about Scanner Features, see "General Settings", Scan.
"The entered file name contains invalid character(s). Enter the file name again using any of the following 1 byte characters. "0 to 9", "A to Z", "a to z", ". - _""	The file name contains a character that cannot be used.	<ul style="list-style-type: none"> <li>• Check the file name set at the time of scanning. For details about characters that can be used in file names, see "Specifying the File Name", Scan.</li> <li>• Check the file name specified at the time of scanning. The file name specified in the Sending Scan Files to Folders function cannot contain the following characters:  <math>\backslash / : * ? " &lt; &gt;  </math>            The file name cannot start or end with a period ".".</li> </ul>
"The program is recalled. Cannot recall the destination(s) for which access privileges are required."	The currently logged-in user does not have permission to view the destination that was registered in the program.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"The program is recalled. Cannot recall the destination(s) that is deleted from the address book."	The destination stored in the program could not be recalled because it was deleted from the address book.	Enter the destination directly to send data separately.
"The program is recalled. Cannot recall the folder destination(s) with protection code(s)."	The folder destinations for which the protection code was set were registered in the program.	A destination for which the protection code is set cannot be recalled by the program. Cancel the protection code setting or send scanned files to the destination separately.

## When documents cannot be scanned properly

Message	Cause	Solution
"All the pages are detected as blank. No file was created."	No PDF file was created because all the pages of the scanned original were detected as blank when [On] is specified for [Delete Blank Page] in [OCR Settings].	Check whether the original is set upside down.  Change [OCR Scanned PDF: Blank Page Sensitivity] in [Scanner Features] to "Sensitivity Level 1".
"Check original's orientation."	Originals may sometimes not be scanned depending on a combination of items such as the specified scaling factor and document size.	Change the orientation of the original, and then scan the original again.
"Exceeded max. data capacity." "Check scanning resolution, then press Start key again."	The scanned data exceeded maximum data capacity.	Specify the scan size and resolution again. Note that it may not be possible to scan very large originals at a high resolution. For details about the settings for the scanner function, see "Relationship between Resolution and Scan Size", Scan.
"Exceeded max. data capacity." "Check the scanning resolution, then reset n original(s)." ("n" in the message represents a variable.)	The scanned original exceeded maximum data capacity.	Specify the scan size and resolution again. Note that it may not be possible to scan very large originals at a high resolution. For details about the settings for the scanner function, see "Relationship between Resolution and Scan Size", Scan.
"Exceeded max. data capacity." "Check the resolution and the ratio and then press the Start key again."	The data being scanned is too large for the scale ratio specified in [Specify Size].	Reduce the resolution or [Specify Size] value, and then scan the original again.

Message	Cause	Solution
"Exceeded max. number of files which can be used in Document Server at the same time."	The maximum number of files that can be stored in the Document Server has been exceeded.	Check the files stored by the other functions, and then delete unneeded files. For details about how to delete files, see "Deleting Stored Documents", Copy/ Document Server.
"Not all of the image will be scanned." "Check the ratio and then press the Start key again."	If the scaling factor specified in "Specify Reproduction Ratio" is too large, part of the image may be lost.	Reduce the scaling factor in "Specify Reproduction Ratio", and then try to scan the original again.  If displaying the entire image is not necessary, press [Start] to start scanning with the current scaling factor.
"Not all of the image will be scanned." "Check the ratio and then press the Start key again."	Using "Specify Reproduction Ratio" to scale down a large document may cause part of the image to be lost.	Specify a large size in [Specify Size], and then scan the original again.  If displaying the entire image is not necessary, press [Start] to start scanning with the current scaling factor.
"The size of the scanned data is too small." "Check the resolution and the ratio and then press the Start key again."	The data being scanned is too small for the scale ratio specified in [Specify Size].	Specify a higher resolution or a large size in [Specify Size], and then scan the original again.

## When documents cannot be scanned because the memory is full

Message	Cause	Solution
"Memory is full. Cannot scan. The scanned data will be deleted."	Because of insufficient hard disk space, the first page could not be scanned.	Try one of the following measures: <ul style="list-style-type: none"> <li>• Wait for a while, and then retry the scan operation.</li> <li>• Reduce the scan area or scanning resolution. For details about changing scan area and scanning resolution, see "Scan Settings" of Various Scan Settings, Scan.</li> <li>• Delete unneeded stored files. For details about how to delete stored files, see "Deleting a Stored File", Scan.</li> </ul>
"Memory is full. Do you want to store scanned file?"	Because there is not enough free hard disk space in the machine for storing in the Document Server, only some of the pages could be scanned.	Specify whether or not to use the data.
"Memory is full. Scanning has been cancelled. Press [Send] to send the scanned data, or press [Cancel] to delete."	Because there is not enough free hard disk space in the machine for sending by e-mail while data is being stored in the Document Server, only some of the pages could be scanned.	Specify whether or not to use the data.

## When data transmission fails

Message	Cause	Solution
"Authentication with the destination has failed. Check settings. To check the current status, press [Scanned Files Status]."	The entered user name or password was invalid.	<ul style="list-style-type: none"> <li>• Check that the user name and password are correct.</li> <li>• Check that the ID and password for the destination folder are correct.</li> <li>• A password of 128 or more characters may not be recognized.</li> </ul>
"Exceeded max. email size. Sending email has been cancelled. Check [Max. Email Size] in Scanner Features."	The file size per page has reached the maximum e-mail size specified in [Scanner Features].	<p>Change the scanner features settings as follows:</p> <ul style="list-style-type: none"> <li>• Increase the e-mail size limit in [Max. Email Size].</li> <li>• Change the [Divide &amp; Send Email] setting to [Yes (per Page)] or [Yes (per Max. Size)]. For details about these settings, see "Send Settings", Scan.</li> </ul>
"Sending the data has failed. The data will be resent later."	A network error has occurred and a file was not sent correctly.	Wait until sending is retried automatically after the preset interval. If sending fails again, contact your administrator.
"Transmission has failed. Insufficient memory in the destination hard disk. To check the current status, press [Scanned Files Status]."	Transmission has failed. There was not enough free space on the hard disk of the SMTP server, FTP server, or client computer at the destination.	Allocate sufficient space.
"Transmission has failed. To check the current status, press [Scanned Files Status]."	While a file was being sent, a network error occurred and the file could not be sent correctly.	If the same message appears again after scanning again, the cause could be a mixed network, or network settings were changed during WSD scanner transmission. For details about network error, contact your administrator.



## When data cannot be sent because a currently used file is selected

Message	Cause	Solution
"Selected file is currently in use. File name cannot be changed."	You cannot change the name of a file whose status is "Waiting..."	Cancel transmission ("Waiting..." status cleared), and then change the file name.
"Selected file is currently in use. Password cannot be changed."	You cannot change the password of a file whose status is "Waiting..."	Cancel transmission ("Waiting..." status cleared), and then change the password.
"Selected file is currently in use. User name cannot be changed."	You cannot change the sender's name whose status is "Waiting..."	Cancel transmission ("Waiting..." status cleared), and then change the user name.
"Some of selected files are currently in use. They could not be deleted."	You cannot delete a file which is waiting to be transmitted ("Waiting..." status displayed).	Cancel transmission ("Waiting..." status cleared), and then delete the file.

## When data cannot be sent because there are too many documents or pages

Message	Cause	Solution
"Exceeded max. number of pages per file. Do you want to store the scanned pages as 1 file?"	The file being stored has exceeded the maximum number of pages for one file.	Specify whether to store the data or not. Scan the pages that were not scanned, and then store them as a new file. For details about storing files, see "Storing and Saving the Scanned Documents", Scan.
"Exceeded max. number of stored files. Cannot send the scanned data as capturing files is unavailable."	Too many files are waiting to be sent.	Try again after they have been sent.
"Exceeded max. page capacity per file. Press [Send] to send the scanned data, or press [Cancel] to delete."	The number of scanned pages exceeded the maximum page capacity.	Specify whether to send the data that has already been scanned.

Message	Cause	Solution
"Exceeded maximum number of file to store. Delete all unnecessary files."	Too many files are waiting to be sent.	Try again after they have been sent.

### When the WSD scanner function cannot be used

Message	Cause	Solution
"Cannot communicate with PC. Contact the administrator."	WSD (Device) protocol or WSD (Scanner) protocol is disabled.	For details about how to enable or disable the WSD protocol, see "Enabling and Disabling Protocols", Security Guide.
"Cannot start scanning because communication was failed."	Scan Profile is not set on the client computer.	Set Scan Profile. For details about how to do this, see "Creating a New Scan Profile", Scan.
"Cannot start scanning because communication was failed."	The [Take no action] setting has been selected on the client computer, forcing the client computer to remain inactive when it receives scan data.	Open scanner properties, click the [Events] tab, and then select [Start this program] as the computer's response when it receives scan data. For details, see your operating system's Help.
"Cannot start scanning. Check the setting(s) on the PC."	The Scan Profile might be incorrectly configured.	Check the Scan Profile configuration.

Message	Cause	Solution
"Could not send the data because the PC timed out before it was sent."	<p>A time out occurred when WSD Scanner was used. Time outs occur when too much time passes between scanning an original and sending its data. The followings are likely causes of time outs:</p> <ul style="list-style-type: none"> <li>• Too many originals per set.</li> <li>• Misfed originals.</li> <li>• Transmission of other jobs.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce the number of originals, and then scan again.</li> <li>• Remove any misfed original, and then scan again.</li> <li>• Use Scanner Journal to check there are no jobs awaiting transmission, and then scan again.</li> </ul>

### When documents cannot be stored on a memory storage device

Message	Cause	Solution
"Cannot write on the memory storage device because remaining free space is insufficient."	The memory storage device is full and scan data cannot be saved. Even if the memory storage device appears to have sufficient free space, data might not be saved if the maximum number of files that can be saved is exceeded.	<ul style="list-style-type: none"> <li>• Replace the memory storage device.</li> <li>• If the document is scanned as single-page or divided into multiple pages, data already written to the memory storage device is saved as is. Replace the memory storage device, and then press [Retry] to save the remaining data, or press [Cancel] to redo the scan.</li> </ul>
"Cannot write on the memory storage device because the device is write-protected."	The memory storage device is write-protected.	Unlock the write-protection on the memory storage device.

Message	Cause	Solution
"Cannot write on the memory storage device. Check the memory storage device and machine settings."	The memory storage device is faulty, or the file name contains a character that cannot be used.	<ul style="list-style-type: none"> <li>• Check to see if the memory storage device is defective.</li> <li>• Check the memory storage device. It might be unformatted, or its format might be incompatible with this machine.</li> <li>• Check the file name set at the time of scanning. For details about the characters that can be used in file names, see "Specifying the File Name", Scan.</li> </ul>
"Exceeded max. page capacity per file. Press [Write] to write the scanned data to the memory storage device, or press [Cancel] to delete."	The scan could not be completed because the maximum number of pages that can be scanned by this machine was exceeded during the scanned data was written to the memory storage device.	Reduce the number of documents to be written to the memory storage device, and then try again.
"Memory is full. Press [Write] to write the current scanned data to the memory storage device, or press [Cancel] to delete."	The scan could not be completed because there was insufficient hard disk memory when the scanned data was saved to the memory storage device.	Specify whether or not to save the scanned document to the memory storage device.

## Messages Displayed on the Client Computer

This section describes likely causes of and possible solutions for the main error messages displayed on the client computer when you use the TWAIN driver. If a message not described here appears, follow the instruction.

Message	Cause	Solution
"Any of Login User Name, Login Password or Driver Encryption Key is incorrect."	The entered login user name, password, or driver encryption key was invalid.	Check your login user name, login password, or driver encryption key, and then enter them correctly. For details about login user name, login password, and driver encryption key, see "Encrypting Transmitted Passwords", Security Guide.
"Authentication succeeded. However, the access privileges for scanner function has been denied."	The logged in user name does not have permissions for scanner function.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"Cannot add any more scanning mode."	The maximum number of registrable scan modes has been exceeded.	The maximum number of modes that can be stored is 100. Delete unneeded modes.
"Cannot detect the paper size of the original. Specify the scanning size."	The set original was misaligned.	<ul style="list-style-type: none"> <li>Place the original correctly.</li> <li>Specify the scan size.</li> <li>When placing an original directly on the exposure glass, the lifting/lowering action of the exposure glass cover or the Auto Document Feeder (ADF) triggers the automatic original size detection process. Lift the exposure glass cover or the ADF 30 degrees or more.</li> </ul>
"Cannot specify any more scanning area."	The maximum number of registrable scan modes has been exceeded.	The maximum number of scanning areas that can be stored is 100. Delete unneeded scanning areas.

Message	Cause	Solution
"Clear Misfeed(s) in ADF."	A paper misfeed has occurred inside the ADF.	<ul style="list-style-type: none"> <li>Remove the jammed originals, and then insert them again. For details about jammed paper, see "Removing Jammed Paper", Troubleshooting.</li> <li>When a misfeed occurs, replace the jammed originals.</li> <li>Check whether the originals are suitable to be scanned by the machine.</li> </ul>
"Error has occurred in the scanner driver."	An error has occurred in the driver.	<ul style="list-style-type: none"> <li>Check whether the network cable is connected correctly to the client computer.</li> <li>Check whether the Ethernet board of the client computer is recognized correctly by Windows.</li> <li>Check whether the client computer can use the TCP/IP protocol.</li> </ul>
"Error has occurred in the scanner."	The application-specified scan conditions have exceeded the setting range of the machine.	Check whether the scanning settings made with the application exceed the setting range of the machine.
"Fatal error has occurred in the scanner."	An unrecoverable machine error has occurred.	An unrecoverable machine error has occurred. Contact your service representative.
"Insufficient memory. Close all other applications, then restart scanning."	Memory is insufficient.	<ul style="list-style-type: none"> <li>Close all the unnecessary applications running on the client computer.</li> <li>Uninstall the TWAIN driver, and then reinstall it after restarting the computer.</li> </ul>

Message	Cause	Solution
"Insufficient memory. Reduce the scanning area."	Scanner memory is insufficient.	<ul style="list-style-type: none"> <li>• Reset the scan size.</li> <li>• Lower the resolution.</li> <li>• Set with no compression. For details about the settings, see TWAIN driver Help.</li> </ul> <p>The problem may be due to the following:</p> <ul style="list-style-type: none"> <li>• Scanning cannot be performed if large values are set for brightness when halftone or high resolution is used. For details about the relationship between scan settings, see "Relationship between Resolution and Scan Size", Scan.</li> <li>• If a misfeed occurs, you might not scan an original. Remove the misfeed, and then scan the original again.</li> </ul>
"Invalid Winsock version. Please use version 1.1 or higher."	You are using an invalid version of Winsock.	Install the operating system of the computer or copy Winsock from the operating system CD-ROM.
"No response from the scanner."	The machine or client computer is not connected to the network correctly.	<ul style="list-style-type: none"> <li>• Check whether the machine or client computer is connected to the network correctly.</li> <li>• Disable the client computer's own firewall. For details about firewall, see Windows Help.</li> </ul>
"No response from the scanner."	The network is crowded.	Wait for a while, and then connect to the network again.

Message	Cause	Solution
"Scanner is in use for other function. Please wait."	A function of the machine other than the Scanner function is being used such as the Copier function.	<ul style="list-style-type: none"> <li>• Wait for a while, and then connect to the network again.</li> <li>• Cancel the job that is being processed. Press [Stop]. Follow the instructions in the message that appears and exit the function that is running.</li> </ul>
"Scanner is not available on the specified device."	The TWAIN scanner function cannot be used on this machine.	Contact your service representative.
"Scanner is not ready. Check the scanner and the options."	The ADF cover is open.	Check whether the ADF cover is closed.
"The name is already in use. Check the registered names."	You tried to register a name that is already in use.	Use another name.

### When there is a problem connecting to the scanner

Message	Cause	Solution
"Cannot connect to the scanner. Check the network Access Mask settings in User Tools."	An access mask is set.	For details about an access mask, contact your administrator.
"Cannot find "XXX" scanner used for the previous scan. "YYY" will be used instead." (("XXX" and "YYY" indicate scanner names.)	The main power of the previously used scanner is not set to "On".	Check whether the main power of the scanner used for the previous scan is turned on.



Message	Cause	Solution
"Cannot find "XXX" scanner used for the previous scan. "YYY" will be used instead." ( "XXX" and "YYY" indicate scanner names.)	The machine is not connected to the network correctly.	<ul style="list-style-type: none"> <li>• Check that the previously used scanner is connected to the network correctly.</li> <li>• Cancel the personal firewall of the client computer. For details about firewall, see Windows Help.</li> <li>• Use an application such as telnet to make sure SNMPv1 or SNMPv2 is set as the machine's protocol. For details about how to check this, see "Remote Maintenance Using telnet", Connecting the Machine/ System Settings.</li> <li>• Select the scanner used for the previous scan.</li> </ul>
"Communication error has occurred on the network."	A communication error has occurred on the network.	Check whether the client computer can use the TCP/IP protocol.
"Scanner is not available. Check the scanner connection status."	The machine's power is off.	Turn on the power.
"Scanner is not available. Check the scanner connection status."	The machine is not connected to the network correctly.	<ul style="list-style-type: none"> <li>• Check whether the machine is connected to the network correctly.</li> <li>• Cancel the personal firewall function of the client computer. For details about firewall, see Windows Help.</li> <li>• Use an application such as telnet to make sure SNMPv1 or SNMPv2 is set as the machine's protocol. For details about how to check this, see "Remote Maintenance Using telnet", Connecting the Machine/ System Settings.</li> </ul>

Message	Cause	Solution
"Scanner is not available. Check the scanner connection status."	Network communication is not available because the machine's IP address could not be obtained from the host name. If only "IPv6" is set to [Active], the IPv6 address might not be obtained.	<ul style="list-style-type: none"><li>• Check whether the machine's host name is specified in the Network Connection Tool. For the WIA driver, check the [Network Connection] tab in the properties.</li><li>• Use Web Image Monitor to set "LLMNR" of "IPv6" to [Active].</li></ul>

## When Other Messages Appear

Message	Cause	Solution
"Firmware update will start. Press [OK]. It will start automatically after 30 seconds have elapsed."	Automatic firmware update is enabled and it is the time for an automatic update.	<ul style="list-style-type: none"> <li>• If you want to start the firmware update, press [OK], or configure the setting so that the automatic firmware update starts automatically in 30 seconds.</li> <li>• If you do not want to start the firmware update, press [Cancel] before 30 seconds elapse.</li> <li>• Do not turn off the power switch during the firmware update.</li> </ul>
"Cannot connect with the wireless card. Turn the main power switch off, then check the card."  (A "wireless LAN board" is referred to as a "wireless card".)	<ul style="list-style-type: none"> <li>• The wireless LAN board was not inserted when the machine was turned on.</li> <li>• The wireless LAN board was pulled out after the machine was turned on.</li> </ul> <p>The settings are not updated although the unit is detected.</p>	Turn off the power, and then check the wireless LAN board is inserted correctly. After this, turn on the power again. If the message appears again, contact your service representative.
"Failed to read the PDF file."	There is a possibility that the PDF version is not supported by the browser's PDF viewer or an unsupported encryption level is specified.	With this machine's browser PDF files other than those whose versions and encryption levels are specified below cannot be viewed. <ul style="list-style-type: none"> <li>• PDF version: 1.3-1.7</li> <li>• PDF encryption level: 128Bit AES or 256Bit AES</li> </ul>
"Clean the scanning glass. (Located next to the exposure glass.)"	The scanning glass or guide plate of the ADF is dirty.	Clean the scanning glass or guide plate. See "Maintaining Your Machine", Maintenance and Specifications.
"Following output tray is full. Remove paper."	The output tray is full.	Remove paper from the output tray to resume printing. Press [Continue] on the display panel to resume printing.

