

C9065/C9075
MP C6501sp/C7501sp
LD365C/LD375C
Aficio™ MP C6501sp/C7501sp

Operating Instructions Copy and Document Server Reference

For information not in the printed manual, refer to the HTML/PDF files on the supplied CD-ROM.



- 1 Placing Originals
- 2 Basic Copying
- 3 Color Copying
- 4 Advanced Copying
- 5 Connect Copy
- 6 Document Server
- (7) Copier and Document Server Features
- 8 Appendix

Documentation for This Machine

About This Machine	🗻 💿
Troubleshooting	
Copy and Document Server Reference (This manual)	
Facsimile Reference	
Sending and receiving faxes	
Using the fax function through a computer	
Changing the default settings of the fax function, and related information	
Printer Reference	
Installing the driver for the printer function	
Changing the default settings of the printer function, and related information	
Scanner Reference	
Sending scan files	
Storing scan files	
Changing the default settings of the scanner function, and related information	
Network and System Settings Reference	
Connecting to a network	
Registering addresses for fax/scanner functions	
Changing the default settings of the system, and related information	
Security Reference	
PostScript 3 Supplement	
VM Card Extended Feature Settings Device Reference	
VM Card Extended Feature Settings Web Reference	
Quick Reference Copy Guide	
Quick Reference Printer Guide	
Quick Reference Fax Guide	
Quick Reference Scanner Guide	
App2Me Start Guide	

TABLE OF CONTENTS

Documentation for This Machine	1
Manuals for This Machine	8
Notice	10
Important	10
Available Color Functions	11
Color Copying	11
Stamping on Copies	13
Adjusting Colors	14
Adjusting Image Qualities	15
How to Read This Manual	17
Symbols	17
Names of Major Items	17
Notes	18
Laws and Regulations	19
Legal Prohibition	19
Functions Requiring Optional Configurations	20
Display Panel	21
Simplified Display	22
1. Placing Originals	
Originals	25
Sizes and Weights of Recommended Originals	25
Sizes Detectable with Auto Paper Select	26
Missing Image Area	29
Placing Originals	30
Original Orientation	30
Left Original Beeper	32
Placing Originals on the Exposure Glass	32
Placing Originals in the Auto Document Feeder	33
Batch Mode	35
SADF Mode	35
Mixed Sizes Mode	
Specifying Original Sizes	38

2. Basic Copying

Basic Procedure	41
Interrupt Copy	42
Copy Face Up	43
Auto Start	45
Job Preset	45
Copying onto Tab Stock	46
Copying from the Bypass Tray	49
Copying onto Regular Size Paper	51
Copying onto Custom Size Paper	52
Copying onto OHP Transparencies or Thin Paper	55
Copying onto Thick Paper	55
Copying onto Tab Stock from the Bypass Tray	56
Copying onto Envelopes from the Bypass Tray	57
Copying from the Wide Large Capacity Tray	60
Copying onto Tab Stock from the Wide Large Capacity Tray	60
Reducing or Enlarging Originals	61
Preset Reduce / Enlarge	61
Zoom	62
Auto Reduce / Enlarge	65
Duplex Copying	68
Originals and Copy Orientation	71
Combined Copying	72
One-Sided Combine	72
Two-Sided Combine	76
Finishing	80
Sort	80
Stack	86
Staple	88
Punch	92
Fold	96
Ring Binding	109
Storing Data in the Document Server	113

Managing Jobs	115
Job List Screen	115
Checking Jobs in the Job List	116
Changing the Order of Jobs	117
Holding Jobs	117
Deleting Jobs	118
Checking the Job History	119
Registering Frequently Used Functions	120
Registering Functions in a Program	120
Changing a Stored Program	121
Recalling a Stored Program	122
Deleting a Stored Program	122
Changing the Default Functions of the Copy's Initial Display	124
3. Color Copying	
Color Functions	127
Selecting a Color Mode	127
Convert Colors	128
Erase Color	129
Color Background	131
Adjusting Color and Image Quality	132
Color Balance	132
Color Balance Program	133
Color Adjustment	135
Image Adjustment	136
User Color	140
4. Advanced Copying	
Adjusting Copy Image Density	145
Auto Image Density	145
Manual Image Density	145
Combined Auto and Manual Image Density	146
Selecting the Original Type	147
Selecting Copy Paper	
Auto Paper Select	

Manual Paper Select	151
Advanced Reduce / Enlarge Copying	152
Size Magnification	152
Directional Magnification (%)	153
Directional Size Magnification (inch)	156
Create Margin	157
Stamps	159
Background Numbering	159
Preset Stamp	160
User Stamp	163
Date Stamp	169
Page Numbering	172
Stamp Text	179
Advanced Copier Functions	183
Scan Position	183
Margin Adjustment	184
Erase Center / Border	186
Erase Inside	192
Erase Outside	194
Image Repeat	196
Double Copies	199
Centering	201
Positive/Negative	202
Mirror Image	203
3 Edges Full Bleed	204
Series Copies	205
Booklet/Magazine	207
Creep Adjustment	212
Mix 1 & 2 Sided	213
Covers	215
Designate	218
Chapters	220
Designation Sheet Copy	221

Insert Sheet	223
Slip Sheet	224
5. Connect Copy	
What is Connect Copy?	227
How It Works	227
Connect Copy Display Panel	231
Display of the sub-machine	232
Using Connect Copy	233
Order of Copy Output	235
Exiting Connect Copy	236
Printing Stored Documents Using Connect Print	236
Using Job Preset in Connect Copy	239
Connect Copy Job Flow	241
When One of the Two Machines is Idle	241
When Both Machines are in Use	243
6. Document Server	
Relationship between Document Server and Other Functions	247
Document Server Display	248
Simplified Display	249
Preview Display	250
Using the Document Server	252
Storing Data	252
Changing the User Name of a Stored Document	256
Changing the File Name of a Stored Document	257
Changing the Password of a Stored Document	258
Checking the Details of a Stored Document	258
Searching for Stored Documents	259
Printing Stored Documents	261
Deleting a Stored Document	267
Displaying Stored Documents with Web Image Monitor	268
Downloading Stored Documents with Web Image Monitor	269
Registering Frequently Used Functions for Printing Stored Documents from the	e Document Server
	270

Changing the Default Functions of the Document Server's Initial Display	270	
7. Copier and Document Server Features		
Accessing User Tools	273	
Changing Default Settings	273	
Quitting User Tools	274	
General Features	275	
Reproduction Ratio	280	
Edit	282	
Stamp	288	
Background Numbering	288	
Preset Stamp	288	
User Stamp	290	
Date Stamp	292	
Page Numbering	293	
Stamp Text	295	
Input/Output	298	
Adjust Color Image	303	
Administrator Tools	305	
8. Appendix		
Function Compatibility	307	
Trademarks	311	
INDEX	313	

Manuals for This Machine

Read this manual carefully before you use this machine.

Refer to the manuals that are relevant to what you want to do with the machine.

Important

- Media differ according to manual.
- The printed and electronic versions of a manual have the same contents.
- Adobe Acrobat Reader/Adobe Reader must be installed in order to view the manuals as PDF files.
- A Web browser must be installed in order to view the html manuals.

About This Machine

Before using the machine, be sure to read the section of this manual entitled Safety Information.

This manual introduces the machine's various functions. It also explains the control panel, preparation procedures for using the machine, how to enter text, how to install the CD-ROMs provided, and how to replace paper, toner, staples, and other consumables.

Troubleshooting

Provides a guide for resolving common usage-related problems.

Copy and Document Server Reference

Explains Copier and Document Server functions and operations. Also refer to this manual for explanations on how to place originals.

Facsimile Reference

Explains Facsimile functions and operations.

Printer Reference

Explains Printer functions and operations.

Scanner Reference

Explains Scanner functions and operations.

Network and System Settings Reference

Explains how to connect the machine to a network, configure and operate the machine in a network environment, and use the software provided. Also explains how to change User Tools settings and how to register information in the Address Book.

Security Reference

This manual is for administrators of the machine. It explains security functions that you can use to prevent unauthorized use of the machine, data tampering, or information leakage. For enhanced security, we recommend that you first make the following settings:

- Install the Device Certificate.
- Enable SSL (Secure Sockets Layer) Encryption.

• Change the user name and password of the administrator using Web Image Monitor.

For details, see "Setting up the Machine", Security Reference.

Be sure to read this manual when setting the enhanced security functions, or user and administrator authentication.

PostScript 3 Supplement

Explains how to set up and use PostScript 3.

VM Card Extended Feature Settings Device Reference

Explains how to set up the extended features settings with the machine.

VM Card Extended Feature Settings Web Reference

Explains how to set up the extended features settings using Web Image Monitor.

Other manuals

- UNIX Supplement
- · Quick Reference Copy Guide
- Quick Reference Printer Guide
- Quick Reference Fax Guide
- Quick Reference Scanner Guide
- App2Me Start Guide



- Manuals provided are specific to machine types.
- For "UNIX Supplement", please visit our Web site or consult an authorized dealer. This manual includes descriptions of functions and settings that might not be available on this machine.

Notice

Important

In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

For good copy quality, the supplier recommends that you use genuine toner from the supplier.

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

Available Color Functions

This section introduces the machine's color functions that you are likely to use most often.

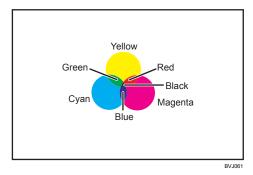
Color Copying

You can switch the color copy mode depending on the type of originals used and the desired finish.

You can also erase or convert a certain color in the original, or add a background color to the whole page. See p.127 "Selecting a Color Mode".

Primary Colors

Colors can be created by combining the three primary colors: yellow, magenta, and cyan. Black can be made by combining yellow, magenta and cyan, however, as there might be some slight differences, "black" will be expressed using a black toner.



Full Color

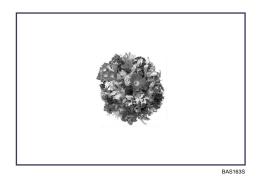
Copies using four colors: yellow, magenta, cyan, and black.



BAS164S

Black & White

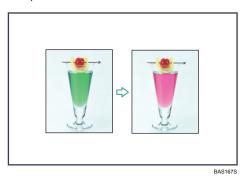
Copies in black and white even if the original is colored.



Convert Colors

Copies by changing a certain color in the original to another color.

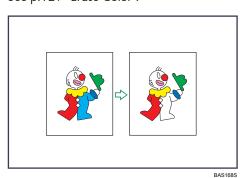
See p.128 "Convert Colors".



Erase Specified Color

Copies by erasing a certain color in the original.

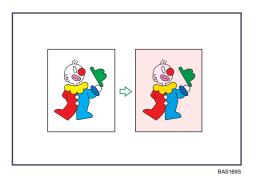
See p.129 "Erase Color".



Color Background

Copies by adding a color to the whole page.

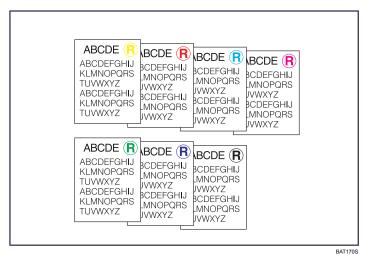
See p.131 "Color Background".



Stamping on Copies

Copies with the date, page numbers, etc.

The stamp color can be yellow, red, cyan, magenta, green, blue, and black.



Printed inserts types:

Background Numbering

See p.159 "Background Numbering".

Preset Stamp

See p.160 "Preset Stamp".

User Stamp

See p.290 "User Stamp".

Date Stamp

See p.169 "Date Stamp".

Page Numbering

See p.172 "Page Numbering".

Stamp Text

See p.179 "Stamp Text".

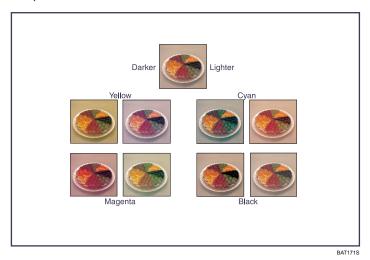
Adjusting Colors

You can adjust the color tone of copies.

Color Balance

Adjusts the overall color tone of copies.

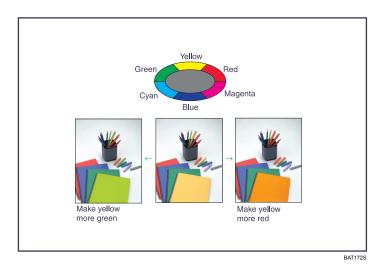
See p.132 "Color Balance".



Adjust Color

Adjusts the specific colors (yellow, red, magenta, blue, cyan and green) by mixing them with adjacent colors in the color circle.

See p.135 "Color Adjustment".



Adjusting Image Qualities

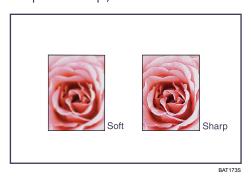
You can adjust image qualities.

See p.136 "Image Adjustment".

Sharp/Soft

Adjusts the outline of an image.

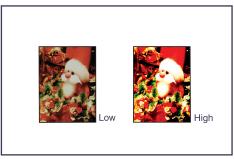
See p.137 "Sharp / Soft".



Contrast

Adjusts the shades of an image.

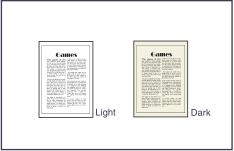
See p.138 "Contrast".



BAT174

Background Density

Adjusts the background density of an image. See p.138 "Background Density".



BAT175S

How to Read This Manual



• For proper use of this product, be sure to read About This Machine first.

Symbols

This manual uses the following symbols:



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.



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 in book form.



Indicates instructions in sheet form.



Indicates instructions stored in a file on a provided CD-ROM.

Names of Major Items

Major items of this machine are referred to as follows in this manual:

- Auto document feeder→ADF
- Large capacity tray→LCT
- Wide large capacity tray→Wide LCT

Notes

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

Two kinds of size notation are employed in this manual. With this machine refer to the inch version.

Colors on color keys or the color circle may differ slightly from the colors of actual copies.

The color samples in this manual may differ slightly from the colors of actual copies.

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

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.

This machine comes in two models which vary in copy/print speed.

	Type 1	Type 2
Copy/print speed (Full Color)	60 sheets/minute (A4 \overline{D} , 8 $^{1}/_{2} \times 11\overline{D}$)	70 sheets/minute (A4 \mathbb{D} , 8 $^{1}/_{2} \times 11\mathbb{D}$)
Copy/print speed (B&W)	65 sheets/minute (A4 \overline{D} , 8 $^{1}/_{2} \times 11\overline{D}$)	75 sheets/minute (A4 \mathbb{D} , 8 $^{1}/_{2} \times 11\mathbb{D}$)

Laws and Regulations

Legal Prohibition

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.

This machine is equipped with a function that prevents making counterfeit bank bills. Due to this function the original images similar to bank bills may not be copied properly.