Message	Cause	Solution
"Internal cooling fan is active."	Large print runs will cause the machine's interior to heat up, triggering the cooling fan.	The fan will emit noise, but this is normal and the machine will be operable while the fan is running.  The amount of paper that can be printed and the total operation time until the fan starts running depends on the temperature of the location at which the machine is installed.
"Self checking..."	The machine is performing image adjustment operations.	The machine may perform periodic maintenance during operations. The frequency and duration of maintenance depends on the humidity, temperature, and printing factors such as number of prints, paper size, and paper type. Wait for the machine to resume operation.

### When There Is a Problem Scanning or Storing Originals

Message	Cause	Solution
"Cannot detect original size. Select scan size."	The machine failed to detect the size of the original.	<ul style="list-style-type: none"> <li>Place the original correctly.</li> <li>Specify the scan size, and then place the originals again. For details about the settings for when fax function is being used, see "Scan Settings", Fax.</li> <li>Specify the scan size, and then place the originals again.</li> <li>When placing an original directly on the exposure glass, the lifting/lowering action of the exposure glass cover or the Auto Document Feeder (ADF) triggers the automatic original size detection process. Lift the exposure glass cover or the ADF 30 degrees or more.</li> </ul>

Message	Cause	Solution
"Captured file exceeded max. number of pages per file. Cannot send the scanned data."	The maximum number of pages per file has been exceeded.	Reduce the number of pages in the transmitted file, and then resend the file. For details about the maximum number of pages per file, see "Storage Function", Scan.
"Original is being scanned by another function. Please wait."	Another function of the machine is being used.	Cancel the job in progress. Press [Exit], and then press [Stop]. Follow the instructions in the message that appears and exit the function that is running.

## When the Address Book Is Updated

Message	Cause	Solution
"Updating the destination list has failed. Try again?"	A network error has occurred.	<ul style="list-style-type: none"> <li>• Check whether the server is connected.</li> <li>• Antivirus programs and firewalls can prevent client computers from establishing connection with this machine.</li> <li>• If you are using antivirus software, add the program to the exclusion list in the application settings. For details about how to add programs to the exclusion list, see the antivirus software Help.</li> <li>• To prevent a firewall from blocking the connection, register the machine's IP address in the firewall's IP address exclusion settings. For details about the procedure for excluding an IP address, see your operating system's Help.</li> </ul>

Message	Cause	Solution
"Updating the destination list... Please wait. Specified destination(s) or sender's name has been cleared."	The destination list is being updated from the network using Web Image Monitor.	Wait until the message disappears. Do not turn off the power while this message is displayed. Depending on the number of destinations to be updated, there may be some delay before operation is resumed. Operation is not possible while this message is displayed.
"Updating the destination list... Please wait. Specified destination(s) or sender's name has been cleared."	A specified destination or sender's name was cleared when the destination list in the delivery server was updated.	Specify the destination or sender's name again.

### When Data Cannot Be Sent Due to a Problem with the Destination

Message	Cause	Solution
"Some invalid destination(s) contained. Do you want to select only valid destination(s)?"	The specified group contains either an e-mail destination and/or folder destination that is not supported by the specified transmission method.	In the message that appears at each transmission, press [Select].
"SMTP authentication email address and administrator email address mismatch."	The SMTP authentication e-mail address and the administrator's e-mail address do not match.	For details about how to set SMTP authentication, see "File Transfer", Connecting the Machine/ System Settings.

## When the Machine Cannot Be Operated Due to a Problem with the User Certificate

Message	Cause	Solution
"The destination cannot be selected because its encryption certificate is not currently valid."	The user certificate (destination certificate) has expired.	A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide.
"The group destination cannot be selected because it contains a destination with a encryption certificate that is not currently valid."	The user certificate (destination certificate) has expired.	A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide.
"Transmission cannot be performed because the encryption certificate is not currently valid."	The user certificate (destination certificate) has expired.	A new user certificate must be installed. For details about the user certificate (destination certificate), see "Configuring S/MIME", Security Guide.
"XXX cannot be YYY because the device certificate used for the S/MIME signature is not currently valid." (XXX and YYY indicate the user action.)	The device certificate (S/MIME) has expired.	A new device certificate (S/MIME) must be installed. For details about how to install a device certificate (S/MIME), see "Protecting Communication Paths via a Device Certificate", Security Guide.
"XXX cannot be YYY because there is a problem with the device certificate used for the S/MIME signature. Check the device certificate." (XXX and YYY indicate the user action.)	There is no device certificate (S/MIME), or the certificate is invalid.	For details about the device certificate (S/MIME), see "Protecting Communication Paths via a Device Certificate", Security Guide.

Message	Cause	Solution
"XXX cannot be YYY because the Digital Signature's device certificate is not currently valid." (XXX and YYY indicate the user action.)	The device certificate (PDF with digital signature or PDF/A with digital signature) has expired.	A new device certificate (PDF with digital signature or PDF/A with digital signature) must be installed. For details about how to install a device certificate (PDF with digital signature or PDF/A with digital signature), see "Configuring PDFs with Electronic Signatures", Security Guide.
"XXX cannot be YYY because there is a problem with the Digital Signature's device certificate. Check the device certificate." (XXX and YYY indicate the user action.)	There is no device certificate (PDF with digital signature or PDF/A with digital signature), or the certificate is invalid.	A new device certificate (PDF with digital signature or PDF/A with digital signature) must be installed. For details about how to install a device certificate (PDF with digital signature or PDF/A with digital signature), see "Configuring PDFs with Electronic Signatures", Security Guide.

#### Note

- If a fax or an e-mail cannot be sent and a message appears which states that there is a problem with the device certificate or user certificate, a new certificate must be installed. For details about how to install a new certificate, see "Configuring S/MIME" or "Protecting Communication Paths via a Device Certificate", Security Guide.

## When Problems Occur While Logging In

Message	Cause	Solution
"Authentication has failed."	The entered login user name or login password is not correct.	For details about the correct login user name and login password, see "Basic Authentication", Security Guide.
"Authentication has failed."	The machine cannot perform authentication.	For details about authentication, see "Configuring User Authentication", Security Guide.



## When the User Lacks Privileges to Perform an Operation

Message	Cause	Solution
"You do not have the privileges to use this function."	The logged in user name does not have permissions for the selected function.	For details about how to set permissions, see "Limiting Available Functions", Security Guide.
"The selected file(s) contained file(s) without access privileges. Only file(s) with access privileges will be deleted."	You have tried to delete files without the permission to do so.	To check your access permission for stored documents, or to delete a document you do not have permission to delete, see "Managing Stored Files", Security Guide.

## When the LDAP Server Cannot Be Used

Message	Cause	Solution
"Connection with LDAP server has failed. Check the server status."	A network error has occurred and connection has failed.	<p>Try the operation again. If the message is still displayed, the network may be busy.</p> <p>Check the settings for LDAP server in [System Settings]. For details about settings for LDAP server, see "Programming the LDAP Server", Connecting the Machine/ System Settings.</p>
"Exceeded time limit for LDAP server search. Check the server status."	A network error has occurred and connection has failed.	<ul style="list-style-type: none"> <li>• Try the operation again. If the message is still displayed, the network may be busy.</li> <li>• Check that the correct settings for LDAP server are listed in [Administrator Tools] of [System Settings]. For details about LDAP server, see "Programming the LDAP Server", Connecting the Machine/ System Settings.</li> </ul>
"LDAP server authentication has failed. Check the settings."	A network error has occurred and connection has failed.	Configure settings correctly for the user name and the password for LDAP server authentication.



# 11. Information for This Machine

This chapter describes environmental precautions and regulations.

## Information on Environmental Regulations

### ENERGY STAR Program

#### ENERGY STAR® Program Requirements for Imaging Equipment



This company is a participant in the ENERGY STAR® Program.  
This machine is compliant with the regulations specified by the ENERGY STAR® Program.

The ENERGY STAR® Program Requirements for Imaging Equipment encourage energy conservation by promoting energy efficient computers and other office equipment.

The program backs the development and dissemination of products that feature energy saving functions.

It is an open program in which manufacturers participate voluntarily.

Targeted products are computers, monitors, printers, facsimiles, copiers, scanners, and multi-function devices. Energy Star standards and logos are internationally uniform.


#### ↓ Note

- For details about the "default delay time", see page 241 "Energy Saving Functions".

### Energy Saving Functions

To reduce its power consumption, this machine has the following functions:

#### Sleep mode

- If this machine remains idle for a specified period or when [Energy Saver] (  ) is pressed, it enters Sleep mode to further reduce its electrical consumption.

- The default delay time the machine waits before entering Sleep mode is 1 minute. This default time can be changed.
- The machine can print jobs from computers and receive faxes while in Sleep mode.

### Specification

-  **Region A** (mainly Europe)

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Reduced electrical consumption in Sleep mode <sup>*1</sup>	0.84 W	0.84 W	0.84 W	0.82 W	0.82 W	0.82 W
Time of switch into Sleep mode	1 minute	1 minute	1 minute	1 minute	1 minute	1 minute
Time of switch out from Sleep mode <sup>*1</sup>	7.9 seconds	7.9 seconds	7.9 seconds	8.0 seconds	8.4 seconds	8.8 seconds
Duplex Function <sup>*2</sup>	Standard	Standard	Standard	Standard	Standard	Standard

<sup>\*1</sup> The time it takes to switch out from energy saving functions and electrical consumption may differ depending on the conditions and environment of the machine.

<sup>\*2</sup> Achieves ENERGY STAR energy savings; product fully qualifies when packaged with (or used with) a duplex tray and the duplex function is enabled as an option.

-  **Region A** (mainly Asia)

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Reduced electrical consumption in Sleep mode <sup>*1</sup>	0.84 W	0.84 W	0.84 W	0.82 W	0.82 W	0.82 W
Time of switch into Sleep mode	1 minute	1 minute	1 minute	1 minute	1 minute	1 minute
Time of switch out from Sleep mode <sup>*1</sup>	7.9 seconds	7.9 seconds	7.9 seconds	8.0 seconds	8.4 seconds	8.8 seconds

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Duplex Function *2	Standard	Standard	Standard	Standard	Standard	Standard

\*1 The time it takes to switch out from energy saving functions and electrical consumption may differ depending on the conditions and environment of the machine.

\*2 Achieves ENERGY STAR energy savings; product fully qualifies when packaged with (or used with) a duplex tray and the duplex function is enabled as an option.

-  **Region B** (mainly North America)

	Type 1	Type 2	Type 3	Type 4	Type 5	Type 6
Reduced electrical consumption in Sleep mode *1	0.74 W	0.74 W	0.74 W	0.79 W	0.79 W	0.79 W
Time of switch into Sleep mode	1 minute	1 minute	1 minute	1 minute	1 minute	1 minute
Time of switch out from Sleep mode *1	7.9 seconds	7.9 seconds	7.9 seconds	7.9 seconds	8.2 seconds	8.7 seconds
Duplex Function *2	Standard	Standard	Standard	Standard	Standard	Standard

\*1 The time it takes to switch out from energy saving functions and electrical consumption may differ depending on the conditions and environment of the machine.

\*2 Achieves ENERGY STAR energy savings; product fully qualifies when packaged with (or used with) a duplex tray and the duplex function is enabled as an option.

#### Note

- Specifications can vary depending on which options are installed on the machine.
- For details about how to change the default interval, see "Timer Settings", Connecting the Machine/ System Settings.
- Depending on which embedded software application is installed on it, the machine might take longer than indicated to enter Sleep mode.

## User Information on Electrical and Electronic Equipment Region **A** (mainly Europe)

### Users in the countries where this symbol shown in this section has been specified in national law on collection and treatment of E-waste

Our Products contain high quality components and are designed to facilitate recycling.

Our products or product packaging are marked with the symbol below.



The symbol indicates that the product must not be treated as municipal waste. It must be disposed of separately via the appropriate return and collection systems available. By following these instructions you ensure that this product is treated correctly and help to reduce potential impacts on the environment and human health, which could otherwise result from inappropriate handling. Recycling of products helps to conserve natural resources and protect the environment.

For more detailed information on collection and recycling systems for this product, please contact the shop where you purchased it, your local dealer or sales/service representatives.

### All Other Users

If you wish to discard this product, please contact your local authorities, the shop where you bought this product, your local dealer or sales/service representatives.

### For Turkey only

EEE Yönetmeliğine Uygundur.  
Bu sistem sarf malzemeleri ve yedek parçaları da dahil olmak üzere EEE Yönetmeliğine Uygundur.

#### Üretici:

Ricoh Company, Ltd.

8-13-1 Ginza,

Chuo-ku, Tokyo 104-8222 Japan

+81-36278-2111 (English only/Sadece İngilizce)

## Note for the Battery and/or Accumulator Symbol (For EU countries only)

 Region **A** (mainly Europe)



In accordance with the Battery Directive 2006/66/EC Article 20 Information for end-users Annex II, the above symbol is printed on batteries and accumulators.

This symbol means that in the European Union, used batteries and accumulators should be disposed of separately from your household waste.

In the EU, there are separate collection systems for not only used electrical and electronic products but also batteries and accumulators.

Please dispose of them correctly at your local community waste collection/recycling centre.

Contact your sales or service representative to change the battery.

## Environmental Advice for Users Region **A** (mainly Europe)

### Users in the EU, Switzerland and Norway

#### Consumables yield

Please refer to either the User's Manual for this information or the packaging of the consumable.

#### Recycled paper

The machine can use recycled paper which is produced in accordance with European standard EN 12281:2002 or DIN 19309. For products using EP printing technology, the machine can print on 64 g/m<sup>2</sup> paper, which contains less raw materials and represents a significant resource reduction.

#### Duplex printing (if applicable)

Duplex printing enables both sides of a sheet of paper to be used. This saves paper and reduces the size of printed documents so that fewer sheets are used. We recommend that this feature is enabled whenever you print.

#### Toner and ink cartridge return program

Toner and ink cartridge for recycling will be accepted free of charge from users in accordance with local regulations.

For details about the return program, please refer to the Web page below or consult your service person.

<https://www.rioh-return.com/>

## Energy efficiency

The amount of electricity a machine consumes depends as much on its specifications as it does on the way you use it. The machine is designed to allow you to reduce electricity costs by switching to Ready mode after it prints the last page. If required, it can immediately print again from this mode. If no additional prints are required and a specified period of time passes, the device switches to an energy saving mode.

In these modes, the machine consumes less power (watts). If the machine is to print again, it needs a little longer to return from an energy saving mode than from Ready mode.

For maximum energy savings, we recommend that the default setting for power management is used.

Products that comply with the Energy Star requirement are always energy efficient.

---

## Notes to users in the state of California (Notes to Users in USA) Region B (mainly North America)

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Perchlorate Material - special handling may apply. See: [www.dtsc.ca.gov/hazardouswaste/perchlorate](http://www.dtsc.ca.gov/hazardouswaste/perchlorate)



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MEMO

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MEMO

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MEMO









# Operating Instructions Driver Installation Guide

See the other online manuals on our website (<http://www.ricoh.com/>) or from the control panel.





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# 1. Introduction

This chapter explains the software included on the supplied CD-ROM.

## Start Installer

To connect this machine to a client computer and use its printer, scanner, and fax functions, the software included on the provided CD-ROM must be installed on the client computer.

The installer starts automatically when you insert the provided CD-ROM into the CD-ROM drive of a client computer running under Windows or Windows Server. You can then install the various software included on the CD-ROM.

The contents (display item) of the installer are as follows:

### Quick Install

Installs the PCL 6 printer driver, and configures the Standard TCP/IP port to establish a connection with a network printer.

For details, see page 13 "Quick Install".

### PCL Printer Driver

Installs the PCL 6 and/or PCL 5e printer drivers.

For details about installing the driver, see page 15 "Installing the Printer Driver for a Network Connection" or page 23 "Installing the Printer Driver for a Local Connection".

### PostScript 3 Printer Driver

Installs the PostScript 3 printer driver.

For details about installing the driver, see page 15 "Installing the Printer Driver for a Network Connection" or page 23 "Installing the Printer Driver for a Local Connection".

### LAN-Fax Driver

This software enables you to fax documents directly from your computer. Address Book, LAN-Fax Cover Sheet Editor, and MFP Address Book Downloader will also be installed.

For details about installing the driver, see page 33 "Installing the LAN-Fax Driver".

### TWAIN Driver

This software enables you to utilize image data from other TWAIN compliant applications.

For details about installing the driver, see page 31 "Installing the TWAIN Driver".

### Select Language

Changes the interface language.

### Browse This Disk

Browses the contents of this disk.

## Exit

Quits Installer.

### Note

- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- Auto Run might not work automatically with certain OS settings. If this is the case, double-click "Setup.exe", located on the CD-ROM root directory, or click [Run SETUP.EXE] in the [AutoPlay] dialog box.

# Software and Utilities Included on the CD-ROM

This section explains the software and utilities CD-ROM provided with this machine.

## ↓ Note

- For the latest information on the corresponding operating system, see "Readme.txt" file, located on the CD-ROM root directory.
- For the latest information on Windows Terminal Service, Citrix XenDesktop, and Citrix XenApp, see the manufacturer's Web site.

## Printer Drivers

Printing requires installation of a printer driver for your operating system. The following drivers are included on the CD-ROM.