Functions Requiring Optional Configurations

Certain functions require special machine configuration and extra options as follows:

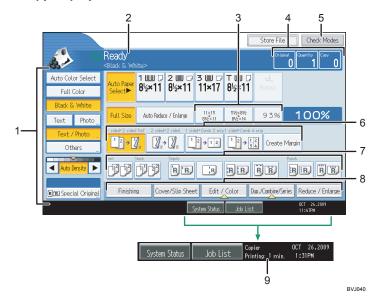
Function	Option
Copying onto tab stock from the paper trays	Tab sheet holder
Shift Sort	Finisher SR4030, Finisher SR4040, or Finisher SR5000
Stack	Finisher SR4030, Finisher SR4040, or Finisher SR5000
Staple	Finisher SR4030, Finisher SR4040, or Finisher SR5000
Staple (Center)	Finisher SR4040
Punch	Finisher SR4030 with punch unit, Finisher SR4040 with punch unit, or Finisher SR5000 with punch unit
Z-fold	Finisher SR4040 with multi-folding unit or Finisher SR5000 with multi-folding unit
Half Fold	Finisher SR4040 with multi-folding unit or Finisher SR5000 with multi-folding unit
Letter Fold-out	Finisher SR4040 with multi-folding unit or Finisher SR5000 with multi-folding unit
Letter Fold-in	Finisher SR4040 with multi-folding unit or Finisher SR5000 with multi-folding unit
Double Parallel Fold	Finisher SR4040 with multi-folding unit or Finisher SR5000 with multi-folding unit
Gate Fold	Finisher SR4040 with multi-folding unit or Finisher SR5000 with multi-folding unit
Ring Binding	Finisher SR5000 with ring binder
Connect Copy	Copy connector

Display Panel

The function items displayed serve as selector keys. You can select or specify an item by lightly pressing them.

When you select or specify an item on the display panel, it is highlighted like formula. Keys appearing as cannot be used.

Initial copy display



- 1. Use this area to specify the original type, color mode, image density level, and other settings.
- 2. Displays operational status and messages.
- 3. You can register up to three frequently used reduce/enlarge ratios other than the preset ratios under Reproduction Ratio in User Tools. For details, see "Reproduction Ratio".
- 4. Displays the numbers of originals scanned, copies set, and copies made.
- 5. Press the key to confirm the current settings.
- 6. Displays the Shortcut keys. You can register frequently used functions under General Features in User Tools. For details, see "General Features".
- 7. Displays Sort, Stack, Staple, and Punch functions.
- 8. Displays available functions. Press a function to display its menu. When you select a function, a clip mark is displayed under the key.
- Displays the estimated time of completion for the scanning and printing of a copy job. This time does not change, even if the job is interrupted.



 The illustration is an example of the panel display when Finisher SR4040, the LCT, and the multifolding unit are installed.

■ Reference

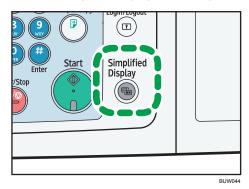
- p.275 "General Features"
- p.280 "Reproduction Ratio"

Simplified Display

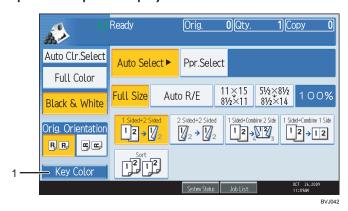
This section explains how to switch to the simplified display.

When you press the [Simplified Display] key, the screen changes from the initial display to the simplified display.

Letters and keys are displayed at a larger size, making operations easier.



Example of a simplified display



1. [Key Color]

Press to increase screen contrast by changing the color of the keys.

This is available only for the simplified display.



- To return to the initial display, press the [Simplified Display] key again.
- Certain keys do not appear on the simplified display.

1. Placing Originals

This chapter describes the types of originals you can set and how to place originals.

Originals

This section describes the types of originals that can be placed, paper sizes that are automatically detected, and missing image area.



As the color of markers or highlighters is difficult to reproduce, the copy might not come out depending
on the color or a different color might be copied.

Sizes and Weights of Recommended Originals

The following describes recommended paper sizes and non-recommended originals for the ADF (Auto Document Feeder):

Metric version

Original location	Original size	Original weight
Exposure glass	Up to A3	-
ADF	One-sided originals: A3 - B6 JIS (Japanese Industrial Standard)	40 - 128 g/m ² (35 - 110 kg)
	Two-sided originals: A3□ - A5□□	52 - 128 g/m ² (45 - 110 kg)

Inch version

Original location	Original size	Original weight
Exposure glass	Up to 11 × 17	-
ADF	One-sided originals: $11 \times 17 \square - 5^1/_2 \times 8^1/_2 \square \square$	11 - 34 lb. Bond
	Two-sided originals: $11 \times 17 \square - 5^1/_2 \times 8^1/_2 \square \square$	14 - 34 lb. Bond



- Following are the maximum numbers of originals (sheets) you can load in the ADF.
 - 250 (paper weight up to 69 g/m², 18 lb. Bond)*1

• 150 (paper weight up to 80 g/m², 20 lb. Bond)

Non-compatible originals for the Auto Document Feeder

Placing unsuitable originals in the ADF can cause paper misfeeds or black lines, or result in damage to the originals.

Place the following types of originals on the exposure glass instead.

- Originals other than those specified on "Sizes and Weights of Recommended Originals"
- Stapled or clipped originals
- Perforated or torn originals
- Curled, folded, or creased originals
- Pasted originals
- Originals with any kind of coating, such as thermal fax paper, art paper, aluminum foil, carbon paper, or conductive paper
- · Originals with perforated lines
- Originals with indexes, tags, or other projecting parts
- Sticky originals such as translucent paper
- Thin or highly flexible originals
- Thick originals such as postcards
- Bound originals such as books
- Transparent originals such as OHP transparencies or translucent paper
- · Originals that are still wet with ink or correction fluid



• The original might become dirty if it is written with a pencil or a similar tool.

Sizes Detectable with Auto Paper Select

This section describes sizes detectable by the exposure glass and ADF.

^{* 1} Varies depending on the type and condition of the paper.

Metric version

Size Original location	A3₽	B4 JIS □	A4D	B5 JIS □□	A5□ □	B6 JIS ₽₽	11 × 17口	8 ¹ / ₂ × 11DD	8 ¹ / ₂ × 13□
Exposure glass	O*1	O*1	O *2, *3	O*2	×*4	×	×	×	O*7
ADF	0	0	0	0	0	0	O*5	O*6	O*7

O: Detectable size ×: Undetectable size

- *1 If you want to switch the detectable size from A3 or B4 JIS to 8K, contact your service representative.
- *2 If you want to switch the detectable size from A4 or B5 JIS to 16K, contact your service representative.
- *3 If you want to switch the detectable size from A4 to $8^{1}/_{2} \times 11$, contact your service representative.
- *4 If you want to make A5 or 16K size detectable, contact your service representative.
- *5 Default is 11 × 17. If you want to switch the detectable size from 11 × 17 to 8K, contact your service representative.
- *6 Default is $8^{1}/_{2} \times 11$. If you want to switch the detectable size from $8^{1}/_{2} \times 11$ to 16K, contact your service representative.
- *7 Default is $8^{1}/_{2} \times 13$. If you want to switch the detectable size from $8^{1}/_{2} \times 13$ to 8×13 or $8^{1}/_{4} \times 13$, contact your service representative.