Operating System <sup>*1</sup>	Printer Language		
	PCL 5e	PCL 6	PostScript 3
Windows Vista <sup>*2</sup>	OK	OK	OK
Windows 7 <sup>*3</sup>	OK	OK	OK
Windows 8 <sup>*4</sup>	OK	OK	OK
Windows 8.1 <sup>*5</sup>	OK	OK	OK
Windows 10 <sup>*6</sup>	OK	OK	OK
Windows Server 2008 <sup>*7</sup>	OK	OK	OK
Windows Server 2012 <sup>*8</sup>	OK	OK	OK
OS X <sup>*9</sup>	—	—	OK

\*1 Windows operating system supports both versions (32/64 bit)

\*2 Microsoft Windows Vista Ultimate/Microsoft Windows Vista Enterprise/Microsoft Windows Vista Business/Microsoft Windows Vista Home Premium/Microsoft Windows Vista Home Basic

\*3 Microsoft Windows 7 Home Premium/Microsoft Windows 7 Professional/Microsoft Windows 7 Ultimate/Microsoft Windows 7 Enterprise

\*4 Microsoft Windows 8/Microsoft Windows 8 Pro/Microsoft Windows 8 Enterprise

\*5 Microsoft Windows 8.1/Microsoft Windows 8.1 Pro/Microsoft Windows 8.1 Enterprise

\*6 Microsoft Windows 10 Home/Microsoft Windows 10 Pro/Microsoft Windows 10 Enterprise/Microsoft Windows 10 Education

\*7 Microsoft Windows Server 2008 Standard/Microsoft Windows Server 2008 Enterprise/Microsoft Windows Server 2008 R2 Standard/Microsoft Windows Server 2008 R2 Enterprise

\*8 Microsoft Windows Server 2012 Foundation/Microsoft Windows Server 2012 Essentials/Microsoft Windows Server 2012 Standard/Microsoft Windows Server 2012 R2 Foundation/Microsoft Windows Server 2012 R2 Essentials/Microsoft Windows Server 2012 R2 Standard

\*9 OS X 10.8 or later

## PCL printer drivers

Two kinds of PCL printer driver (PCL 5e and PCL 6) are included. These drivers allow your computer to communicate with this machine.

## Adobe® PostScript® printer driver and PPD files

Adobe PostScript printer driver allows the computer to communicate with the printer. PPD files allow the printer driver to enable specific printer functions.

### Note

- Some applications may require installation of the PCL 5e printer driver. In this case, you can install PCL 5e without having to install PCL 6.
- For details about installing the driver, see page 15 "Installing the Printer Driver for a Network Connection" or page 23 "Installing the Printer Driver for a Local Connection".

## Supported languages

The languages supported in each printer driver are as follow:

Supported languages	Printer Language			
	PCL 5e <sup>*1</sup>	PCL 6 <sup>*2</sup>	PostScript 3 <sup>*2</sup>	PPD (OS X)
English	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
German	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
French	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Italian	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spanish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dutch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Swedish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Norwegian	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Danish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Supported languages	Printer Language			
	PCL 5e <sup>*1</sup>	PCL 6 <sup>*2</sup>	PostScript 3 <sup>*2</sup>	PPD (OS X)
Finnish	○	○	△	△
Hungarian	○	○	△	△
Czech	○	○	△	△
Polish	○	○	△	△
Portuguese	○	○	△	△
Russian	○	○	△	△
Catalan	○	○	△	△
Turkish	○	○	△	△
Brazilian Portuguese	△	○	△	△
Greek	△	○	△	△
Korean	○	○	○	○
Simplified Chinese	×	○	○	○
Traditional Chinese	×	○	○	○

○: Supported

△: You can install the printer driver, but the printer driver is displayed in English

×: Not supported

\*1 The PCL 5e printer driver does not support Brazilian Portuguese and Greek. Use the English version of the driver.

\*2 The PCL 6 and PostScript 3 printer drivers use the same interface language as the one specified by your operating system. However, the PostScript 3 printer driver will be displayed in English if your operating system uses one of the following languages: Finnish, Hungarian, Czech, Polish, Portuguese, Russian, Catalan, Turkish, Brazilian Portuguese, and Greek.

## TWAIN Driver

This driver is required to scan an original using a scanner. To use the machine as a network TWAIN scanner, this driver must be installed.

### File path

The driver is included in the following folder on the CD-ROM:

`\X86\DRIVERS\TWAIN`

### Supported Operating System <sup>\*1</sup>

Windows Vista/7/8/8.1/10

Windows Server 2008/2008 R2/2012/2012 R2

\*1 TWAIN scanner runs on a 64-bit operating system, but is not compatible with 64-bit applications. Use it with 32-bit applications.

### Supported languages

The TWAIN Driver uses the same interface language as the one specified by your operating system.

#### ↓ Note

- For details about installing the driver, see page 31 "Installing the TWAIN Driver".

---

## LAN-Fax Driver

---

This driver is required to use LAN-Fax functions.

### File path

The driver is included in the following folder on the CD-ROM:

- 32-bit driver

`\X86\DRIVERS\LAN-FAX\X86`

- 64-bit driver

`\X64\DRIVERS\LAN-FAX\X64`

### Supported Operating System

Windows Vista/7/8/8.1/10

Windows Server 2008/2008 R2/2012/2012 R2

### Supported languages

The interface language is supported in the language specified when installing driver.

#### ↓ Note

- For details about installing the driver, see page 33 "Installing the LAN-Fax Driver".

## For OS X Users

If you are using OS X, the following limitations apply to each function:

- When using the scanner function, the TWAIN Driver cannot be used.
- When using the fax function, the LAN-Fax Driver cannot be used.
- When using the printer function, use the printer driver for OS X.

For details, see page 43 "Installing the Printer Driver Under OS X".



# 2. Installing the Printer Driver

This chapter explains how to install and configure the printer drivers for use on the Windows operating system. Installing procedures on Windows 7 is shown as an example except where indicated.

## Confirming the Connection Method

This machine supports network and local connection.

Before installing the printer driver, check how the machine is connected. Follow the driver installation procedure that is appropriate to the connection method.

### Network Connection

This machine can be used as a Windows printing port or network printer.

#### Using the Windows printing port

Network connections can be established through Ethernet and Wireless LAN.

Available ports are determined based on the combination of Windows operating system version and connection method used.

**Windows Vista/7/8/8.1/10, Windows Server 2008/2008 R2/2012/2012 R2**

Connection Method	Available Ports
<ul style="list-style-type: none"><li>Ethernet</li><li>Wireless LAN</li></ul>	<ul style="list-style-type: none"><li>Standard TCP/IP port</li><li>IPP port</li><li>LPR port</li><li>WSD port</li></ul>

**Note**

- For details about how to install the printer driver for each type of port, see page 15 "Installing the Printer Driver for the Selected Port".

#### Using as a network printer

This machine can be used as a remote printer using the Windows print server function.

Client OS	Using Server
<ul style="list-style-type: none"><li>• Windows Vista</li><li>• Windows 7</li><li>• Windows 8</li><li>• Windows 8.1</li><li>• Windows 10</li><li>• Windows Server 2008/2008 R2</li><li>• Windows Server 2012/2012 R2</li></ul>	<ul style="list-style-type: none"><li>• Windows Vista print server</li><li>• Windows 7 print server</li><li>• Windows 8 print server</li><li>• Windows 8.1 print server</li><li>• Windows 10 print server</li><li>• Windows Server 2008/2008 R2 print server</li><li>• Windows Server 2012/2012 R2 print server</li></ul>

**Note**

- For details about how to install the printer driver to print server, see page 21 "Using Windows Print Server".

---

## Local Connection

---

Local connections can be established via USB and parallel connections.

**Note**

- For details about how to install the printer driver for each method of connections, see page 23 "Installing the Printer Driver for a Local Connection".

# Quick Install

You can install the printer drivers easily from the CD-ROM provided with this machine.

Using Quick Install, the PCL 6 printer driver is installed under network environment, and the Standard TCP/IP port will be set.

## ★ Important

- **Manage Printers permission is required to install the drivers. Log on as an Administrators group member.**

1. Click [Quick Install] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Click [Next >].
4. Select the machine model you want to use in the [Select Printer] dialog box.
5. Click [Install].
6. When the port setting screen appears, specify a port.
7. Configure the user code, default printer, and shared printer as necessary.
8. Click [Continue].

The installation starts.

9. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

10. Click [Exit] in the first window of the installer, and then take out the CD-ROM.

## ↓ Note

- If the [User Account Control] dialog box appears during the driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears during the driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add Printer]. See page 39 "Messages Displayed When Installing the Printer Driver".
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].

2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
- Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".



# Installing the Printer Driver for a Network Connection

This section describes the installation procedure of the printer drivers for network connection.

## ★ Important

- **Manage Printers permission is required to install the driver. Log on as an Administrators group member.**

## ↓ Note

- If the [User Account Control] dialog box appears during the driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears during the driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add Printer]. See page 39 "Messages Displayed When Installing the Printer Driver".
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

---

## Installing the Printer Driver for the Selected Port

---

Describes the driver installation procedure for each printer port. See the installation procedure for the printer port you are using.

Port Type	Printer Driver Type	Reference
Standard TCP/IP port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 16 "Using the Standard TCP/IP port"
IPP port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 16 "Using the IPP port"
LPR port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 18 "Using the LPR port"
WSD port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 18 "Using the WSD port"

## Using the Standard TCP/IP port

PCL  PS3

1. Click **[PCL Printer Driver]** or **[PostScript 3 Printer Driver]** on the installer screen.
2. The software license agreement appears in the **[License Agreement]** dialog box. After reading the agreement, click **[I accept the agreement.]**, and then click **[Next >]**.
3. Select a printer driver you want to use, and then click **[Next >]**.
4. Select **[Specify a new port]**, and then click **[Next >]**.
5. Select **[Standard TCP/IP Port]**, and then click **[Next >]**.
6. Click **[Next]**.
7. Enter the machine name or IP address, and then click **[Next]**.
8. Click **[Finish]**.
9. Select the **[Printer Name:]** check box of the machine model you want to use.
10. Configure the user code, default printer, and shared printer as necessary.
11. Click **[Continue]**.

The installation starts.

12. Click **[Finish]**.

When you are prompted to restart your computer, restart it by following the instructions that appear.

## Using the IPP port

PCL  PS3

**1. On the [Start] menu, click [Devices and Printers].**

If you are using a computer that is running Windows 8/8.1 or Windows Server 2012/2012 R2, click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

If you are using a computer that is running Windows 10, right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

**2. Click [Add a printer].**

If you are using a computer that is running Windows 8/8.1/10 or Windows Server 2012/2012 R2, proceed to Step 4.

**3. Click [Add a network, wireless or Bluetooth printer].****4. Click [The printer that I want isn't listed].****5. In the [Select a shared printer by name] box, enter "http://(machine's IP address or host name)/printer (or ipp)" as the printer's address, and then click [Next].****6. Click [Have Disk...].****7. Click [Browse...], and then specify the location of the INF file.**

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**8. Click [Open].****9. Click [OK] to close the [Install From Disk] window.****10. Select the manufacturer and model name of the machine you want to use, and then click [OK].**

The installation starts.

**11. Follow the instructions that appear. Modify settings such as printer name and default printer configuration, as necessary. You can also print a test page.**

12. Click [Finish].

### Using the LPR port

---

PCL  PS3

1. Click [PCL Printer Driver] or [PostScript 3 Printer Driver] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Select a printer driver you want to use, and then click [Next >].
4. Select [Specify a new port], and then click [Next >].
5. Select [LPR Port], and then click [Next >].
6. Enter the machine name or IP address in the [Name or address of server providing lpd:] box.
7. Enter "lp" in the [Name of printer or print queue on that server:] box, and then click [OK].
8. Select the [Printer Name:] check box of the machine model you want to use.
9. Configure the user code, default printer, and shared printer as necessary.
10. Click [Continue].

The installation starts.

11. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

### Using the WSD port

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PCL  PS3

 **Important**

- The WSD port can be used under Windows Vista/7/8/8.1/10, or Windows Server 2008/2008 R2/2012/2012 R2.
- You can connect to the printer only if both the printer and computer are on the same network segment, or "Network discovery" is enabled. For details, see Windows Help.

#### Windows Vista, Windows Server 2008

1. On the [Start] menu, click [Network].
2. Right-click the machine's icon, and then click [Install].
3. Click [Locate and install driver software (recommended)].
4. Click [Browse my computer for driver software (advanced)].

**5. Click [Browse...], and then specify the location of the INF file.**

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e
  - 32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6
  - 32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3
  - 32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**6. Click [Next].****7. Click [Close].**

If installation is successful, the icon of the printer connected to the WSD port will appear in the window for configuring printers.

**Note**

- The port name that follows "WSD" uses random character strings. It cannot be changed freely.
- To stop the installation, click [Cancel] before the installation is complete. When re-installing the WSD Port, right-click the printer's icon in the [Network] window, and then click [Uninstall].

**Windows 7, Windows Server 2008 R2**

1. On the [Start] menu, click [Computer].
2. Click [Network].
3. Right-click the machine's icon, and then click [Install].
4. On the [Start] menu, click [Devices and Printers].
5. Click [Add a printer].
6. Click [Add a local printer].
7. Select [Use an existing port:], and then select WSD port.
8. Click [Next].
9. Click [Have Disk...].
10. Click [Browse...], and then specify the location of the INF file.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

11. Click [OK] to close the [Install From Disk] window.
12. Select the manufacturer and model name of the machine you want to use, and then click [Next].
13. Follow the instructions that appear. Modify settings such as printer name, default printer, and printer sharing configuration, as necessary. You can also print a test page.
14. Click [Finish].

If installation is successful, the icon of the printer connected to the WSD port will appear in the window for configuring printers.

 **Note**

- To stop installation of the selected driver, click [Cancel] before the installation is complete. When re-installing the WSD Port, right-click the machine's icon in the [Network] window, and then click [Uninstall].

### Windows 8/8.1/10, Windows Server 2012/2012 R2

1. Open the [Devices and Printers] window.
  - Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
  - Windows 10:  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
2. Click any machine icon, and then click [Print server properties].
3. Click the [Drivers] tab, and then click [Add].
4. Click [Next].

5. Check the [x64] (64 bit) or [X86] (32 bit) check box, and then click [Next].
6. Click [Have Disk...].
7. Click [Browse...], and then specify the location of the INF file.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e
  - 32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6
  - 32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3
  - 32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

8. Click [OK].
9. Select the manufacturer and model name of the machine you want to use, and then click [Next].
10. Click [Finish].
11. Click [Close] to close the print server properties window.
12. Click [Add a Printer] on the [Devices and Printers] window.
13. Click [The printer that I want isn't listed].
14. Select [Add a Bluetooth, wireless or network discoverable printer], and then click [Next].
15. Select the machine you want to use, and then click [Next].

---

## Using Windows Print Server

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PCL  PS3

1. Click [PCL Printer Driver] or [PostScript 3 Printer Driver] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Select a printer driver you want to use, and then click [Next >].
4. Select [Specify a new port], and then click [Next >].
5. Select [Network Printer], and then click [Next >].

6. Double-click the computer name you want to use as a print server in the [Browse for Printer] window.
7. Select the machine you want to use, and then click [OK].
8. Select the [Printer Name:] check box of the machine model you want to use.
9. Configure the user code, default printer, and shared printer as necessary.
10. Click [Continue].

The installation starts.

11. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.



# Installing the Printer Driver for a Local Connection

This section describes the installation procedure of the printer drivers for USB or parallel connection.

## ★ Important

- **Manage Printers permission is required to install the driver. Log on as an Administrators group member.**

## ↓ Note

- If the [User Account Control] dialog box appears in driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears in driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add Printer]. See page 39 "Messages Displayed When Installing the Printer Driver".
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

---

## USB Connection

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This section explains how to install the printer drivers using USB.

Before installing, check that only the operating system is running on the computer and no print jobs are in progress.

If the printer driver has already been installed, and plug and play is enabled, the icon of the printer connected to the "USB" port is added to the [Printers], [Printers and Faxes], or [Devices and Printers] window.

If the printer driver is not installed, follow the plug-and-play instructions of the machine to install it from the CD-ROM provided with this machine.

## Windows Vista, Windows Server 2008

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**1. Check that the power of the machine is off.**

**2. Connect the machine and computer using a USB cable.**

Connect the USB cable firmly.

**3. Turn on the power of the machine.**

Found New Hardware Wizard starts, and USB Printing Support is installed automatically.

**4. In the [Found New Hardware] window, click [Locate and install driver software (recommended)].**

**5. Select the name of the machine whose driver you want to install.**

Check the location where the source files of the printer driver is stored.

If the CD-ROM drive is D, the source files are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**6. Click [Next].**

The installation starts.

**7. Click [Close].**

If the printer driver has already been installed and plug and play is enabled, the icon of the printer connected to the "USB001" port is added to the [Printers] window.

The number after "USB" varies depending on the number of printers connected.

---

**Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2**
**1. Open the [Devices and Printers] window.**

- Windows 7, Windows Server 2008 R2:

On the [Start] menu, select [Devices and Printers].

- Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

- Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

**2. Click any machine icon, and then click [Print server properties].****3. Click the [Drivers] tab, and then click [Add...].****4. Click [Next].****5. Check the [x64] (64 bit) or [X86] (32 bit) check box, and then click [Next].****6. Click [Have Disk...].****7. Click [Browse...], and then specify the location of the INF file.**

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**8. Click [OK].**

9. Select the manufacturer and model name of the machine you want to use, and then click [Next].
10. Click [Finish].
11. Click [Close] to close the print server properties window.
12. Check that the power of the machine is off.
13. Connect the machine and computer using a USB cable.  
Connect the USB cable firmly.
14. Turn on the power of the machine.

---

## Parallel Connection

---

1. Click [PCL Printer Driver] or [PostScript 3 Printer Driver] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next].
3. Select a printer driver you want to use, and then click [Next].
4. Select [Specify a new port], and then click [Next].
5. Select [Local Port], and then click [Next].
6. Enter a port name, and then click [OK].
7. Select the [Printer Name:] check box of the machine model you want to use.
8. Configure the user code, default printer, and shared printer as necessary.
9. Click [Continue].  
The installation starts.
10. Click [Finish].  
Select one of the options to restart the computer either now or later, and then click [Finish].

# Configuring Option Settings for the Printer

When bidirectional communication works correctly, your computer obtains information about option, paper size and paper feed direction settings from the machine automatically. Bidirectional communication also allows you to monitor machine status.

When bidirectional communication is disabled, you have to set up option, paper size and paper feed direction settings on your computer manually.

## ★ Important

- **Manage Printers permission is required to enable bidirectional communication or to configure the option settings. Log on as an Administrators group member.**

## Conditions for Bidirectional Communication

To support bidirectional communication, the following conditions must be met:

### When connected with parallel cables

- The computer must support bidirectional communication.
- The interface cable must support bidirectional communication.
- The machine must be connected to the computer using the standard parallel cables and parallel connectors.

### When connected with the network

- The Standard TCP/IP port must be used.
- [Enable bidirectional support] must be selected, and [Enable printer pooling] must not be selected on the [Ports] tab with the printer driver.

### When connected with USB

- The machine must be connected to the computer's USB port using the USB interface cable.
- The computer must support bidirectional communication.
- [Enable bidirectional support] must be selected, and [Enable printer pooling] must not be selected on the [Ports] tab with the printer driver.

## ↓ Note

- The PCL 6 and PostScript 3 printer drivers support bidirectional communication and automatic printer status updates.
- To obtain printer information automatically using the bidirectional communication function of the PCL 6 or PostScript 3 printer driver, you must select the [Automatically Update Printer Information] check box on the [Accessories] tab in the printer driver's properties window.
- The PCL 5e printer driver supports bidirectional communication. You can update the printer status manually.

## If Bidirectional Communication is Disabled

This section describes how to set up option, paper size and paper feed direction settings on your computer manually.

### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:  
Right-click the machine's icon, and then click [Properties].
- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:  
Right-click the machine's icon, and then click [Printer properties].

### 3. Click the [Accessories] tab.

If options in the [Accessories] tab are disabled, bidirectional connection is enabled. In this case, no change is necessary for option settings.

### 4. Select options installed from the [Options] area, and then make the necessary settings.

### 5. Click [Change Input Tray Settings...].

### 6. In [Input Tray:] select which trays to use, and then, in [Paper Size:] select the size of the paper that you want to load in each tray.

Click [Modify Input Tray/Paper Size] to apply the setting for each tray.

### 7. Click [OK].

### 8. Click [Apply].

### 9. Click [OK] to close the printer properties window.

#### ↓ Note

- To specify an optional Adobe PostScript when using a PostScript 3 printer driver, select [Adobe PostScript] in the "PostScript:" list on the [Accessories] tab.

- For details about making option settings for the machine using OS X, see page 46 "Configuring Option Settings for the Printer Under OS X".





# 3. Installing the Scanner Driver

This chapter explains how to install the TWAIN Driver on a client computer. Installing procedures on Windows 7 is shown as an example except where indicated.

## Installing the TWAIN Driver

To use the network TWAIN scanner, you must install the TWAIN Driver on a client computer.

### ★ Important

- To use this machine as a network TWAIN scanner, a TWAIN-compliant application must be installed on the client computer.

1. Click [TWAIN Driver] on the installer screen.
2. The installer of the TWAIN Driver starts. Follow the instructions.

### ↓ Note

- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then double-click "Setup.exe".
- Before you start the installation, check the system requirements for the TWAIN Driver. For details about the system requirements, see page 5 "Software and Utilities Included on the CD-ROM".
- When the installation is complete, a message about restarting the client computer may appear. In this case, restart the client computer.
- After the installation is complete, a folder with the name of the machine in use is added in [Programs], [All Programs], [Apps], or [All apps] on the [Start] menu. Help can be displayed from here.

- Notes on using the network TWAIN scanner are provided in "Readme.txt". Be sure to read them before use.

# 4. Installing the Facsimile Driver

This chapter explains how to install and configure the LAN-Fax Driver on a client computer. Installing procedures on Windows 7 is shown as an example except where indicated.

## Installing the LAN-Fax Driver

Address Book, LAN-Fax Cover Sheet Editor, and MFP Address Book Downloader are installed with the LAN-Fax Driver. Address Book helps you edit LAN-Fax transmission destinations. LAN-Fax Cover Sheet Editor helps you edit LAN-Fax cover sheets. MFP Address Book Downloader allows you to save the address book registered in the machine as a CSV file on your computer.

### ★ Important

- **Manage Printers permission is required to install the drivers. Log on as an Administrators group member.**
- **In an IPv6 environment, you cannot use the Standard TCP/IP port.**

## Specifying the Same Port as the Printer Driver

If a port name that is the same as one that is already in use by the existing driver is specified, the LAN-Fax Driver installation may fail. If the printer driver is already installed, make sure that the port numbers of the LAN-Fax Driver and the printer driver match.

1. Click **[LAN-Fax Driver]** on the installer screen.
2. The software license agreement appears in the **[License Agreement]** dialog box. After reading the agreement, click **[I accept the agreement.]**, and then click **[Next >]**.
3. Click **[Next >]**.
4. Select the same port as the one selected in the printer driver from the **[Select from the port list]**, and then click **[Next >]**.
5. Configure the user code, default printer, and shared printer as necessary.
6. Click **[Continue]**.

The installation starts.

7. Click **[Finish]**.

When you are prompted to restart your computer, restart it by following the instructions that appear.

### ↓ Note

- If the **[User Account Control]** dialog box appears in driver installation procedure, click **[Yes]** or **[Continue]**.

- If the [Windows Security] dialog box appears in driver installation procedure, click [Install this driver software anyway].
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

## Specifying the Port When Installing the LAN-Fax Driver

To specify a port that is different from the printer driver when installing the LAN-Fax Driver, see the installation procedure of the printer driver.

If places where the procedure or description differs depending on the driver to be installed, replace the corresponding procedure or description accordingly, and install the driver.

Installation procedures	Corresponding items to replace
page 16 "Using the Standard TCP/IP port"	1, 2
page 16 "Using the IPP port"	3
page 18 "Using the LPR port"	1, 2

**List of Items to Replace**

No.	Items to be replaced	Procedure/description in the printer driver	Procedure/description in the LAN-Fax Driver
1	The name of the button that starts the installation procedure	Click [PCL Printer Driver] or [PostScript 3 Printer Driver].	Click [LAN-Fax Driver].
2	The procedures in the [Install Printer Driver] dialog box	Select the check box of the machine model you want to use.	Select [Printer Name: <LAN-Fax Generic>].
3	The destination folder in which the driver files are stored	The destination folder is written in the description.	<p>The LAN-Fax Driver is installed in the following folder:</p> <ul style="list-style-type: none"> <li>• 32-bit driver X86\DRIVERS\LAN-FAX   \X86\DISK1</li> <li>• 64-bit driver X64\DRIVERS\LAN-FAX   \X64\DISK1</li> </ul>

## Setting LAN-Fax Driver Properties

### Note

- Manage Printers permission is required to set the properties for the LAN-Fax Driver. Log on as an Administrators group member.
- The method for selecting the LAN-Fax Driver will vary according to your operating system. For details, see Windows Help.

---

### Setting Print Properties

---

#### 4

This section explains how to make settings such as paper size or resolution.

#### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

#### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:  
Right-click the [LAN-Fax Generic] icon, and then click [Properties].
- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:  
Right-click the [LAN-Fax Generic] icon, and then click [Printing preferences].

#### 3. To set the following properties.

- Document Size:
- Orientation:
- Input Tray:
- Resolution:
- Spool Data in EMF Format

4. Click [Apply].

5. Click [OK].

---

## Configuring Option Settings for the Facsimile

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### 1. Open the printer windows.

- Windows Vista, Windows Server 2008:

On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.

- Windows 7, Windows Server 2008 R2:

On the [Start] menu, select [Devices and Printers].

- Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

- Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:

Right-click the [LAN-Fax Generic] icon, and then click [Properties].

- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:

Right-click the [LAN-Fax Generic] icon, and then click [Printer properties].

### 3. Click the [Accessories] tab, and then make the settings for the option configuration.

### 4. Select the check boxes for the installed optional units.

### 5. Click [Apply].

Option configuration settings are complete.

### 6. Click [OK].

---

## [Accessories] tab

---

The [Accessories] tab contains the following items besides option configuration items.

### Misc

- Enable Email

Check this when using Internet Fax with the LAN-Fax function.

- Prohibit manual destination entry

Select this check box when manual destination entry is set as prohibited from the machine.

- No. of Entries to Fix Destination

Specify the number of entries to fix the destinations when to enter destinations directly. You can enter a value between 1 and 15.

- Check Destination

Select the check box to confirm the destinations before sending.

### IP-Fax

To use IP-Fax, select the [Enable IP-Fax] check box, and then specify the protocol in [Valid protocol:].

#### Note

- If the options on this machine are not configured as instructed, LAN-Fax functions may fail.
- If this machine is connected to a network, configuration of each option installed on the machine will be performed automatically. If the settings do not match the installed optional units, click [Update Now].



# 5. Troubleshooting

This chapter provides solutions for driver installation and USB connection problems.

## Messages Displayed When Installing the Printer Driver

This section describes what to do if a message appears when installing the printer driver.

Message number 58 or 34 indicates that the printer driver cannot be installed using Auto Run. Install the printer driver using Add Printer Wizard.

Message number 58 appears if there is a newer version of the printer driver already installed.

### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

### 2. Click [Add a printer].

### 3. Follow the instructions in Add Printer Wizard.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1

64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

#### 4. Specify a port.

##### Note

- Available ports vary according to your Windows operating system or the type of interface. For details, see page 11 "Confirming the Connection Method".

## If USB Connection Fails

This section describes how to troubleshoot a problem related to USB connections.

Problem	Causes	Solutions
The machine is not automatically recognized.	The USB cable is not connected properly.	Disconnect the USB cable from the computer, and then turn off the main power switch. Turn on the main power switch again. When the machine has fully booted up, reconnect the USB cable.
The machine does not recognize the USB connection even when a USB cable is inserted.	Windows has already configured the USB settings.	Check whether the computer has identified the machine as an unsupported device.  Open Windows' Device Manager, and then, under [Universal Serial Bus controllers], remove any conflicting devices. Conflicting devices have a [!] or [?] icon by them. Take care not to accidentally remove required devices. For details, see Windows Help.
The machine does not recognize the USB connection even when a USB cable is inserted.	If the USB cable is connected while the machine is off, the machine might not recognize the USB connection.	Press the operation switch, and then disconnect the USB cable from the computer. When the machine has returned to the ready condition, reconnect the USB cable.



# 6. Installing the Printer Driver Under OS X

This chapter explains how to install and configure the printer drivers for use on the OS X operating system.

## Installing the PPD Files

To print using the printer specific features under OS X, install the PPD files.

### ★ Important

- You need an administrator name and a password (phrase). For details, consult your network administrator.
- For the latest information on the corresponding operating system, see the "Readme.txt" file, located on the CD-ROM root directory.

1. Double-click the [Mac OS X] folder.
2. Double-click the [(brand name)] folder.
3. Double-click the [MacOSX PPD Installer] folder.
4. Double-click the package file icon.
5. Follow the instructions on the screen.

### ↓ Note

- The PPD files will be automatically installed in the following location:
  - \Library\Printers\PPDs\Contents\Resources\

## Registering the Printer

To use the machine, the printer must be registered in the printer list.

Make sure the machine and computer are connected and turned on, and perform the following procedure.

For details about how to connect the machine to the computer, see "Connecting the Machine", Connecting the Machine/ System Settings.

### ↓ Note

- When printing with a USB connection to a Macintosh computer, the printer language does not change automatically. Use the control panel on this machine to change the printer language to [Auto] or [PS] before printing.
- The operating procedure under OS X differs depending on the version of the operating system. Consult the procedure described in this manual, and make the necessary settings according to the manual of each version.
- Setting procedures using OS X 10.11 are shown as an example. The actual procedure may differ depending on the OS X version you are using.

---

## USB Connection

---

### ★ Important

- Make sure the computer and the printer are connected using the USB cable, and the power of the devices are turned on beforehand.

1. Start System Preferences.

2. Click [Printers & Scanners].

3. Click the [+] button.

If [Add Printer or Scanner...] appears, click it.

4. Click [Default].

5. Select the printer that has "USB" indicated in the [Kind] column.

6. Select the printer you are using from the [Use:] pop-up menu.

If the printer you are using is not selected in [Use:], select its manufacturer in the [Select Software...] pop-up menu, and then select the PPD file of the printer. For the location of the PPD files, see page 43 "Installing the PPD Files".

7. Click [Add].

If the option settings need to be configured, click [Configure...] in the dialog box that appears, and then configure the option settings.

8. Quit System Preferences.

---

## Network Connection

---

**1. Start System Preferences.**

**2. Click [Printers & Scanners].**

**3. Click the [+] button.**

If [Add Printer or Scanner...] appears, click it.

**4. Click [Default].**

**5. Select the printer that has "Bonjour" indicated in the [Kind] column.**

If the printer name is not displayed, select the icon that corresponds to your network environment (TCP/IP, etc.).

**6. Select the printer you are using from the [Use:] pop-up menu.**

If the printer you are using is not selected in [Use:], select its manufacturer in the [Select Software...] pop-up menu, and then select the PPD file of the printer. For the location of the PPD files, see page 43 "Installing the PPD Files".

**7. Click [Add].**

If the option settings need to be configured, click [Configure...] in the dialog box that appears, and then configure the option settings.

**8. Quit System Preferences.**

# Configuring Option Settings for the Printer Under OS X

This section explains how to configure the printer driver.

1. **Start System Preferences.**
2. **Click [Printers & Scanners].**
3. **Select the printer you are using, and then click [Options & Supplies...].**
4. **Click [Options], and then configure settings as needed.**
5. **Click [OK].**
6. **Quit System Preferences.**

## ↓ Note

- If the option you want to select is not displayed, PPD files may not be set up correctly. To complete the setup, check the name of the PPD file displayed in the dialog box.
- Setting procedures using OS X 10.11 are shown as an example. The actual procedure may differ depending on the OS X version you are using.
- To specify an optional Adobe PostScript when using a PostScript 3 printer driver, select [Adobe PostScript] in the "PostScript:" list on the [Accessories] tab.



# 7. Appendix

---

## Updating or Deleting the Driver

### ★ Important

- Administrator permission is required to update or delete the driver in use. Log on as an Administrators group member.
- For driver updates, select a driver that is compatible with the printer and driver type you are using. An error may result if you select a driver that is not compatible with the printer and driver type.

### ↓ Note

- If the [User Account Control] dialog box appears, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears, click [Install this driver software anyway].

---

## Updating the Driver

---

### Printer driver / LAN-Fax driver

---

You can download the most recent version of the driver from the manufacturer's Web site. Download the latest driver, and then perform the following procedure.

#### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

#### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:  
Right-click the machine's icon, and then click [Properties].

- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:  
Right-click the machine's icon, and then click [Printer properties].

3. Click the [Advanced] tab.
4. Click [New Driver...], and then click [Next].
5. Click [Have Disk...].
6. Click [Browse...], and then select the driver location.
7. Click [OK].
8. Select the machine model, and then click [Next].
9. Click [Finish].

The driver update starts.

10. Click [Apply].
11. Click [OK] to close the printer properties window.
12. Restart the computer.

## PPD files (OS X), TWAIN driver

---

You can download the most recent version of the drivers from the manufacturer's Web site.

Delete the old version of the driver first, and then install the new driver. For details about how to delete the driver, see page 48 "Deleting the Driver".

---

## Deleting the Driver

---

### Printer driver / LAN-Fax driver

---

#### Windows Vista, Windows Server 2008

1. On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
2. Right-click the icon of the machine you want to delete, and then click [Delete].
3. On the [File] menu, point to [Run as administrator], and then click [Server Properties...].
4. Click the [Drivers] tab.
5. Select the driver you want to delete, and then click [Remove...].
6. Select [Remove driver and driver package.], and then click [OK].
7. Click [Yes].
8. Click [Delete].

9. Click [OK].
10. Click [Close] to close the print server properties window.

### Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2

1. On the [Start] menu, click [Devices and Printers].

If you are using a computer that is running Windows 8/8.1 or Windows Server 2012/2012 R2, click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

If you are using a computer that is running Windows 10, right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

2. Right-click the icon of the machine you want to delete, and then click [Remove device].
3. Click [Yes].
4. Click any machine icon, and then click [Print server properties].
5. Click the [Drivers] tab.
6. Click the [Change Driver Settings] button if it is displayed.
7. Select the driver you want to delete, and then click [Remove...].
8. Select [Remove driver and driver package.], and then click [OK].
9. Click [Yes].
10. Click [Delete].
11. Click [OK].
12. Click [Close] to close the print server properties window.

### PPD files (OS X)

1. Start System Preferences.
2. Click [Printers & Scanners].
3. Select the printer you want to delete, click the [−] button.
4. Click [Delete Printer].

### TWAIN driver

1. Start uninstaller.

- Windows Vista/7, Windows Server 2008/2008 R2:  
On the [Start] menu, select [Control Panel], and then click [Uninstall a program].
- Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [Uninstall a program].

- Windows 10

Right-click the [Start] button on the desktop, and then click [Programs and Features]. When the [Control Panel] window appears, click [Uninstall a program].

## **2. Remove the TWAIN driver.**

- Windows Vista/7/8/8.1/10, Windows Server 2008/2008 R2 /2012/2012 R2:
  1. Select the driver you want to delete.
  2. Click [Uninstall/Change] or [Uninstall].

## **3. Quit uninstaller.**

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Microsoft® Windows Server® 2008 R2 Standard

Microsoft® Windows Server® 2008 R2 Enterprise

- The product names of Windows Server 2012 are as follows:

Microsoft® Windows Server® 2012 Foundation

Microsoft® Windows Server® 2012 Essentials

Microsoft® Windows Server® 2012 Standard

- The product names of Windows Server 2012 R2 are as follows:

Microsoft® Windows Server® 2012 R2 Foundation

Microsoft® Windows Server® 2012 R2 Essentials

Microsoft® Windows Server® 2012 R2 Standard

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MEMO



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MEMO

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MEMO







# Operating Instructions Driver Installation Guide

See the other online manuals on our website (<http://www.ricoh.com/>) or from the control panel.





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# 1. Introduction

This chapter explains the software included on the supplied CD-ROM.

## Start Installer

To connect this machine to a client computer and use its printer, scanner, and fax functions, the software included on the provided CD-ROM must be installed on the client computer.

The installer starts automatically when you insert the provided CD-ROM into the CD-ROM drive of a client computer running under Windows or Windows Server. You can then install the various software included on the CD-ROM.

The contents (display item) of the installer are as follows:

### Quick Install

Installs the PCL 6 printer driver, and configures the Standard TCP/IP port to establish a connection with a network printer.

For details, see page 13 "Quick Install".

### PCL Printer Driver

Installs the PCL 6 and/or PCL 5e printer drivers.

For details about installing the driver, see page 15 "Installing the Printer Driver for a Network Connection" or page 23 "Installing the Printer Driver for a Local Connection".

### PostScript 3 Printer Driver

Installs the PostScript 3 printer driver.