Inch version

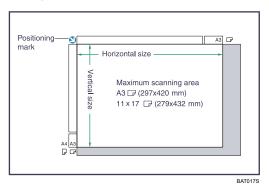
Size	400	A4DD	11 × 17□	8 ¹ / ₂ × 14 D	8 ¹ / ₂ × 11₽□	5 ¹ / ₂ × 8 ¹ / ₂ D	10 × 14 □	7 ¹ / ₄ ×
Original location	A3 □							10 ¹ / ₂
Exposure glass	×	×	0	0	O*3	×*6	×	×
ADF	0	0	O*1	O*2	O *4,*5	0	0	0

O: Detectable size ×: Undetectable size

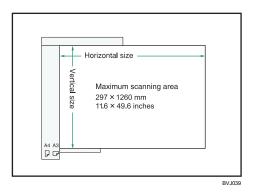
- *1 Default is 11×17 . If you want to switch the detectable size from 11×17 to 11×15 , contact your service representative.
- *2 Default is $8^{1}/_{2} \times 14$. If you want to switch the detectable size from $8^{1}/_{2} \times 14$ to $8^{1}/_{2} \times 13$, contact your service representative.
- *3 Default is $8^{1}/_{2} \times 11$. If you want to switch the detectable size from $8^{1}/_{2} \times 11$ to A4, contact your service representative.

- *4 Default is $8^{1}/_{2} \times 11^{\square}$. If you want to switch the detectable size from $8^{1}/_{2} \times 11^{\square}$ to $8 \times 10^{\square}$, contact your service representative.
- *5 Default is $8^{1}/_{2} \times 11^{1}$. If you want to switch the detectable size from $8^{1}/_{2} \times 11^{1}$ to $7^{1}/_{4} \times 10^{1}/_{2}$ contact your service representative.
- *6 If you want to make $8^{1}/_{2} \times 5^{1}/_{2} \square$ size detectable, contact your service representative.

Exposure glass



ADF



U Note

• When you copy custom size originals, make sure you specify the size of the originals. If not, the image may not be copied properly. For details about custom size originals, see "Custom sizes".

Reference

• p.39 "Custom sizes"

Sizes difficult to detect

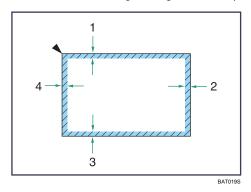
It is difficult for the machine to detect the sizes of the following originals, so select the paper size manually:

- Originals with indexes, tags, or other projecting parts
- Transparent originals such as OHP transparencies or translucent paper

- · Originals which partially contain a solid image
- · Originals which have solid images at their edges

Missing Image Area

Even if you place originals in the ADF or on the exposure glass correctly, margin of a few millimeters on all four sides of the original might not be copied.



- 1. 2 ± 2 mm (0.08 ± 0.08 inch)
- 2. 2 ± 2 mm (0.08 ± 0.08 inch)
- 3. $2 \pm 2 \text{ mm} (0.08 \pm 0.08 \text{ inch})$
- 4. 4.2 (+1.8/-1.2) mm (0.17 (+0.07/-0.05) inch)



- The total missing vertical image area (1+3) is less than 4.0 mm (0.16 inch).
- For paper that is 128 g/m² (34 lb. Bond) or heavier, the missing leading edge image area (4) is 4.2 \pm 1.5 mm (0.17 \pm 0.06 inch).

1

Placing Originals

This section describes the procedure for placing originals on the exposure glass and in the ADF.

Take care to place originals after any correction fluid and ink has completely dried. Not taking this precaution could cause marks on the exposure glass that will be copied onto paper.



• For original sizes you can place on the exposure glass and in the ADF, see "Originals".

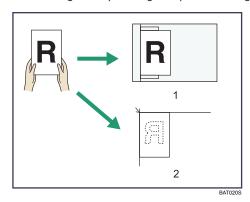
Reference

• p.25 "Originals"

Original Orientation

You can specify the original orientation if necessary.

When using the exposure glass, place the original face down. When using the ADF, place it face up.



1. ADF

2. Exposure glass

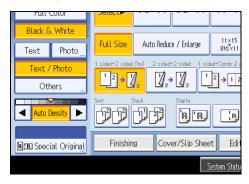
When you cannot place the original as the above, you may not make copies as you want with particular functions. If this happens, change the orientation by selecting the unreadable orientation.

- Unreadable orientation

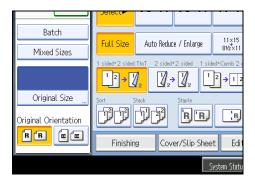
Select this mode when you want to copy A3 $^{\square}$, B4 JIS $^{\square}$, or 11 × 17 $^{\square}$ size originals. The machine rotates the copy image by 90 degrees and you can make copies as you want.

This is useful for copying large originals with the Staple, Duplex, Combine or Stamp functions. For example, to copy A3D or $11 \times 17D$ originals with the Staple function selected:

1. Press [Special Original].



2. Select the original orientation, and then press [OK].





• It is recommended that you use this function together with the Auto Paper Select or Auto Reduce / Enlarge function.

Left Original Beeper

The beeper sounds and an error message is displayed when you leave your originals on the exposure glass after copying.

You can change the beeper setting under Alert Sound: Original left on Exposure Glass in User Tools. For details, see "General Features".

■ Reference

• p.275 "General Features"

Placing Originals on the Exposure Glass

Place originals on the exposure glass.

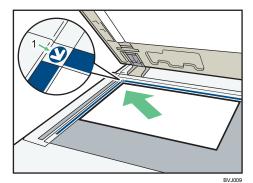


- Do not lift the ADF forcefully. Otherwise, the cover of the ADF might open or be damaged.
- 1. Lift the ADF.

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

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

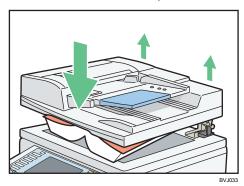
Start with the first page to be copied.



- 1. Positioning mark
- 3. Lower the ADF.

UNote

 When you place a thick book or three-dimensional original on the exposure glass and lower the ADF, the back side of the ADF rises up to accommodate the original. Keep your hands away from the hinges at the back of the ADF when you close it.



- You can specify the way in which copies are delivered when copying an original placed on the
 exposure glass under Copy Eject Face Method in Glass Mode in User Tools. For details, see "Input/
 Output".
- When the Sort, Combine, or 1 Sided → 2 Sided function has been set, press the [#] key after all originals have been scanned.

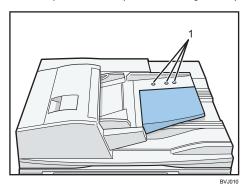
Reference

• p.298 "Input/Output"

Placing Originals in the Auto Document Feeder

Place originals in the ADF.

Be sure not to block the sensor or load the original untidily. Doing so may cause the machine to detect the size of the original incorrectly or 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.



1. Sensors

Settings should be made in the following situations:

When placing originals consisting of more than 150 pages:

See "Batch Mode".

When placing originals one by one:

See "SADF Mode".

When copying originals of various sizes:

See "Mixed Sizes Mode".

When placing custom size originals:

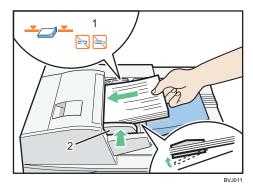
See "Custom sizes".

- 1. Adjust the document guides to the original size.
- 2. Set the aligned originals face up into the ADF.

Do not stack originals beyond the limit mark.

The first page should be on the top.

When originals are set in the ADF, the bottom plate rises automatically.