For details about installing the driver, see page 15 "Installing the Printer Driver for a Network Connection" or page 23 "Installing the Printer Driver for a Local Connection".

### LAN-Fax Driver

This software enables you to fax documents directly from your computer. Address Book, LAN-Fax Cover Sheet Editor, and MFP Address Book Downloader will also be installed.

For details about installing the driver, see page 33 "Installing the LAN-Fax Driver".

### TWAIN Driver

This software enables you to utilize image data from other TWAIN compliant applications.

For details about installing the driver, see page 31 "Installing the TWAIN Driver".

### Select Language

Changes the interface language.

### Browse This Disk

Browses the contents of this disk.

## Exit

Quits Installer.

### Note

- Manage Printers permission is required to install the driver. Log on as an Administrators group member.
- Auto Run might not work automatically with certain OS settings. If this is the case, double-click "Setup.exe", located on the CD-ROM root directory, or click [Run SETUP.EXE] in the [AutoPlay] dialog box.

# Software and Utilities Included on the CD-ROM

This section explains the software and utilities CD-ROM provided with this machine.

## ↓ Note

- For the latest information on the corresponding operating system, see "Readme.txt" file, located on the CD-ROM root directory.
- For the latest information on Windows Terminal Service, Citrix XenDesktop, and Citrix XenApp, see the manufacturer's Web site.

## Printer Drivers

Printing requires installation of a printer driver for your operating system. The following drivers are included on the CD-ROM.

Operating System <sup>*1</sup>	Printer Language		
	PCL 5e	PCL 6	PostScript 3
Windows Vista <sup>*2</sup>	OK	OK	OK
Windows 7 <sup>*3</sup>	OK	OK	OK
Windows 8 <sup>*4</sup>	OK	OK	OK
Windows 8.1 <sup>*5</sup>	OK	OK	OK
Windows 10 <sup>*6</sup>	OK	OK	OK
Windows Server 2008 <sup>*7</sup>	OK	OK	OK
Windows Server 2012 <sup>*8</sup>	OK	OK	OK
OS X <sup>*9</sup>	—	—	OK

\*1 Windows operating system supports both versions (32/64 bit)

\*2 Microsoft Windows Vista Ultimate/Microsoft Windows Vista Enterprise/Microsoft Windows Vista Business/Microsoft Windows Vista Home Premium/Microsoft Windows Vista Home Basic

\*3 Microsoft Windows 7 Home Premium/Microsoft Windows 7 Professional/Microsoft Windows 7 Ultimate/Microsoft Windows 7 Enterprise

\*4 Microsoft Windows 8/Microsoft Windows 8 Pro/Microsoft Windows 8 Enterprise

\*5 Microsoft Windows 8.1/Microsoft Windows 8.1 Pro/Microsoft Windows 8.1 Enterprise

\*6 Microsoft Windows 10 Home/Microsoft Windows 10 Pro/Microsoft Windows 10 Enterprise/Microsoft Windows 10 Education

\*7 Microsoft Windows Server 2008 Standard/Microsoft Windows Server 2008 Enterprise/Microsoft Windows Server 2008 R2 Standard/Microsoft Windows Server 2008 R2 Enterprise

\*8 Microsoft Windows Server 2012 Foundation/Microsoft Windows Server 2012 Essentials/Microsoft Windows Server 2012 Standard/Microsoft Windows Server 2012 R2 Foundation/Microsoft Windows Server 2012 R2 Essentials/Microsoft Windows Server 2012 R2 Standard

\*9 OS X 10.8 or later

## PCL printer drivers

Two kinds of PCL printer driver (PCL 5e and PCL 6) are included. These drivers allow your computer to communicate with this machine.

## Adobe® PostScript® printer driver and PPD files

Adobe PostScript printer driver allows the computer to communicate with the printer. PPD files allow the printer driver to enable specific printer functions.

### Note

- Some applications may require installation of the PCL 5e printer driver. In this case, you can install PCL 5e without having to install PCL 6.
- For details about installing the driver, see page 15 "Installing the Printer Driver for a Network Connection" or page 23 "Installing the Printer Driver for a Local Connection".

## Supported languages

The languages supported in each printer driver are as follow:

Supported languages	Printer Language			
	PCL 5e <sup>*1</sup>	PCL 6 <sup>*2</sup>	PostScript 3 <sup>*2</sup>	PPD (OS X)
English	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
German	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
French	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Italian	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Spanish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dutch	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Swedish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Norwegian	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Danish	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Supported languages	Printer Language			
	PCL 5e <sup>*1</sup>	PCL 6 <sup>*2</sup>	PostScript 3 <sup>*2</sup>	PPD (OS X)
Finnish	○	○	△	△
Hungarian	○	○	△	△
Czech	○	○	△	△
Polish	○	○	△	△
Portuguese	○	○	△	△
Russian	○	○	△	△
Catalan	○	○	△	△
Turkish	○	○	△	△
Brazilian Portuguese	△	○	△	△
Greek	△	○	△	△
Korean	○	○	○	○
Simplified Chinese	×	○	○	○
Traditional Chinese	×	○	○	○

○: Supported

△: You can install the printer driver, but the printer driver is displayed in English

×: Not supported

\*1 The PCL 5e printer driver does not support Brazilian Portuguese and Greek. Use the English version of the driver.

\*2 The PCL 6 and PostScript 3 printer drivers use the same interface language as the one specified by your operating system. However, the PostScript 3 printer driver will be displayed in English if your operating system uses one of the following languages: Finnish, Hungarian, Czech, Polish, Portuguese, Russian, Catalan, Turkish, Brazilian Portuguese, and Greek.

## TWAIN Driver

This driver is required to scan an original using a scanner. To use the machine as a network TWAIN scanner, this driver must be installed.

### File path

The driver is included in the following folder on the CD-ROM:

`\X86\DRIVERS\TWAIN`

### Supported Operating System <sup>\*1</sup>

Windows Vista/7/8/8.1/10

Windows Server 2008/2008 R2/2012/2012 R2

\*1 TWAIN scanner runs on a 64-bit operating system, but is not compatible with 64-bit applications. Use it with 32-bit applications.

### Supported languages

The TWAIN Driver uses the same interface language as the one specified by your operating system.

#### ↓ Note

- For details about installing the driver, see page 31 "Installing the TWAIN Driver".

---

## LAN-Fax Driver

---

This driver is required to use LAN-Fax functions.

### File path

The driver is included in the following folder on the CD-ROM:

- 32-bit driver

`\X86\DRIVERS\LAN-FAX\X86`

- 64-bit driver

`\X64\DRIVERS\LAN-FAX\X64`

### Supported Operating System

Windows Vista/7/8/8.1/10

Windows Server 2008/2008 R2/2012/2012 R2

### Supported languages

The interface language is supported in the language specified when installing driver.

#### ↓ Note

- For details about installing the driver, see page 33 "Installing the LAN-Fax Driver".

## For OS X Users

If you are using OS X, the following limitations apply to each function:

- When using the scanner function, the TWAIN Driver cannot be used.
- When using the fax function, the LAN-Fax Driver cannot be used.
- When using the printer function, use the printer driver for OS X.

For details, see page 43 "Installing the Printer Driver Under OS X".





# 2. Installing the Printer Driver

This chapter explains how to install and configure the printer drivers for use on the Windows operating system. Installing procedures on Windows 7 is shown as an example except where indicated.

## Confirming the Connection Method

This machine supports network and local connection.

Before installing the printer driver, check how the machine is connected. Follow the driver installation procedure that is appropriate to the connection method.

### Network Connection

This machine can be used as a Windows printing port or network printer.

#### Using the Windows printing port

Network connections can be established through Ethernet and Wireless LAN.

Available ports are determined based on the combination of Windows operating system version and connection method used.

#### Windows Vista/7/8/8.1/10, Windows Server 2008/2008 R2/2012/2012 R2

Connection Method	Available Ports
<ul style="list-style-type: none"><li>Ethernet</li><li>Wireless LAN</li></ul>	<ul style="list-style-type: none"><li>Standard TCP/IP port</li><li>IPP port</li><li>LPR port</li><li>WSD port</li></ul>

**Note**

- For details about how to install the printer driver for each type of port, see page 15 "Installing the Printer Driver for the Selected Port".

#### Using as a network printer

This machine can be used as a remote printer using the Windows print server function.

Client OS	Using Server
<ul style="list-style-type: none"><li>• Windows Vista</li><li>• Windows 7</li><li>• Windows 8</li><li>• Windows 8.1</li><li>• Windows 10</li><li>• Windows Server 2008/2008 R2</li><li>• Windows Server 2012/2012 R2</li></ul>	<ul style="list-style-type: none"><li>• Windows Vista print server</li><li>• Windows 7 print server</li><li>• Windows 8 print server</li><li>• Windows 8.1 print server</li><li>• Windows 10 print server</li><li>• Windows Server 2008/2008 R2 print server</li><li>• Windows Server 2012/2012 R2 print server</li></ul>

**Note**

- For details about how to install the printer driver to print server, see page 21 "Using Windows Print Server".

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## Local Connection

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Local connections can be established via USB and parallel connections.

**Note**

- For details about how to install the printer driver for each method of connections, see page 23 "Installing the Printer Driver for a Local Connection".

# Quick Install

You can install the printer drivers easily from the CD-ROM provided with this machine.

Using Quick Install, the PCL 6 printer driver is installed under network environment, and the Standard TCP/IP port will be set.

## ★ Important

- **Manage Printers permission is required to install the drivers. Log on as an Administrators group member.**

1. Click [Quick Install] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Click [Next >].
4. Select the machine model you want to use in the [Select Printer] dialog box.
5. Click [Install].
6. When the port setting screen appears, specify a port.
7. Configure the user code, default printer, and shared printer as necessary.
8. Click [Continue].

The installation starts.

9. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

10. Click [Exit] in the first window of the installer, and then take out the CD-ROM.

## ↓ Note

- If the [User Account Control] dialog box appears during the driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears during the driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add Printer]. See page 39 "Messages Displayed When Installing the Printer Driver".
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].

2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
- Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

# Installing the Printer Driver for a Network Connection

This section describes the installation procedure of the printer drivers for network connection.

## ★ Important

- **Manage Printers permission is required to install the driver. Log on as an Administrators group member.**

## ↓ Note

- If the [User Account Control] dialog box appears during the driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears during the driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add Printer]. See page 39 "Messages Displayed When Installing the Printer Driver".
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

---

## Installing the Printer Driver for the Selected Port

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Describes the driver installation procedure for each printer port. See the installation procedure for the printer port you are using.

Port Type	Printer Driver Type	Reference
Standard TCP/IP port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 16 "Using the Standard TCP/IP port"
IPP port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 16 "Using the IPP port"
LPR port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 18 "Using the LPR port"
WSD port	<input type="checkbox"/> PCL <input type="checkbox"/> PS3	page 18 "Using the WSD port"

## Using the Standard TCP/IP port

PCL  PS3

1. Click **[PCL Printer Driver]** or **[PostScript 3 Printer Driver]** on the installer screen.
2. The software license agreement appears in the **[License Agreement]** dialog box. After reading the agreement, click **[I accept the agreement.]**, and then click **[Next >]**.
3. Select a printer driver you want to use, and then click **[Next >]**.
4. Select **[Specify a new port]**, and then click **[Next >]**.
5. Select **[Standard TCP/IP Port]**, and then click **[Next >]**.
6. Click **[Next]**.
7. Enter the machine name or IP address, and then click **[Next]**.
8. Click **[Finish]**.
9. Select the **[Printer Name:]** check box of the machine model you want to use.
10. Configure the user code, default printer, and shared printer as necessary.
11. Click **[Continue]**.

The installation starts.

12. Click **[Finish]**.

When you are prompted to restart your computer, restart it by following the instructions that appear.

## Using the IPP port

PCL  PS3

**1. On the [Start] menu, click [Devices and Printers].**

If you are using a computer that is running Windows 8/8.1 or Windows Server 2012/2012 R2, click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

If you are using a computer that is running Windows 10, right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

**2. Click [Add a printer].**

If you are using a computer that is running Windows 8/8.1/10 or Windows Server 2012/2012 R2, proceed to Step 4.

**3. Click [Add a network, wireless or Bluetooth printer].****4. Click [The printer that I want isn't listed].****5. In the [Select a shared printer by name] box, enter "http://(machine's IP address or host name)/printer (or ipp)" as the printer's address, and then click [Next].****6. Click [Have Disk...].****7. Click [Browse...], and then specify the location of the INF file.**

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e
  - 32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6
  - 32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3
  - 32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**8. Click [Open].****9. Click [OK] to close the [Install From Disk] window.****10. Select the manufacturer and model name of the machine you want to use, and then click [OK].**

The installation starts.

**11. Follow the instructions that appear. Modify settings such as printer name and default printer configuration, as necessary. You can also print a test page.**

12. Click [Finish].

### Using the LPR port

---

PCL  PS3

1. Click [PCL Printer Driver] or [PostScript 3 Printer Driver] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Select a printer driver you want to use, and then click [Next >].
4. Select [Specify a new port], and then click [Next >].
5. Select [LPR Port], and then click [Next >].
6. Enter the machine name or IP address in the [Name or address of server providing lpd:] box.
7. Enter "lp" in the [Name of printer or print queue on that server:] box, and then click [OK].
8. Select the [Printer Name:] check box of the machine model you want to use.
9. Configure the user code, default printer, and shared printer as necessary.
10. Click [Continue].

The installation starts.

11. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

### Using the WSD port

---

PCL  PS3

 **Important**

- The WSD port can be used under Windows Vista/7/8/8.1/10, or Windows Server 2008/2008 R2/2012/2012 R2.
- You can connect to the printer only if both the printer and computer are on the same network segment, or "Network discovery" is enabled. For details, see Windows Help.

#### Windows Vista, Windows Server 2008

1. On the [Start] menu, click [Network].
2. Right-click the machine's icon, and then click [Install].
3. Click [Locate and install driver software (recommended)].
4. Click [Browse my computer for driver software (advanced)].



**5. Click [Browse...], and then specify the location of the INF file.**

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e
  - 32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6
  - 32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3
  - 32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**6. Click [Next].****7. Click [Close].**

If installation is successful, the icon of the printer connected to the WSD port will appear in the window for configuring printers.

**Note**

- The port name that follows "WSD" uses random character strings. It cannot be changed freely.
- To stop the installation, click [Cancel] before the installation is complete. When re-installing the WSD Port, right-click the printer's icon in the [Network] window, and then click [Uninstall].

**Windows 7, Windows Server 2008 R2**

1. On the [Start] menu, click [Computer].
2. Click [Network].
3. Right-click the machine's icon, and then click [Install].
4. On the [Start] menu, click [Devices and Printers].
5. Click [Add a printer].
6. Click [Add a local printer].
7. Select [Use an existing port:], and then select WSD port.
8. Click [Next].
9. Click [Have Disk...].
10. Click [Browse...], and then specify the location of the INF file.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

11. Click [OK] to close the [Install From Disk] window.
12. Select the manufacturer and model name of the machine you want to use, and then click [Next].
13. Follow the instructions that appear. Modify settings such as printer name, default printer, and printer sharing configuration, as necessary. You can also print a test page.
14. Click [Finish].

If installation is successful, the icon of the printer connected to the WSD port will appear in the window for configuring printers.

 **Note**

- To stop installation of the selected driver, click [Cancel] before the installation is complete. When re-installing the WSD Port, right-click the machine's icon in the [Network] window, and then click [Uninstall].

### Windows 8/8.1/10, Windows Server 2012/2012 R2

1. Open the [Devices and Printers] window.
  - Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
  - Windows 10:  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
2. Click any machine icon, and then click [Print server properties].
3. Click the [Drivers] tab, and then click [Add].
4. Click [Next].

5. Check the [x64] (64 bit) or [X86] (32 bit) check box, and then click [Next].
6. Click [Have Disk...].
7. Click [Browse...], and then specify the location of the INF file.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e
  - 32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6
  - 32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3
  - 32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1
  - 64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

8. Click [OK].
9. Select the manufacturer and model name of the machine you want to use, and then click [Next].
10. Click [Finish].
11. Click [Close] to close the print server properties window.
12. Click [Add a Printer] on the [Devices and Printers] window.
13. Click [The printer that I want isn't listed].
14. Select [Add a Bluetooth, wireless or network discoverable printer], and then click [Next].
15. Select the machine you want to use, and then click [Next].

---

## Using Windows Print Server

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PCL  PS3

1. Click [PCL Printer Driver] or [PostScript 3 Printer Driver] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next >].
3. Select a printer driver you want to use, and then click [Next >].
4. Select [Specify a new port], and then click [Next >].
5. Select [Network Printer], and then click [Next >].

6. Double-click the computer name you want to use as a print server in the [Browse for Printer] window.
7. Select the machine you want to use, and then click [OK].
8. Select the [Printer Name:] check box of the machine model you want to use.
9. Configure the user code, default printer, and shared printer as necessary.
10. Click [Continue].

The installation starts.

11. Click [Finish].

When you are prompted to restart your computer, restart it by following the instructions that appear.

# Installing the Printer Driver for a Local Connection

This section describes the installation procedure of the printer drivers for USB or parallel connection.

## ★ Important

- **Manage Printers permission is required to install the driver. Log on as an Administrators group member.**

## ↓ Note

- If the [User Account Control] dialog box appears in driver installation procedure, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears in driver installation procedure, click [Install this driver software anyway].
- A message appears if there is a newer version of the printer driver already installed. If there is, you cannot install the printer driver using Auto Run. If you still want to install the printer driver, use [Add Printer]. See page 39 "Messages Displayed When Installing the Printer Driver".
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

---

## USB Connection

---

This section explains how to install the printer drivers using USB.

Before installing, check that only the operating system is running on the computer and no print jobs are in progress.

If the printer driver has already been installed, and plug and play is enabled, the icon of the printer connected to the "USB" port is added to the [Printers], [Printers and Faxes], or [Devices and Printers] window.

If the printer driver is not installed, follow the plug-and-play instructions of the machine to install it from the CD-ROM provided with this machine.

## Windows Vista, Windows Server 2008

---

**1. Check that the power of the machine is off.**

**2. Connect the machine and computer using a USB cable.**

Connect the USB cable firmly.

**3. Turn on the power of the machine.**

Found New Hardware Wizard starts, and USB Printing Support is installed automatically.

**4. In the [Found New Hardware] window, click [Locate and install driver software (recommended)].**

**5. Select the name of the machine whose driver you want to install.**

Check the location where the source files of the printer driver is stored.

If the CD-ROM drive is D, the source files are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**6. Click [Next].**

The installation starts.

**7. Click [Close].**

If the printer driver has already been installed and plug and play is enabled, the icon of the printer connected to the "USB001" port is added to the [Printers] window.

The number after "USB" varies depending on the number of printers connected.

**Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2****1. Open the [Devices and Printers] window.**

- Windows 7, Windows Server 2008 R2:

On the [Start] menu, select [Devices and Printers].

- Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

- Windows 10

Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

**2. Click any machine icon, and then click [Print server properties].****3. Click the [Drivers] tab, and then click [Add...].****4. Click [Next].****5. Check the [x64] (64 bit) or [X86] (32 bit) check box, and then click [Next].****6. Click [Have Disk...].****7. Click [Browse...], and then specify the location of the INF file.**

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

**8. Click [OK].**

9. Select the manufacturer and model name of the machine you want to use, and then click [Next].
10. Click [Finish].
11. Click [Close] to close the print server properties window.
12. Check that the power of the machine is off.
13. Connect the machine and computer using a USB cable.  
Connect the USB cable firmly.
14. Turn on the power of the machine.

---

## Parallel Connection

---

1. Click [PCL Printer Driver] or [PostScript 3 Printer Driver] on the installer screen.
2. The software license agreement appears in the [License Agreement] dialog box. After reading the agreement, click [I accept the agreement.], and then click [Next].
3. Select a printer driver you want to use, and then click [Next].
4. Select [Specify a new port], and then click [Next].
5. Select [Local Port], and then click [Next].
6. Enter a port name, and then click [OK].
7. Select the [Printer Name:] check box of the machine model you want to use.
8. Configure the user code, default printer, and shared printer as necessary.
9. Click [Continue].  
The installation starts.
10. Click [Finish].  
Select one of the options to restart the computer either now or later, and then click [Finish].



# Configuring Option Settings for the Printer

When bidirectional communication works correctly, your computer obtains information about option, paper size and paper feed direction settings from the machine automatically. Bidirectional communication also allows you to monitor machine status.

When bidirectional communication is disabled, you have to set up option, paper size and paper feed direction settings on your computer manually.

## ★ Important

- **Manage Printers permission is required to enable bidirectional communication or to configure the option settings. Log on as an Administrators group member.**

## Conditions for Bidirectional Communication

To support bidirectional communication, the following conditions must be met:

### When connected with parallel cables

- The computer must support bidirectional communication.
- The interface cable must support bidirectional communication.
- The machine must be connected to the computer using the standard parallel cables and parallel connectors.

### When connected with the network

- The Standard TCP/IP port must be used.
- [Enable bidirectional support] must be selected, and [Enable printer pooling] must not be selected on the [Ports] tab with the printer driver.

### When connected with USB

- The machine must be connected to the computer's USB port using the USB interface cable.
- The computer must support bidirectional communication.
- [Enable bidirectional support] must be selected, and [Enable printer pooling] must not be selected on the [Ports] tab with the printer driver.

## ↓ Note

- The PCL 6 and PostScript 3 printer drivers support bidirectional communication and automatic printer status updates.
- To obtain printer information automatically using the bidirectional communication function of the PCL 6 or PostScript 3 printer driver, you must select the [Automatically Update Printer Information] check box on the [Accessories] tab in the printer driver's properties window.
- The PCL 5e printer driver supports bidirectional communication. You can update the printer status manually.

## If Bidirectional Communication is Disabled

This section describes how to set up option, paper size and paper feed direction settings on your computer manually.

### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:  
Right-click the machine's icon, and then click [Properties].
- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:  
Right-click the machine's icon, and then click [Printer properties].

### 3. Click the [Accessories] tab.

If options in the [Accessories] tab are disabled, bidirectional connection is enabled. In this case, no change is necessary for option settings.

### 4. Select options installed from the [Options] area, and then make the necessary settings.

### 5. Click [Change Input Tray Settings...].

### 6. In [Input Tray:] select which trays to use, and then, in [Paper Size:] select the size of the paper that you want to load in each tray.

Click [Modify Input Tray/Paper Size] to apply the setting for each tray.

### 7. Click [OK].

### 8. Click [Apply].

### 9. Click [OK] to close the printer properties window.

#### ↓ Note

- To specify an optional Adobe PostScript when using a PostScript 3 printer driver, select [Adobe PostScript] in the "PostScript:" list on the [Accessories] tab.

- For details about making option settings for the machine using OS X, see page 46 "Configuring Option Settings for the Printer Under OS X".



# 3. Installing the Scanner Driver

This chapter explains how to install the TWAIN Driver on a client computer. Installing procedures on Windows 7 is shown as an example except where indicated.

## Installing the TWAIN Driver

To use the network TWAIN scanner, you must install the TWAIN Driver on a client computer.

**★ Important**

- To use this machine as a network TWAIN scanner, a TWAIN-compliant application must be installed on the client computer.

1. Click [TWAIN Driver] on the installer screen.
2. The installer of the TWAIN Driver starts. Follow the instructions.

**↓ Note**

- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then double-click "Setup.exe".
- Before you start the installation, check the system requirements for the TWAIN Driver. For details about the system requirements, see page 5 "Software and Utilities Included on the CD-ROM".
- When the installation is complete, a message about restarting the client computer may appear. In this case, restart the client computer.
- After the installation is complete, a folder with the name of the machine in use is added in [Programs], [All Programs], [Apps], or [All apps] on the [Start] menu. Help can be displayed from here.

- Notes on using the network TWAIN scanner are provided in "Readme.txt". Be sure to read them before use.

# 4. Installing the Facsimile Driver

This chapter explains how to install and configure the LAN-Fax Driver on a client computer. Installing procedures on Windows 7 is shown as an example except where indicated.

## Installing the LAN-Fax Driver

Address Book, LAN-Fax Cover Sheet Editor, and MFP Address Book Downloader are installed with the LAN-Fax Driver. Address Book helps you edit LAN-Fax transmission destinations. LAN-Fax Cover Sheet Editor helps you edit LAN-Fax cover sheets. MFP Address Book Downloader allows you to save the address book registered in the machine as a CSV file on your computer.

### ★ Important

- **Manage Printers permission is required to install the drivers. Log on as an Administrators group member.**
- **In an IPv6 environment, you cannot use the Standard TCP/IP port.**

## Specifying the Same Port as the Printer Driver

If a port name that is the same as one that is already in use by the existing driver is specified, the LAN-Fax Driver installation may fail. If the printer driver is already installed, make sure that the port numbers of the LAN-Fax Driver and the printer driver match.

1. Click **[LAN-Fax Driver]** on the installer screen.
2. The software license agreement appears in the **[License Agreement]** dialog box. After reading the agreement, click **[I accept the agreement.]**, and then click **[Next >]**.
3. Click **[Next >]**.
4. Select the same port as the one selected in the printer driver from the **[Select from the port list]**, and then click **[Next >]**.
5. Configure the user code, default printer, and shared printer as necessary.
6. Click **[Continue]**.

The installation starts.

7. Click **[Finish]**.

When you are prompted to restart your computer, restart it by following the instructions that appear.

### ↓ Note

- If the **[User Account Control]** dialog box appears in driver installation procedure, click **[Yes]** or **[Continue]**.

- If the [Windows Security] dialog box appears in driver installation procedure, click [Install this driver software anyway].
- The [AutoPlay] dialog box is displayed only for a few seconds under Windows 8/8.1/10 and Windows Server 2012/2012 R2. If the [AutoPlay] dialog box disappears, use the following procedure to replay the CD-ROM:
  - Windows 8, Windows Server 2012
    1. On the Charm Bar, click [Search], and then click [Computer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 8.1, Windows Server 2012 R2
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then click "Setup.exe".
  - Windows 10
    1. On the desktop, right-click the [Start] button, and then click [File Explorer].
    2. Double-click the CD-ROM drive in which the provided CD-ROM is set, and then doubleclick "Setup.exe".

## Specifying the Port When Installing the LAN-Fax Driver

To specify a port that is different from the printer driver when installing the LAN-Fax Driver, see the installation procedure of the printer driver.

If places where the procedure or description differs depending on the driver to be installed, replace the corresponding procedure or description accordingly, and install the driver.

Installation procedures	Corresponding items to replace
page 16 "Using the Standard TCP/IP port"	1, 2
page 16 "Using the IPP port"	3
page 18 "Using the LPR port"	1, 2



**List of Items to Replace**

No.	Items to be replaced	Procedure/description in the printer driver	Procedure/description in the LAN-Fax Driver
1	The name of the button that starts the installation procedure	Click [PCL Printer Driver] or [PostScript 3 Printer Driver].	Click [LAN-Fax Driver].
2	The procedures in the [Install Printer Driver] dialog box	Select the check box of the machine model you want to use.	Select [Printer Name: <LAN-Fax Generic>].
3	The destination folder in which the driver files are stored	The destination folder is written in the description.	<p>The LAN-Fax Driver is installed in the following folder:</p> <ul style="list-style-type: none"> <li>• 32-bit driver X86\DRIVERS\LAN-FAX   \X86\DISK1</li> <li>• 64-bit driver X64\DRIVERS\LAN-FAX   \X64\DISK1</li> </ul>

# Setting LAN-Fax Driver Properties

## ↓ Note

- Manage Printers permission is required to set the properties for the LAN-Fax Driver. Log on as an Administrators group member.
- The method for selecting the LAN-Fax Driver will vary according to your operating system. For details, see Windows Help.

---

## Setting Print Properties

---

4

This section explains how to make settings such as paper size or resolution.

### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:  
Right-click the [LAN-Fax Generic] icon, and then click [Properties].
- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:  
Right-click the [LAN-Fax Generic] icon, and then click [Printing preferences].

### 3. To set the following properties.

- Document Size:
- Orientation:
- Input Tray:
- Resolution:
- Spool Data in EMF Format

4. Click [Apply].
5. Click [OK].

---

## Configuring Option Settings for the Facsimile

---

### 1. Open the printer windows.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:  
Right-click the [LAN-Fax Generic] icon, and then click [Properties].
- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:  
Right-click the [LAN-Fax Generic] icon, and then click [Printer properties].

### 3. Click the [Accessories] tab, and then make the settings for the option configuration.

### 4. Select the check boxes for the installed optional units.

### 5. Click [Apply].

Option configuration settings are complete.

### 6. Click [OK].

---

## [Accessories] tab

---

The [Accessories] tab contains the following items besides option configuration items.

### Misc

- Enable Email  
Check this when using Internet Fax with the LAN-Fax function.
- Prohibit manual destination entry

Select this check box when manual destination entry is set as prohibited from the machine.

- No. of Entries to Fix Destination

Specify the number of entries to fix the destinations when to enter destinations directly. You can enter a value between 1 and 15.

- Check Destination

Select the check box to confirm the destinations before sending.

### IP-Fax

To use IP-Fax, select the [Enable IP-Fax] check box, and then specify the protocol in [Valid protocol:].

#### Note

- If the options on this machine are not configured as instructed, LAN-Fax functions may fail.
- If this machine is connected to a network, configuration of each option installed on the machine will be performed automatically. If the settings do not match the installed optional units, click [Update Now].

# 5. Troubleshooting

This chapter provides solutions for driver installation and USB connection problems.

## Messages Displayed When Installing the Printer Driver

This section describes what to do if a message appears when installing the printer driver.

Message number 58 or 34 indicates that the printer driver cannot be installed using Auto Run. Install the printer driver using Add Printer Wizard.

Message number 58 appears if there is a newer version of the printer driver already installed.

### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

### 2. Click [Add a printer].

### 3. Follow the instructions in Add Printer Wizard.

If the CD-ROM drive is D, the source files of the printer driver are stored in the following locations:

- PCL 5e  
32-bit driver D:\X86\DRIVERS\PCL5E\X86\Language\DISK1  
64-bit driver D:\X64\DRIVERS\PCL5E\X64\Language\DISK1
- PCL 6  
32-bit driver D:\X86\DRIVERS\PCL6\X86\MUI\DISK1  
64-bit driver D:\X64\DRIVERS\PCL6\X64\MUI\DISK1
- PostScript 3  
32-bit driver D:\X86\DRIVERS\PS\X86\MUI\DISK1

64-bit driver D:\X64\DRIVERS\PS\X64\MUI\DISK1

For details about the languages supported in the printer drivers, see page 6 "Supported languages".

#### 4. Specify a port.

##### Note

- Available ports vary according to your Windows operating system or the type of interface. For details, see page 11 "Confirming the Connection Method".

## If USB Connection Fails

This section describes how to troubleshoot a problem related to USB connections.

Problem	Causes	Solutions
The machine is not automatically recognized.	The USB cable is not connected properly.	Disconnect the USB cable from the computer, and then turn off the main power switch. Turn on the main power switch again. When the machine has fully booted up, reconnect the USB cable.
The machine does not recognize the USB connection even when a USB cable is inserted.	Windows has already configured the USB settings.	Check whether the computer has identified the machine as an unsupported device.  Open Windows' Device Manager, and then, under [Universal Serial Bus controllers], remove any conflicting devices. Conflicting devices have a [!] or [?] icon by them. Take care not to accidentally remove required devices. For details, see Windows Help.
The machine does not recognize the USB connection even when a USB cable is inserted.	If the USB cable is connected while the machine is off, the machine might not recognize the USB connection.	Press the operation switch, and then disconnect the USB cable from the computer. When the machine has returned to the ready condition, reconnect the USB cable.





# 6. Installing the Printer Driver Under OS X

This chapter explains how to install and configure the printer drivers for use on the OS X operating system.

## Installing the PPD Files

To print using the printer specific features under OS X, install the PPD files.

### ★ Important

- You need an administrator name and a password (phrase). For details, consult your network administrator.
- For the latest information on the corresponding operating system, see the "Readme.txt" file, located on the CD-ROM root directory.

1. Double-click the [Mac OS X] folder.
2. Double-click the [(brand name)] folder.
3. Double-click the [MacOSX PPD Installer] folder.
4. Double-click the package file icon.
5. Follow the instructions on the screen.

### ↓ Note

- The PPD files will be automatically installed in the following location:
  - \Library\Printers\PPDs\Contents\Resources\

## Registering the Printer

To use the machine, the printer must be registered in the printer list.

Make sure the machine and computer are connected and turned on, and perform the following procedure.

For details about how to connect the machine to the computer, see "Connecting the Machine", Connecting the Machine/ System Settings.

### ↓ Note

- When printing with a USB connection to a Macintosh computer, the printer language does not change automatically. Use the control panel on this machine to change the printer language to [Auto] or [PS] before printing.
- The operating procedure under OS X differs depending on the version of the operating system. Consult the procedure described in this manual, and make the necessary settings according to the manual of each version.
- Setting procedures using OS X 10.11 are shown as an example. The actual procedure may differ depending on the OS X version you are using.

---

## USB Connection

---

### ★ Important

- Make sure the computer and the printer are connected using the USB cable, and the power of the devices are turned on beforehand.

1. Start System Preferences.

2. Click [Printers & Scanners].

3. Click the [+] button.

If [Add Printer or Scanner...] appears, click it.

4. Click [Default].

5. Select the printer that has "USB" indicated in the [Kind] column.

6. Select the printer you are using from the [Use:] pop-up menu.

If the printer you are using is not selected in [Use:], select its manufacturer in the [Select Software...] pop-up menu, and then select the PPD file of the printer. For the location of the PPD files, see page 43 "Installing the PPD Files".

7. Click [Add].

If the option settings need to be configured, click [Configure...] in the dialog box that appears, and then configure the option settings.

8. Quit System Preferences.

---

## Network Connection

---

1. **Start System Preferences.**

2. **Click [Printers & Scanners].**

3. **Click the [+] button.**

If [Add Printer or Scanner...] appears, click it.

4. **Click [Default].**

5. **Select the printer that has "Bonjour" indicated in the [Kind] column.**

If the printer name is not displayed, select the icon that corresponds to your network environment (TCP/IP, etc.).

6. **Select the printer you are using from the [Use:] pop-up menu.**

If the printer you are using is not selected in [Use:], select its manufacturer in the [Select Software...] pop-up menu, and then select the PPD file of the printer. For the location of the PPD files, see page 43 "Installing the PPD Files".

7. **Click [Add].**

If the option settings need to be configured, click [Configure...] in the dialog box that appears, and then configure the option settings.

8. **Quit System Preferences.**

# Configuring Option Settings for the Printer Under OS X

This section explains how to configure the printer driver.

1. **Start System Preferences.**
2. **Click [Printers & Scanners].**
3. **Select the printer you are using, and then click [Options & Supplies...].**
4. **Click [Options], and then configure settings as needed.**
5. **Click [OK].**
6. **Quit System Preferences.**

## ↓ Note

- If the option you want to select is not displayed, PPD files may not be set up correctly. To complete the setup, check the name of the PPD file displayed in the dialog box.
- Setting procedures using OS X 10.11 are shown as an example. The actual procedure may differ depending on the OS X version you are using.
- To specify an optional Adobe PostScript when using a PostScript 3 printer driver, select [Adobe PostScript] in the "PostScript:" list on the [Accessories] tab.

# 7. Appendix

---

## Updating or Deleting the Driver

### ★ Important

- Administrator permission is required to update or delete the driver in use. Log on as an Administrators group member.
- For driver updates, select a driver that is compatible with the printer and driver type you are using. An error may result if you select a driver that is not compatible with the printer and driver type.

### ↓ Note

- If the [User Account Control] dialog box appears, click [Yes] or [Continue].
- If the [Windows Security] dialog box appears, click [Install this driver software anyway].

---

## Updating the Driver

---

### Printer driver / LAN-Fax driver

---

You can download the most recent version of the driver from the manufacturer's Web site. Download the latest driver, and then perform the following procedure.

#### 1. Open the printer window.

- Windows Vista, Windows Server 2008:  
On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
- Windows 7, Windows Server 2008 R2:  
On the [Start] menu, select [Devices and Printers].
- Windows 8/8.1, Windows Server 2012/2012 R2:  
Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].
- Windows 10  
Right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

#### 2. Open the printer properties dialog box.

- Windows Vista, Windows Server 2008:  
Right-click the machine's icon, and then click [Properties].

- Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2:  
Right-click the machine's icon, and then click [Printer properties].

3. Click the [Advanced] tab.
4. Click [New Driver...], and then click [Next].
5. Click [Have Disk...].
6. Click [Browse...], and then select the driver location.
7. Click [OK].
8. Select the machine model, and then click [Next].
9. Click [Finish].

The driver update starts.

10. Click [Apply].
11. Click [OK] to close the printer properties window.
12. Restart the computer.

## PPD files (OS X), TWAIN driver

---

You can download the most recent version of the drivers from the manufacturer's Web site.