- 1. Limit mark
- 2. Document guide



- Straighten curls in the originals before placing them on the ADF.
- To prevent multiple sheets from being fed at once, fan the original before placing it on the ADF.
- Set the original squarely.

■ Reference

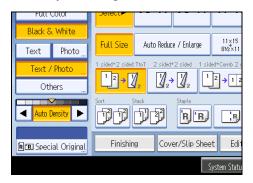
- p.35 "Batch Mode"
- p.35 "SADF Mode"
- p.36 "Mixed Sizes Mode"
- p.39 "Custom sizes"

Batch Mode

In Batch mode, the machine copies an original of more than 150 pages as one document, even if it is placed on the ADF in parts.

Mportant !

- Place special originals, such as translucent paper, one by one.
- 1. Press [Special Original].



- 2. Select [Batch], and then press [OK].
- 3. Place the first part of the original, and then press the [Start] key.
- After the first part of the original has been fed, place the next part, then press the [Start] key.

UNote

- When [SADF] is displayed instead of [Batch], specify the Batch mode under Switch to Batch in User Tools. For details about Switch to Batch, see "Input/Output".
- To copy subsequent originals in this mode, repeat step 4.
- When the Sort, Combine or 1 Sided → 2 Sided function has been set, press the [#] key after all
 originals have been scanned.
- You cannot switch between 1-sided and 2-sided originals during copying.

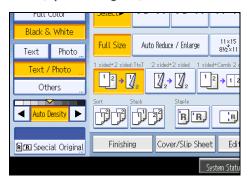
Reference

p.298 "Input/Output"

SADF Mode

In SADF mode, even when an original is placed page by page in the ADF, each page is automatically fed when placed.

1. Press [Special Original].



- 2. Select [SADF], and then press [OK].
- 3. Place one page of an original, and then press the [Start] key.
- 4. When the machine instructs you to place another original, place the next page.

 The second and subsequent pages will be fed automatically without pressing the [Start] key.



- When [Batch] is displayed instead of [SADF], specify the SADF mode under Switch to Batch in User Tools. For details about Switch to Batch, see "Input/Output".
- When the Sort, Combine or 1 Sided → 2 Sided function has been set, press the [#] key after all
 originals have been scanned.
- In SADF mode, an original must be set within a specified time after the previous original has been fed. You can adjust this time under SADF Auto Reset in User Tools. For details, see "Input/Output".
- You cannot switch between 1-sided and 2-sided originals during copying.

Reference

• p.298 "Input/Output"

Mixed Sizes Mode

If you apply this mode, you can place originals of different sizes together in the ADF. The machine will automatically detect the size of each original and copy it accordingly.

 When placing originals of different sizes in the ADF and making copies without using the Mixed Sizes mode, paper might become jammed or parts of the original image might not be copied.

The sizes of the originals that can be placed in this mode are follows:

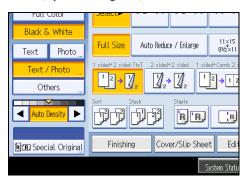
Metric version

A3D, A4DD, B4 JISD, B5 JISDD

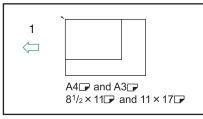
Inch version

$$11 \times 17^{\square}$$
, $8^{1}/_{2} \times 14^{\square}$, $8^{1}/_{2} \times 11^{\square}$

1. Press [Special Original].



- 2. Select [Mixed Sizes], and then press [OK].
- 3. Align the rear and left edges of the originals as shown in the illustration.

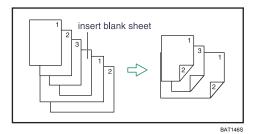


BVJ025

- 1. Orientation in which original is fed
- 4. Adjust the document guides to the widest original size.
- 5. Place originals in the ADF.
- 6. Press the [Start] key.



- Since small originals may not be correctly aligned with the original guide, the copy image may be slanted.
- You can place originals of two different sizes at a time.
- Copying speed and scanning speed will be reduced.
- The weight range for originals in the Mixed Sizes mode is 52 81 g/m² (14 20 lb. Bond).
- When using this function with 1 Sided → 2 Sided mode, always ensure that the originals of each size are in even numbers. If you have an odd number of originals, insert blank sheets to adjust the total.



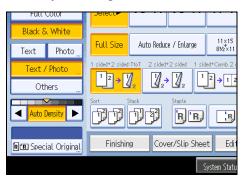
Specifying Original Sizes

Specify the size of the originals.

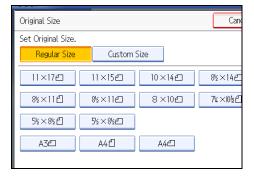
Regular sizes

Select the size of the originals from the regular sizes.

1. Press [Special Original].



- 2. Press [Original Size].
- 3. Press [Regular Size].



- 4. Select the size of original, and then press [OK] twice.
- 5. Place the originals, and then press the [Start] key.

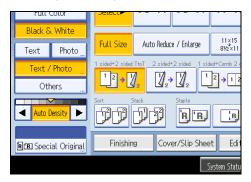
1

Custom sizes

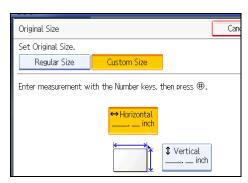
When placing custom size originals in the ADF, specify the size of the originals.

Mportant 1

- Originals that have a vertical length of 128 297 mm (5.1 11.6 inches) and a horizontal length of 128 1260 mm (5.1 49.6 inches) can be placed with this function. However, the size of the copy paper is limited to 128 297 mm (5.1 11.6 inches) vertically and 128 432 mm (5.1 17 inches) horizontally.
- 1. Press [Special Original].



- 2. Press [Original Size].
- 3. Press [Custom Size].
- 4. Enter the horizontal size with the number keys, and then press [#].



- 5. Enter the vertical size with the number keys, and then press [#].
- 6. Press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



• To change the value you entered, press the item you want to change, and then enter a new value.

2. Basic Copying

This chapter describes the basic procedure for making copies.

Basic Procedure

This section describes the basic procedure for making copies.



- When User Code Authentication is set, enter your user code (up to eight digits) with the number keys
 so that the machine accepts copy jobs. For details about Administrator Tools, see "System Settings",
 Network and System Settings Reference.
- When Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server Authentication is set, enter your login user name and password so that the machine accepts copy jobs. Ask the administrator for the login user name and password. For details, see "When the Authentication Screen is Displayed", About This Machine
- To copy onto paper other than plain paper, specify the paper type in User Tools. For details, see "System Settings", Network and System Settings Reference.
- 1. Make sure "Ready" appears on the screen.

If any other function is displayed, press the [Copy] key on the left side of the control panel.

Initial copy screen



2. Make sure no previous settings remain.

When there are previous settings remaining, press the [Clear Modes] key.

- 3. Place the originals.
- 4. Make desired settings.
- 5. Enter the number of copies with the number keys.

The maximum copy quantity that can be set is 9999.

6. Press the [Start] key.

The machine starts copying.

When placing originals on the exposure glass, press the [#] key after all originals are scanned.

7. When the copy job is finished, press the [Clear Modes] key to clear the settings.



- Always log off when you have finished using the machine to prevent unauthorized users from using the machine.
- To stop the machine during a multi-copy run, press the [Clear/Stop] key.
- To cancel all copy functions and return the machine to the default condition, press the [Clear Modes] key.
- To clear entered values, press the [Clear/Stop] key or [Cancel] on the screen.
- To confirm settings, press [Check Modes].
- You can change the maximum copy quantity under Max. Copy Quantity in User Tools. For details about Max. Copy Quantity, see "General Features".