Delete the old version of the driver first, and then install the new driver. For details about how to delete the driver, see page 48 "Deleting the Driver".

---

## Deleting the Driver

---

### Printer driver / LAN-Fax driver

---

#### Windows Vista, Windows Server 2008

1. On the [Start] menu, select [Control Panel], and then click [Printers] in [Hardware and Sound] category.
2. Right-click the icon of the machine you want to delete, and then click [Delete].
3. On the [File] menu, point to [Run as administrator], and then click [Server Properties...].
4. Click the [Drivers] tab.
5. Select the driver you want to delete, and then click [Remove...].
6. Select [Remove driver and driver package.], and then click [OK].
7. Click [Yes].
8. Click [Delete].

9. Click [OK].
10. Click [Close] to close the print server properties window.

### Windows 7/8/8.1/10, Windows Server 2008 R2/2012/2012 R2

1. On the [Start] menu, click [Devices and Printers].

If you are using a computer that is running Windows 8/8.1 or Windows Server 2012/2012 R2, click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

If you are using a computer that is running Windows 10, right-click the [Start] button on the desktop, and then click [Control Panel]. When the [Control Panel] window appears, click [View devices and printers].

2. Right-click the icon of the machine you want to delete, and then click [Remove device].
3. Click [Yes].
4. Click any machine icon, and then click [Print server properties].
5. Click the [Drivers] tab.
6. Click the [Change Driver Settings] button if it is displayed.
7. Select the driver you want to delete, and then click [Remove...].
8. Select [Remove driver and driver package.], and then click [OK].
9. Click [Yes].
10. Click [Delete].
11. Click [OK].
12. Click [Close] to close the print server properties window.

### PPD files (OS X)

1. Start System Preferences.
2. Click [Printers & Scanners].
3. Select the printer you want to delete, click the [−] button.
4. Click [Delete Printer].

### TWAIN driver

1. Start uninstaller.

- Windows Vista/7, Windows Server 2008/2008 R2:  
On the [Start] menu, select [Control Panel], and then click [Uninstall a program].
- Windows 8/8.1, Windows Server 2012/2012 R2:

Click [Settings] on the Charm Bar, and then click [Control Panel]. When the [Control Panel] window appears, click [Uninstall a program].

- Windows 10

Right-click the [Start] button on the desktop, and then click [Programs and Features]. When the [Control Panel] window appears, click [Uninstall a program].

## **2. Remove the TWAIN driver.**

- Windows Vista/7/8/8.1/10, Windows Server 2008/2008 R2 /2012/2012 R2:
  1. Select the driver you want to delete.
  2. Click [Uninstall/Change] or [Uninstall].

## **3. Quit uninstaller.**



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MEMO

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MEMO

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MEMO







# Notes for Users

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This machine supports Mopria.

Mopria is a standard that allows an Android device to print over a wireless network. Your Android device will detect Mopria-accessible printers and MFPs automatically on the same network as the device.

For more information about Mopria, please visit: <http://mopria.org/how-to-print>.

If no connection can be established by using the following procedure, contact your service representative.

## ■ Printing with Mopria

### Notes on the Print Function

- When performing a print job using Mopria, configure the setting so that User Authentication is not used. For details, see "Administrator Login Method" in the Security Guide manual supplied with the main unit.
- When printing with Mopria, multiple jobs cannot be accepted at a time. After printing a current job, proceed to print the next job.

If you cannot use Mopria, check that IPP and Bonjour are enabled. [Active] is specified as the default. For details about login, see "Administrator Login Method", Security Guide.

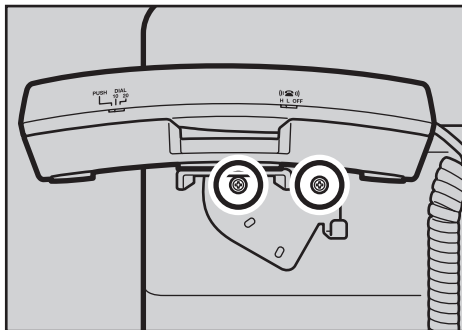
### Configuration Procedure for Printing using Mopria

1. Log in to Web Image Monitor as a network administrator.
2. Point to [Device Management], and then click [Configuration].
3. Click [IPv4] in [Network].
4. Check that [IPP] is set to [Active].  
If [Active] is not selected, select it.
5. Click [OK] to proceed.
6. Click [Bonjour] in [Network].
7. Check that either of [IPv4] or [IPv6] in [Bonjour] is set to [Active].  
If [Active] is not selected, select it.
8. Click [OK].



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# Note / Hinweis / Remarque / Nota / Notitie / Nota / 注意 / 注意 / 注意



MP 2553/3053/3353 series  
DSm1525/1530/1533 series

MP C2011/C1803/C2003/C2503/C3003/C3503/C4503/C5503/C6003/C2004/  
C2504/C3004/C3504/C4504/C5504/C6004 series  
DSc1120/1020/1025/1030/1045/1060/1220/1225/1230/1245/1260 series

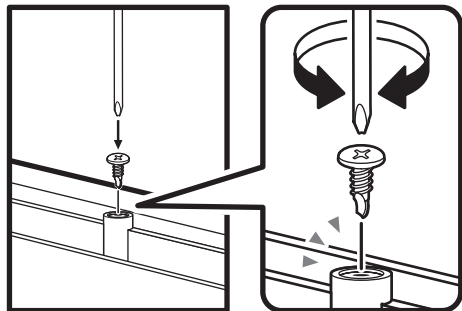


M3 x 12 (03603012N)

MP 2554/3054/3554/4054/5054/6054/2555/3055/3555/4055/5055/6055 series  
DSm2525/2530/2535/2540/2550/2560/2625/2630/2635/2640/2650/2660 series



M4 x 12 (03604012N)



DJW001



M5 x 13 (D3BR1100)



# Start Guide

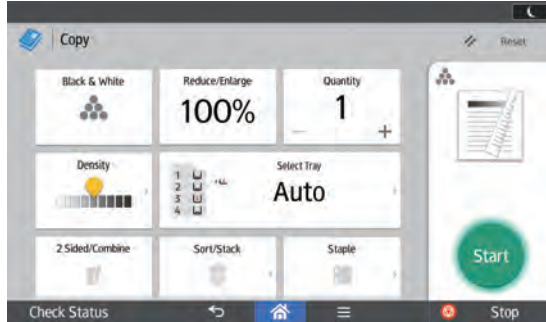
## 1 Introduction to the Applications' Screen

### Easy operation with simple screens

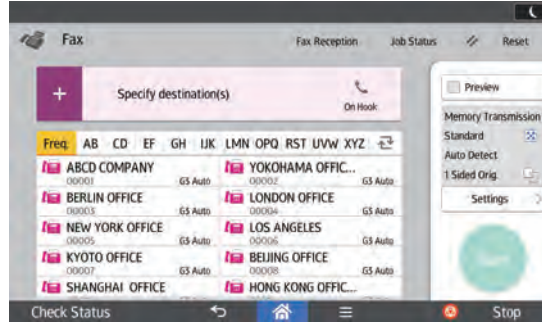
Frequently used functions and settings are shown on the top screen.



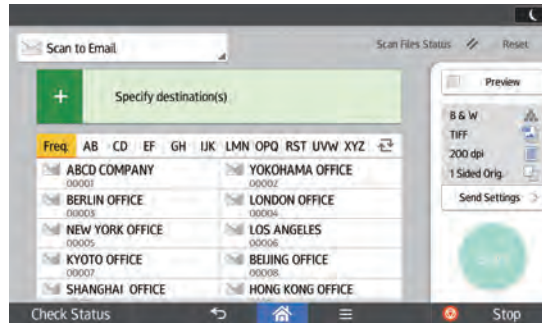
Copy



Fax



Scanner



For detailed information about the applications' screens that can be browsed on the control panel, see "How to Use Each Application", About This Machine. Alternatively, see Quick Reference Copy Guide, Quick Reference Fax Guide, and Quick Reference Scanner Guide on our website (<http://www.rioh.com/>).

Various types of operation screens are available.

#### Quick applications

You can easily set the basic operations.



#### Classic applications

You can select advanced functions and detailed settings.

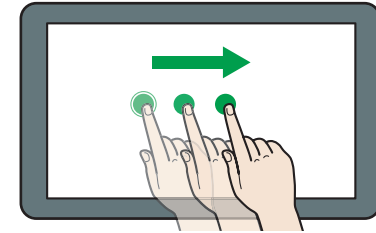


Read this manual carefully before you use this machine and keep it handy for future reference. For safe and correct use, be sure to read the Safety Information in Read This First before using the machine.

### Operations on the screen

#### ❖ Drag: Moving icons

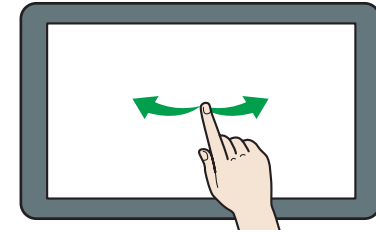
Slide your finger while pressing on the screen.



DNE111

#### ❖ Flick: Switching between screens

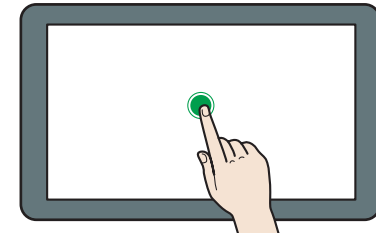
Flick your finger to the right or left on the screen.



DNE102

#### ❖ Long tap: Displaying a subscreen

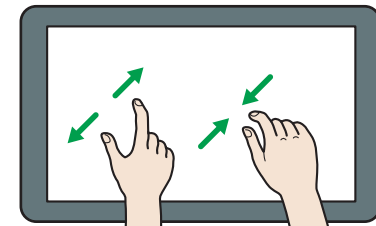
Place and hold your finger on the screen.



DNE101

#### ❖ Pinch-in/Pinch-out: Zooming in/out

Pinch or spread your thumb and forefinger on the screen.



DNE113



## 2 Logging In and Logging Out

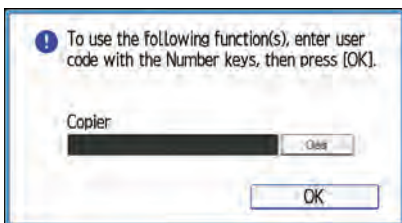
### ★ Important

- Ask the user administrator for the Login User Name, Login Password, and User Code.
- To prevent use of the machine by unauthorized persons, always log out when you have finished using the machine.

### ■ When User Code Authentication is active

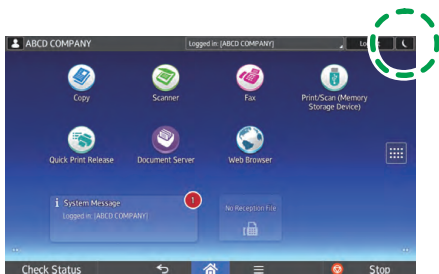
#### ❖ Login

Enter a User Code (up to eight digits), using the soft keyboard that appears and then press [OK].



#### ❖ Logout

Press [ ] on the top right on the screen.



### ■ When Basic Authentication, Windows Authentication, or LDAP Authentication is active

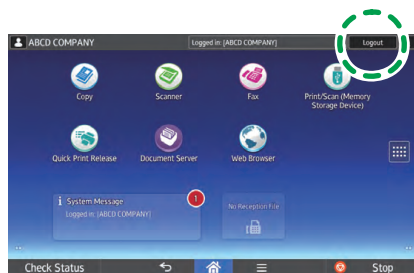
#### ❖ Login

Press [Login] on the top right on the screen. Enter a login user name and a password, and then press [Login].



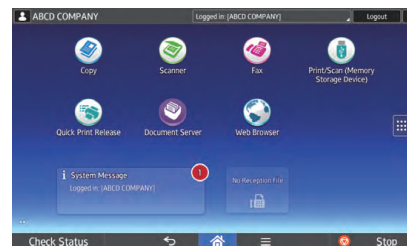
#### ❖ Logout

Press [Logout] on the top right on the screen.

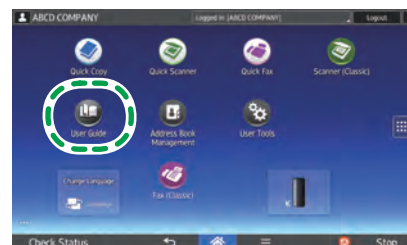


## 3 How to Read the Operating Instructions on the Control Panel

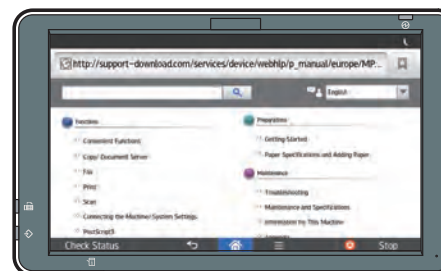
### 1 Flick to the left.



### 2 Press the [User Guide] icon.



The top page of the operating instructions appears on the control panel.



DKO001

### ↓ Note

- The machine must be connected to a network to display the operation instructions. If the machine is not connected to a network, browse the User Guide on our website (<http://www.rioh.com/>) from a computer or other device that can connect to a network.
- Some illustrations in this manual might be slightly different from the machine.

### ■ Changing the display language

You can change the language used on the screen. The language used in the operating instructions is the same as that used on the screen. If no operating instructions are provided written in the current display language, the operating instructions written in English are displayed on the screen. To change the display language, press [Change Langs. Widget] on the [Home] screen.

If there is no response when you touch the screen, contact your service representative.

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EN (GB) EN (US) EN (AU)

D298-7038

# Quick Reference Copy Guide

\* The shape of the machine and screen displays varies according to models.

## How to make Copies

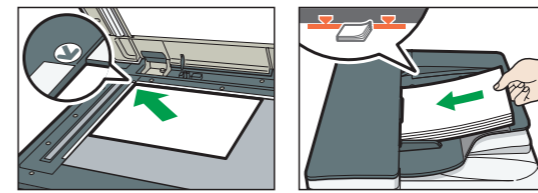
1. Press [Home] at the bottom of the screen in the Center.

2. Press the [Copy] icon on the Home screen.



3. Press [Reset].

4. Place the Originals.

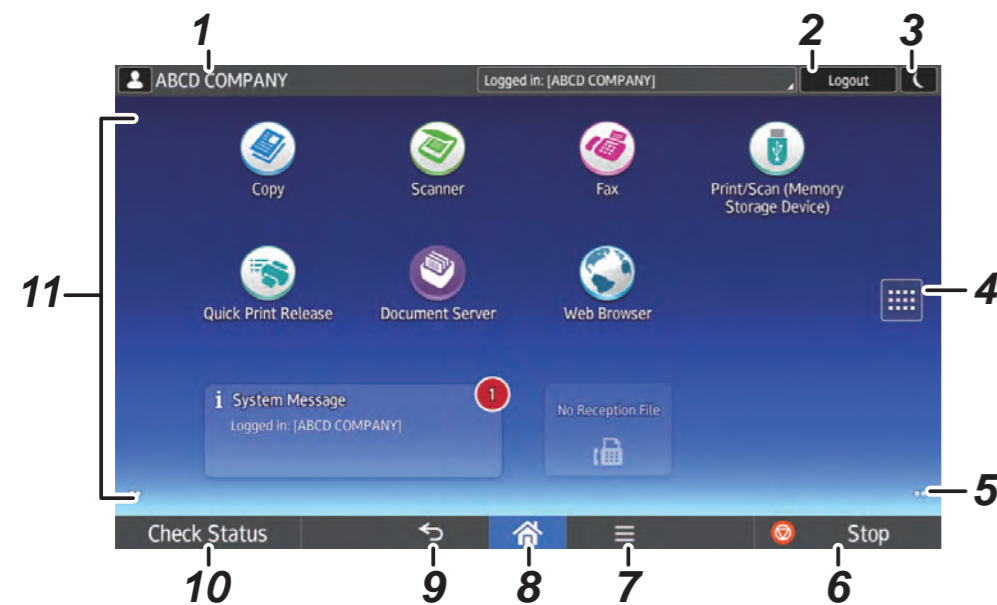


5. Flick the screen up and down, and make desired settings.

6. Enter the number of copies.

7. Press [Start].

## How to use the Control Panel

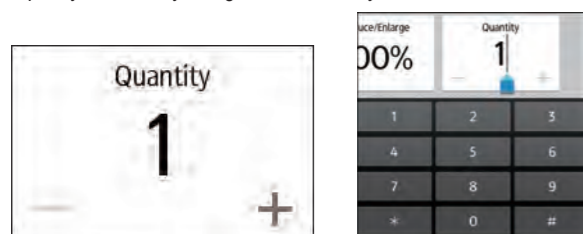


1. The name of the user who is logged in
2. [Login]/[Logout]
3. [Energy Saver]
4. Application list icon
5. Icons to switch between screens
6. [Stop]

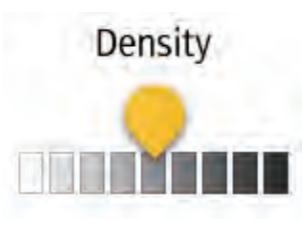
7. [Menu]
8. [Home]
9. [Return]
10. [Check Status]
11. Icon display area

## How to make settings

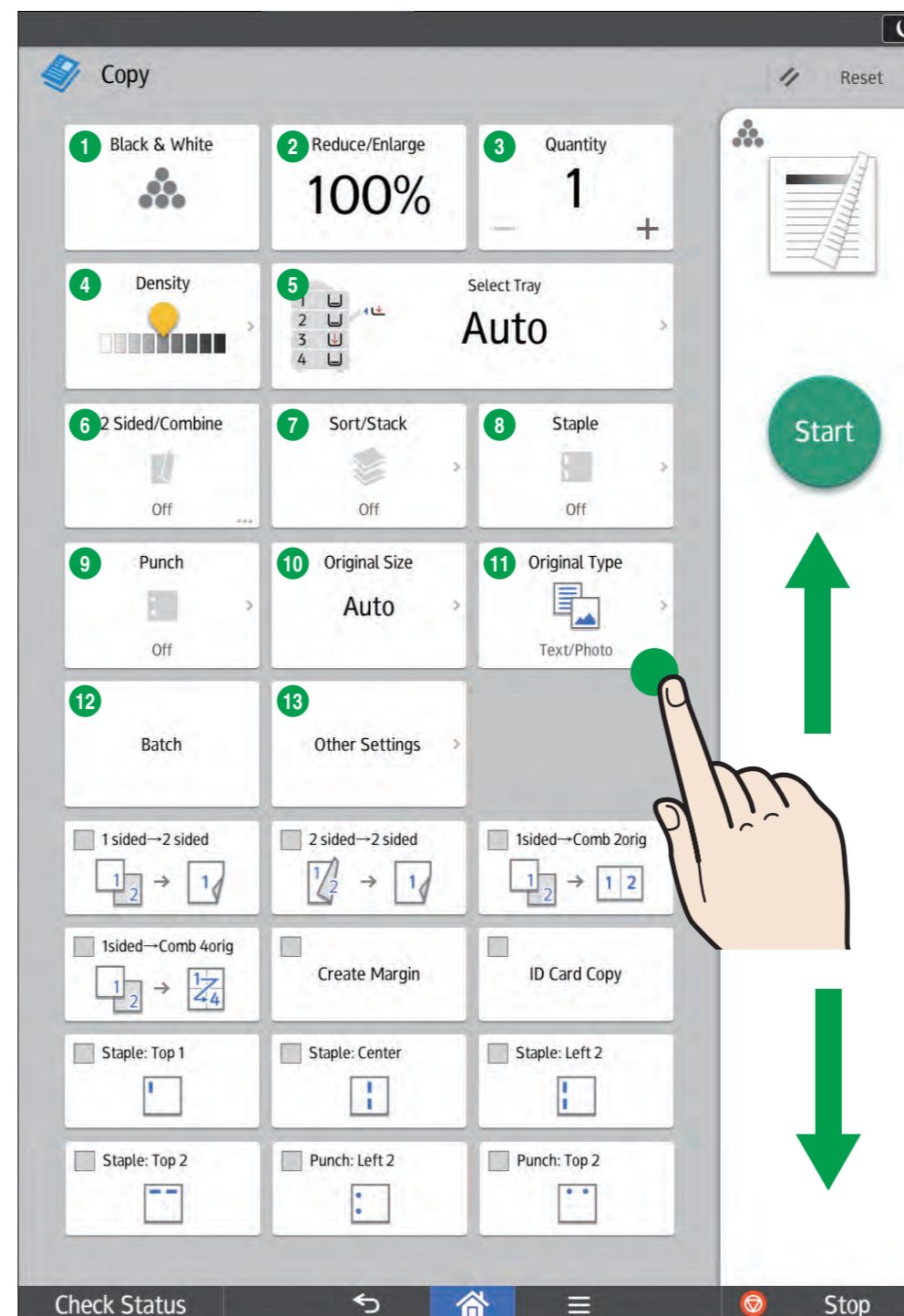
Specify the number of copies. You can also specify the number of copies you make by using the number keys.