Reference

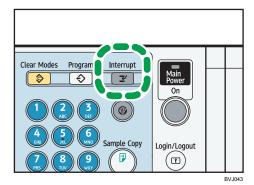
• p.275 "General Features"

Interrupt Copy

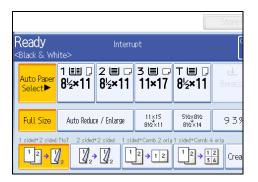
Use this function if you want to interrupt a long copy job to make urgently needed copies.

⊘Important

- You cannot use the Interrupt Copy function when fax originals are being scanned or the scanner function is being used.
- You cannot use the Staple function with this function if another copy job is already using the Staple function.
- 1. Press the [Interrupt] key.



The interrupt key indicator lights. The machine stops scanning.



- 2. Remove the originals that were being copied.
- 3. Place the originals you want to copy.
- 4. Press the [Start] key.

The machine starts making copies.

- 5. When copying is complete, remove the originals and copies.
- 6. Press the [Interrupt] key again.

The interrupt key indicator goes off.

7. Replace the originals that you were copying, and then press the [Start] key. Following the instructions on the display.

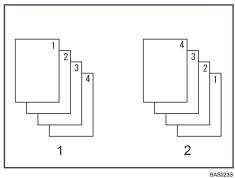


 The previous copy job settings are restored. Simply press the [Start] key to continue copying from where it left off.

Copy Face Up

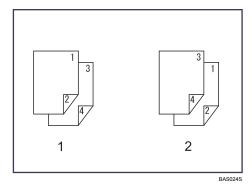
Copies are delivered in opposite order to the default order setting.

1 Sided originals

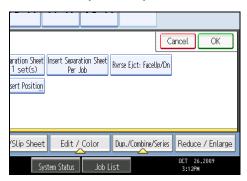


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2 Sided originals



- 1. Face down (same order as original)
- 2. Face up (reverse order of original)
- 1. Press [Finishing].
- 2. Press [Output].
- 3. Press [Rvrse Ejct: FaceUp/Dn].



- 4. Press [OK].
- 5. Place the originals, and then press the [Start] key.



- Copies are delivered face down (in the same order as the original) if Thin Paper, Plain Paper 1, Plain Paper 2, Middle Thick, or Thick Paper 1 is specified.
- Copies are delivered face up (in reverse order of the original) if Thick Paper 2, Thick Paper 3, Label Paper, Translucent Paper, or OHP (Transparency), is specified.
- Tab stock is delivered face down regardless of its paper weight.

Auto Start

If you make settings and scan originals while the machine is busy, your copies will be made once the machine is ready.

- 1. Make your settings while "Select print mode, then press the Start key." and "Scanning originals can be started." are displayed alternately.
- 2. Place the original.
- 3. Press the [Start] key.

The machine scans the original.

Copying starts automatically once the machine is ready.

Job Preset

You can make settings for the next copy job during copying.

If a long copy job is in progress and you do not want to wait for it to finish, you can use this function to set up the next copy job in advance. When the current copy job is finished, the next job will start automatically.

1. Press [New Job] when "Copying..." appears.



- 2. Be sure message "Ready" appears, and then make settings for the next copy job.
- 3. Place the originals, and then press the [Start] key.

All originals are scanned.

When the preset job is complete, a job preset confirmation dialog box appears.

4. Press [Exit].

The initial copy display appears.

After the current copy job, the next copy job starts automatically.



You can switch the display to the current copy job by pressing [To Copying Screen]. You can switch
the display to the preset job by pressing [To Reserv. Screen].

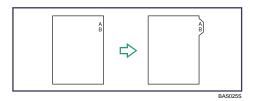
- Preset copy jobs are registered under job numbers in the Reserv. Screen.
- You can confirm and delete preset jobs. For details about the procedures, see "Managing Jobs".

Reference

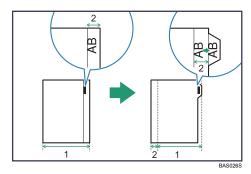
• p.115 "Managing Jobs"

Copying onto Tab Stock

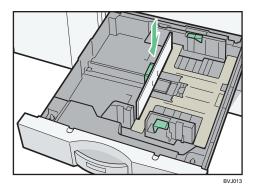
You can copy onto tab stock.



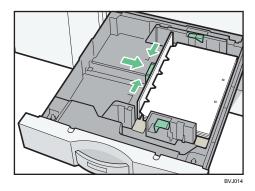
 Before using this function, set the tray for tab stock and set the position of the index tab under Paper Type in User Tools. For details about Paper Type, see "System Settings", Network and System Settings Reference .



- 1. Original width
- 2. Index width
- Specify the size of tab stock under Tray Paper Size in User Tools. The sizes that can be used are A4 D, 8¹/₂ × 11D, and 8¹/₂ × 14D. For details about Paper Size, see "System Settings", Network and System Settings Reference.
- Tab stock can be loaded in trays 2 and 3 or the wide LCT. When loading tab stock in tray 2 or 3, load tab stock with the side to be copied facing down. When loading tab stock in the wide LCT, load tab stock with the side to be copied facing up.
- When loading tab stock, always use the tab sheet holder.



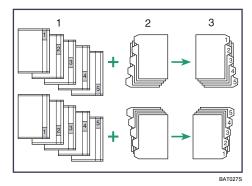
- Load tab stock so that it will be fed from the side without the tab first.
- When loading tab stock in tray 2 or 3, adjust the back fence position so that the tab sheet holder will fit the tab stock.



 The Duplex function cannot be performed on tab stock. If [1 Sided → 2 Sided] is selected, cancel the setting.

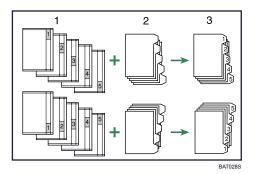
Tab stock is fed starting from the top tab.

• In tray 2 or 3



- 1. Originals
- 2. Tab stock
- 3. Copies

· In the wide LCT



- 1. Originals
- 2. Tab stock
- 3. Copies
- 1. Select the paper tray where the tab stock is loaded.



2. Place the originals, and then press the [Start] key.



- Check the position of the index tab to avoid cropping the image.
- Align the image you want to copy by checking the position of the index tab. If the image extends beyond the index tab, the backs of sheets may get soiled with toner.
- To copy onto tab stock from the bypass tray, see "Copying onto Tab Stock from the Bypass Tray".
- To copy onto tab stock from the wide LCT, see "Copying onto Tab Stock from the Wide Large Capacity Tray".
- When a paper jam has occurred, check the order of originals and tab stock, and then restart copying.

Reference

- p.56 "Copying onto Tab Stock from the Bypass Tray"
- p.60 "Copying onto Tab Stock from the Wide Large Capacity Tray"

2

Copying from the Bypass Tray

The bypass tray allows you to copy non-standard paper.

Use the bypass tray to copy onto OHP transparencies, adhesive labels, translucent paper, and paper that cannot be loaded in the paper trays.



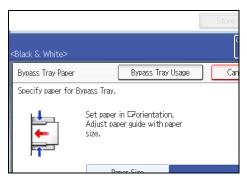
- The Duplex function cannot be performed on paper fed from the bypass tray. If [1 Sided → 2 Sided] is selected, cancel the setting. You can also change the initial settings. See "Changing the Default Functions of the Copy's Initial Display".
- Paper that has a vertical length of 100 305 mm (3.94 12 inches) and a horizontal length of 148 457.2 mm (5.83 18 inches) can be copied from the bypass tray. (139 305 mm (5.48 12 inches) vertical length when prints are delivered to the finisher shift tray of Finisher SR5000.)
- The machine can automatically detect the following sizes as regular size copy paper:
 - Metric version: A3□, A4□□, A5□□, 8 × 13□, 100 × 148 mm□
 - Inch version: A3□, A4□, 11 × 17□, 8¹/₂ × 14□, 8¹/₂ × 11□□, 5¹/₂ × 8¹/₂□, 100 × 148 mm□

If you want to use the size of paper other than the above, be sure to specify the size.