Select the image density by flicking the screen.



## How to use the [Copy] screen



- 1 Color Mode
- 2 Reduce/Enlarge
- 3 Quantity
- 4 Adjust density
- 5 Select Tray
- 6 2 Sided/Combine
- 7 Sort/Stack
- 8 Staple
- 9 Punch
- 10 Original Size
- 11 Original Type
- 12 Batch
- 13 Other Settings
  - Series
  - Book
  - Spread 2 Sided
  - Stamp
  - Unauth. Copy Prev.
  - Margin Adjustment
  - Erase Center/Border
  - Erase Color
  - Adjust Color Balance
  - Adjust Color
  - Poster
  - Double Copies
  - Centering
  - Original Orientation

\* Settings vary depending on the models or options you use. For details, see "How to Use Each Application", Getting Started.

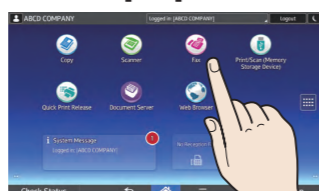
# Quick Reference Fax Guide

\* The shape of the machine and screen displays varies according to models.

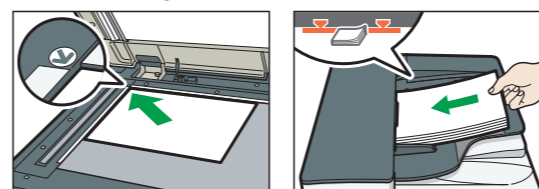
## How to send a fax

1. Press [Home] at the bottom of the screen in the Center.

2. Press the [Fax] icon on the Home screen.



3. Place the Originals.



4. Specify a destination.

5. Press [Settings].

6. Flick the screen up and down, and make the scan settings you require.

7. Press [Start].

## How to use the Control Panel



- |   |   |
|---|---|
| <p>1. <b>Display panel</b></p> <p>2. <b>[Login]/[Logout]</b></p> <p>3. <b>Main power indicator</b></p> <p>4. <b>[Energy Saver]</b></p> <p>5. <b>Application list icon</b><br/>Press to display the application list that contains shortcuts to the applications on the [Home] screen.</p> <p>6. <b>Icons to switch between screens</b></p> <p>7. <b>[Stop]</b><br/>Press to stop a job such as copying if it is in progress.</p> <p>8. <b>[Menu]</b><br/>Displays the menu screen of the application you are using. Depending on the application, this key may be disabled.</p> <p>9. <b>[Home]</b><br/>Press to display the [Home] screen.</p> | <p>10. <b>[Return]</b></p> <p>11. <b>Status indicator</b><br/>Indicates the status of the system. It stays lit when an error occurs or the toner runs out.</p> <p>12. <b>[Check Status]</b></p> <p>13. <b>Data In indicator (facsimile and printer mode)</b><br/>Flashes when the machine is receiving print jobs or LAN-Fax documents from a computer. See Fax and Print.</p> <p>14. <b>Fax indicator</b><br/>Indicates the status of the fax functions. Flashes during data transmission and reception. Stays lit when receiving a fax via Confidential or Substitute Reception.</p> <p>15. <b>Icon/Widget display area</b></p> <p>16. <b>Name of the Log-in User</b></p> |
|---|---|

## How to make settings



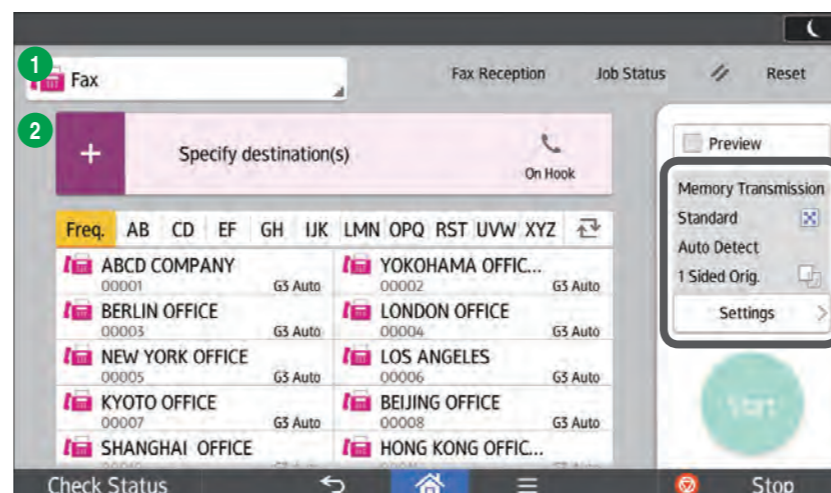
Press the radio button of the item you want to use.



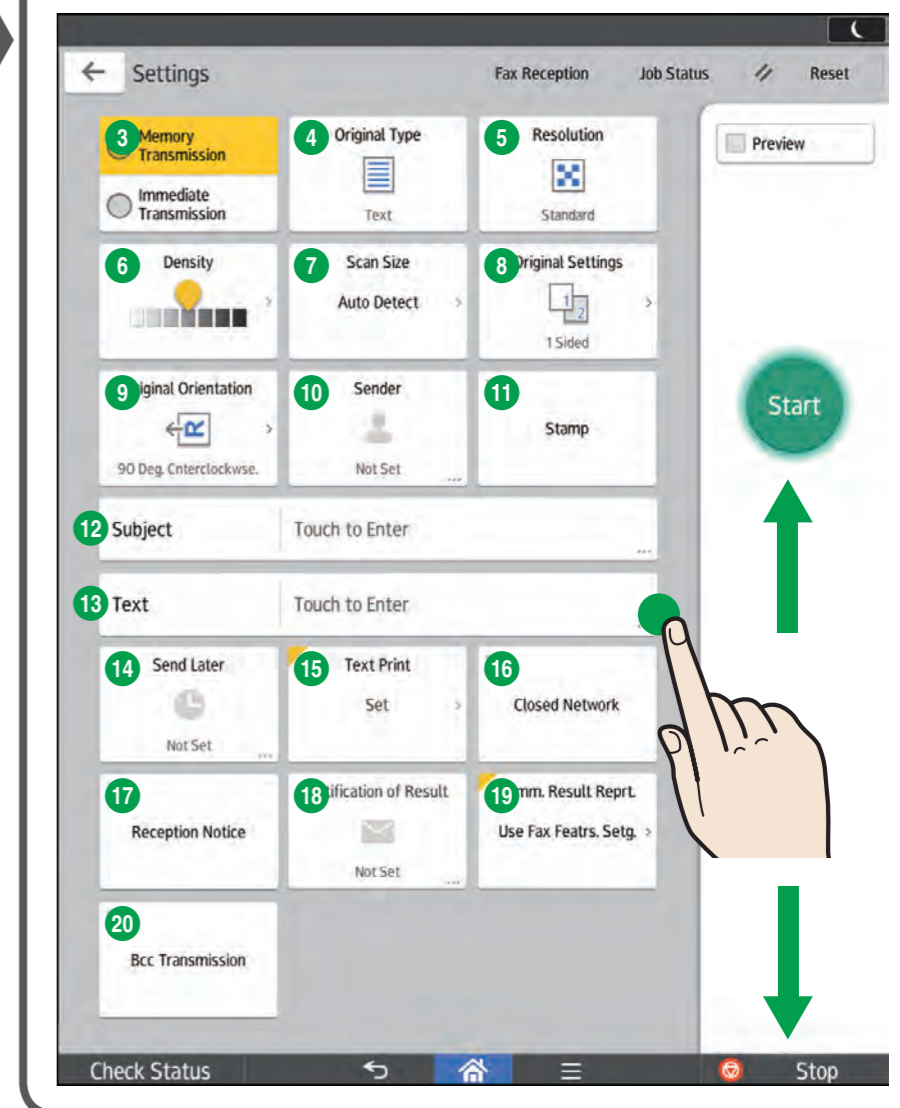
Select the image density by flicking the screen.

## How to use the [Fax] screen

### Top Menu



### Settings Menu



- |                                   |  |
|-----------------------------------|--|
| 1. <b>Type of Transmission</b> *1 | 11. <b>Stamp</b>                       |
| 2. <b>Add Destination</b>         | 12. <b>Subject</b>                     |
| 3. <b>Transmission Mode</b>       | 13. <b>Text</b>                        |
| 4. <b>Original Type</b>           | 14. <b>Send Later</b>                  |
| 5. <b>Resolution</b>              | 15. <b>Text Print</b>                  |
| 6. <b>Density</b>                 | 16. <b>Closed Network</b>              |
| 7. <b>Scan Size</b>               | 17. <b>Reception Notice</b>            |
| 8. <b>Original Settings</b>       | 18. <b>Notification of Result</b>      |
| 9. <b>Original Orientation</b>    | 19. <b>Communication Result Report</b> |
| 10. <b>Sender</b>                 | 20. <b>BCC Transmission</b>            |

\* Settings vary depending on the models or options you use. For details, see "How to Use Each Application", Getting Started.

\*1 To use Internet Fax, you must set [Internet Fax Setting] in [Fax Features] to [On].

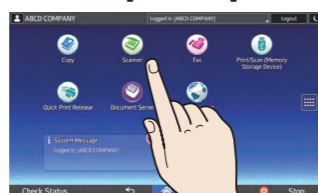
# Quick Reference Scanner Guide

\* The shape of the machine and screen displays varies according to models.

## How to make Scans

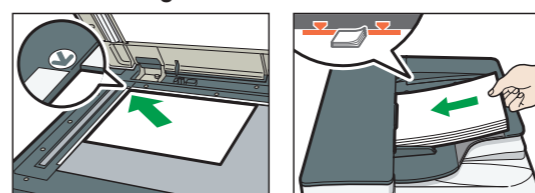
1. Press [Home] at the bottom of the screen in the Center.

2. Press the [Scanner] icon on the Home screen.



3. Press [Reset].

4. Place the Originals.



5. Press [Send Settings].

6. Flick the screen up and down, and make desired settings.

7. Press [Start].

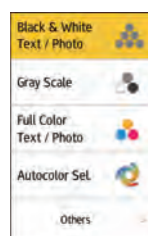
## How to use the Control Panel



1. Display panel
2. [Login]/[Logout]
3. Main power indicator
4. [Energy Saver]
5. Application list icon  
Press to display the application list that contains shortcuts to the applications on the [Home] screen.
6. Icons to switch between screens
7. [Stop]  
Press to stop a job such as copying if it is in progress.
8. [Menu]  
Displays the menu screen of the application you are using. Depending on the application, this key may be disabled.
9. [Home]  
Press to display the [Home] screen.
10. [Return]
11. Status indicator  
Indicates the status of the system. It stays lit when an error occurs or the toner runs out.
12. [Check Status]
13. Icon/Widget display area
14. Name of the Log-in User

## How to make settings

From the drop down menu, select the item you want to use.

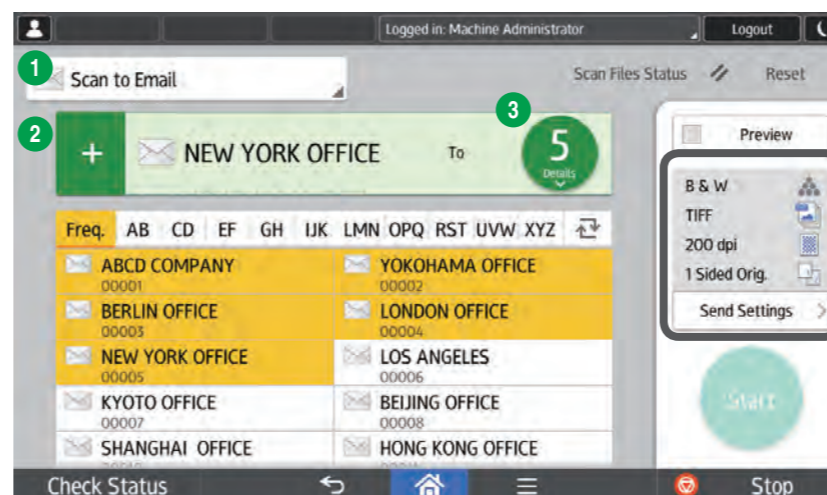


Select the image density by flicking the screen.

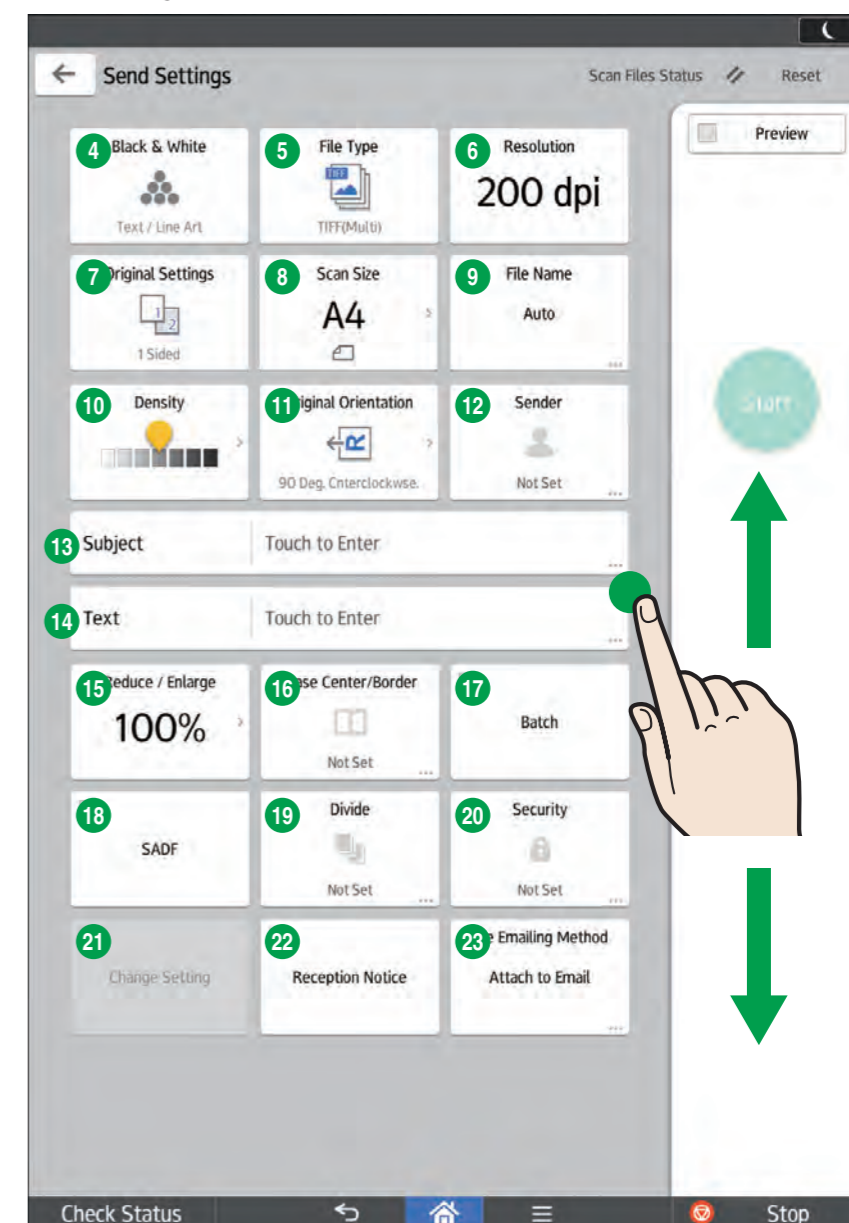


## How to use the [Scanner] screen

### Top Menu



### Send Settings Menu



- 1 File Emailing Method
- 2 Add Destination
- 3 Total Number Of Destinations
- 4 Color Mode
- 5 File Type
- 6 Resolution Settings
- 7 Original Settings
- 8 Scan Size
- 9 File Name Mode
- 10 Density
- 11 Original Orientation
- 12 Sender Select
- 13 Subject Input
- 14 Text Input
- 15 Reduce / Enlarge
- 16 Erase Center / Border
- 17 Batch
- 18 SADP
- 19 Divide
- 20 Security Settings
- 21 Change Setting
- 22 Reception Notice
- 23 File Emailing Method

\* Settings vary depending on the models or options you use.  
For details, see "How to Use Each Application", Getting Started.