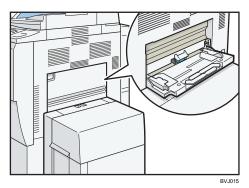
- When copying onto OHP transparencies, paper of 65 g/m² (about 17 lb. Bond) or less, or paper of 81 g/m² (about 20 lb. Bond) or above, you need to specify the type and size of paper under Tray Paper Settings in User Tools. For details about Tray Paper Settings, see "System Settings", Network and System Settings Reference.
- Do not use color OHP transparencies that have easily melted coatings.
- The maximum number of sheets you can load at the same time depends on paper type. Load only as much paper as can be held between the paper guides on the bypass tray.

[Bypass Tray Usage]

Press [Bypass Tray Usage] to display a description on using the bypass tray.

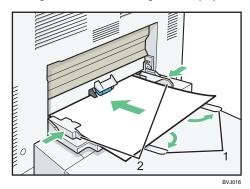


1. Open the bypass tray.



2. Insert the paper face up until you hear the beep, and then 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.



- 1. Extender
- 2. Paper guides
- 3. Press [Bypass], and then press the [#] key.
- 4. Select the size and type of the paper.
- 5. Press [OK].
- 6. Place the originals, and then press the [Start] key.
- 7. When the copy job is finished, press the [Clear Modes] key to clear the settings.



- 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.
- Load only as much paper as can be held between the guides on the bypass tray. Overloading the bypass tray can result in misfeeds and skewed images.
- The following paper sizes can be selected as the standard sizes:

- A3D, A4DD, A5DD, A6D, B4 JISD, B5 JISDD, B6 JISD, 12 × 18D, 11 × 17D, $8^{1}/_{2}$ × 14D, $8^{1}/_{2}$ × 13D, $8^{1}/_{2}$ × 11DD, $8^{1}/_{4}$ × 14D, $8^{1}/_{4}$ × 13D, 8 × 13D, 8 × 10 $1/_{2}$ DD, 8 × 10DD, $7^{1}/_{4}$ × 10 $1/_{2}$ DD, $5^{1}/_{2}$ × $8^{1}/_{2}$ D, 11 × 15D, 11 × 14D, 10 × 15D, 10 × 14D, 100 × 148 mmD
- To support A4 \square , $8^{1}/_{2} \times 11\square$ or larger paper sizes, pull out the extender.
- To prevent multiple sheets from being fed at once, fan paper before placing it on the tray.
- When the Sort function is selected, press the [#] key after all originals have been scanned.
- When the Panel Key Sound is turned off, it will not sound if you insert paper into the bypass tray. For details about Panel Key Sound, see "System Settings", Network and System Settings Reference.
- Printing on special paper such as OHP transparencies and thick paper may be slower than printing on plain paper.
- When copying onto translucent paper, you need to specify the type and size of the paper.
- When copying multiple originals using the bypass tray, pages are delivered in reverse order because
 the factory default setting is face up. You can change the settings under Copy Eject Face Method in
 Bypass Mode in User Tools.
- If you place originals on the exposure glass and want the copies to be delivered face down, select
 Face Down for both Copy Eject Face Method in Glass Mode and Copy Eject Face Method in Bypass
 Mode of User Tools.
- When copying onto special paper such as adhesive labels, always select Face Up under Copy Eject
 Face Method in Bypass Mode of User Tools. If you select Face Down, a paper misfeed may occur.
- For details about Copy Eject Face Method in Glass Mode and Copy Eject Face Method in Bypass Mode, see "Input/Output".
- If you select Tab Stock (paper weight up to 199 g/m², 110 lb. Index), you cannot have copies delivered face up.
- If you select OHP (Transparency), Label Paper, Thick Paper 2, or Thick Paper 3 in Paper Type: Bypass Tray, you cannot have copies delivered face down.
- Depending on the environment where the machine is being used, you might at times hear a rustling noise from paper moving through the machine. This noise does not indicate a malfunction.
- We recommend that you use a 4000ANSI lumen or brighter overhead projector to project OHP transparencies.

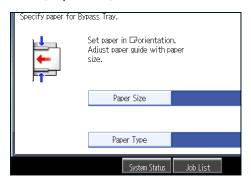
Reference

- p.124 "Changing the Default Functions of the Copy's Initial Display"
- p.298 "Input/Output"

Copying onto Regular Size Paper

Makes copies onto regular size paper from the bypass tray.

- 1. Open the bypass tray, and then insert the paper face up until you hear the beep.
- 2. Align the paper guides to the paper size.
- Press [Bypass], and then press the [#] key.
- 4. Press [Paper Size].



- 5. Press [Regular Size].
- 6. Select the paper size.



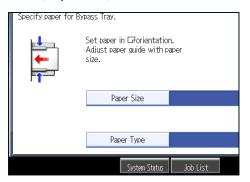
- 7. Press [OK] twice.
- 8. Place the originals, and then press the [Start] key.

Copying onto Custom Size Paper

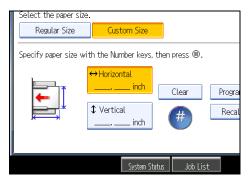
Makes copies onto custom size paper from the bypass tray.

- 1. Open the bypass tray, and then insert the paper face up until you hear the beep.
- 2. Align the paper guides to the paper size.
- 3. Press [Bypass], and then press the [#] key.

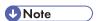
4. Press [Paper Size].



- 5. Press [Custom Size].
- 6. Enter the horizontal size with the number keys, and then press [#].



- 7. Enter the vertical size with the number keys, and then press [#].
- 8. Press [OK] twice.
- 9. Place the originals, and then press the [Start] key.



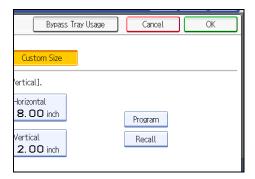
• To change the value you entered, press the item you want to change, and then enter a new value.

Registering a custom size

Register a custom paper size.

- 1. Press [Bypass], and then press the [#] key.
- 2. Press [Paper Size].
- 3. Press [Custom Size].
- 4. Enter the horizontal size with the number keys, and then press [#].
- Enter the vertical size with the number keys, and then press [#].

6. Press [Program].



The confirmation screen appears.

- 7. Press [Exit].
- 8. Press [OK] twice.

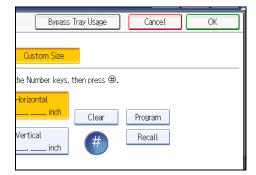


- To change the value you entered, press the item you want to change, and then enter a new value.
- You can specify only one custom size.

Recalling the registered custom size

Recalls the registered paper size.

- 1. Press [Bypass], and then press the [#] key.
- 2. Press [Paper Size].
- 3. Press [Custom Size].
- 4. Press [Recall].



The registered size is displayed.

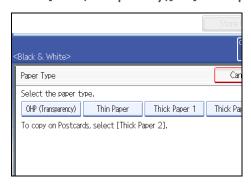
5. Press [OK] twice.

2

Copying onto OHP Transparencies or Thin Paper

When copying onto OHP transparencies or thin paper, select the type and size of paper.

- We recommend that you use specified OHP transparencies.
- Do not use color OHP transparencies that have easily melted coatings.
- OHP transparencies must be loaded face-up in the tray.
- When copying onto OHP transparencies, remove copied sheets one by one.
- 1. Open the bypass tray, and then insert the paper face up until you hear the beep.
- 2. Align the paper guides to the paper size.
- 3. Press [Bypass], and then press the [#] key.
- 4. Press [Paper Type].
- 5. Select [OHP (Transparency)] or [Thin Paper], and then press [OK].



- 6. Specify the paper size, and then press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



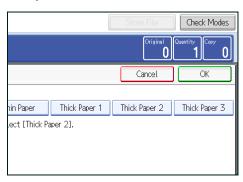
- Printing on special paper such as OHP transparencies may be slower than printing on plain paper.
- To prevent multiple sheets from being fed at once, fan paper before placing it on the tray.
- If you have selected [OHP (Transparency)] in "Paper Type", you cannot have copies delivered face down.

Copying onto Thick Paper

When copying onto thick paper, select the type and size of paper.

- 1. Open the bypass tray, and then insert the paper face up until you hear the beep.
- 2. Align the paper guides to the paper size.

- 3. Press [Bypass], and then press the [#] key.
- 4. Press [Paper Type].
- 5. Select the paper type (one of [Thick Paper 1], [Thick Paper 2], and [Thick Paper 3]), and then press [OK].



Select [Thick Paper 1] when paper weight is between 128 g/m 2 (34 lb. Bond) and 169 g/m 2 (92 lb. Index).

Select [Thick Paper 2] when paper weight is between 170 g/m^2 (65 lb. Cover) and 249 g/m^2 (90 lb. Cover).

Select [Thick Paper 3] when paper weight is between 250 g/m 2 (140 lb. Index) and 300 g/m 2 (110 lb. Cover).

- 6. Specify the paper size, and then press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



- Printing on thick paper may be slower than printing on plain paper.
- To prevent multiple sheets from being fed at once, fan paper before placing it on the tray.
- If you have selected [Thick Paper 2] or [Thick Paper 3] in "Paper Type", you cannot have copies delivered face down.

Copying onto Tab Stock from the Bypass Tray

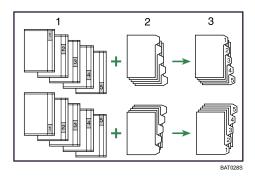
Loading tab stock in the bypass tray.



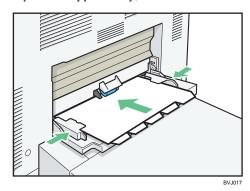
Before using this function, set the position of the index tab under Paper Type: Bypass Tray in User
Tools. For details about Paper Type, see "System Settings", Network and System Settings Reference

When loading tab stock in the bypass tray, load tab stock with the side to be copied facing up.

Tab stock is fed starting from the top tab.



- 1. Originals
- 2. Tab stock
- 3. Copies
- 1. Open the bypass tray, and then insert the paper face up until you hear the beep.



- 2. Align the paper guides to the paper size.
- 3. Press [Bypass], and then press the [#] key.
- 4. Press [Paper Size].
- 5. Press [Regular Size], and then select the paper size.
- 6. Press [OK] twice.
- 7. Place originals, and then press the [Start] key.



• For details about how to load tab stock in paper trays, see "Copying onto Tab Stock".

Reference

• p.46 "Copying onto Tab Stock"

Copying onto Envelopes from the Bypass Tray

When copying onto envelopes, specify the paper type and paper size.

Important

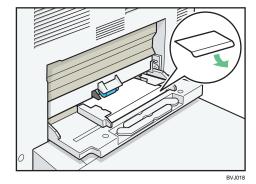
- Before using this function, specify the paper thickness under Paper Type: Bypass Tray in User Tools. For details, see "System Settings", Network and System Settings Reference.
- 1. Open the bypass tray, and then insert the paper face up until you hear the beep.
- 2. Align the paper guides to the envelope side.
- 3. Press [Bypass], and then press the [#] key.
- 4. Press [Paper Size].
- 5. Press [Custom Size].



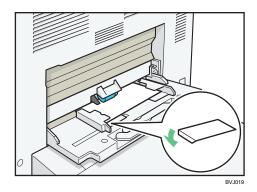
- 6. Specify the envelope size, and then press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



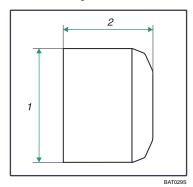
- When placing an original on the exposure glass, place the original with the bottom line aligned to the left scale.
- When placing an original in the ADF, place the original with the bottom line inserted in the ADF.
- When inserting envelopes, be sure to unfold the flaps and position them opposite to the paper feed direction.



Load envelopes (162 × 229 mm (C5)) flap down, flap fold against the side guide.



When entering the horizontal size for envelopes, including the opened-out flap in the measurement.



- 1. Vertical size
- 2. Horizontal size
- You can load up to 10 envelopes (80 95 g/m², 20 24 lb. Bond) in the bypass tray at the same time, without compressing them. Check the envelopes are not damp. Load only as much envelopes as can be held between the paper guides on the bypass tray.
- Check there is no air in the envelopes before loading.
- To get better print quality, it is recommended that you set the right, left, top, and bottom print margin, to at least 15 mm (0.6 inch) each.
- You cannot print envelopes with the Duplex function.
- Load only one size and type of envelope at a time.
- Before loading envelopes, flatten leading edges (the side going into the machine) by pressing a pencil or ruler across them.
- Before loading envelopes, check they are rectangular in shape.
- For details about supported envelope types, see "Envelopes", About This Machine .

Copying from the Wide Large Capacity Tray

The wide LCT allows you to copy non-standard paper.

Use the wide LCT to copy onto OHP transparencies, adhesive labels, thick paper, tab stock, and paper that cannot be loaded in the paper trays.



- The bypass tray cannot be used when the wide LCT is installed.
- Special paper such as OHP transparencies and thick paper must be loaded in the wide LCT. Specify
 the paper type under Paper Type: LCT in User Tools in advance. For details, see "System Settings",
 Network and System Settings Reference.
- For the procedure for loading paper in the wide LCT, see "Loading Paper into the Wide Large Capacity Tray", About This Machine 🖺 🕲.
- To use a custom size paper on this tray, additional setup is required. For details, contact your service representative.



• If you select Thick Paper 2, Thick Paper 3, or Special Paper 2 for Paper Type: LCT in User Tools, air is blown out automatically to fan the paper loaded in the wide LCT.

Copying onto Tab Stock from the Wide Large Capacity Tray

Loading tab stock in the wide LCT.

Mportant (

- When setting tab stock, always use the tab sheet fence.
- Before using this function, set the position of the index tab before copying. For details, see "Copying onto Tab Stock".
- 1. Select the wide LCT.
- 2. Place the originals, and then press the [Start] key.



- Tab stock can also be loaded in trays 2 and 3. For the procedure for copying onto tab stock from these paper trays, see "Copying onto Tab Stock".
- For the procedure to load tab stock in the wide LCT, see "Loading Paper into the Wide Large Capacity Tray", About This Machine .

Reference

• p.46 "Copying onto Tab Stock"

Reducing or Enlarging Originals

This section describes methods of reducing or enlarging images by specifying a reproduction ratio, or a paper size.

In addition to the functions described in this section, advanced reduce/enlarge copy functions are also available. For details about these functions, see "Advanced Reduce/Enlarge Copying".

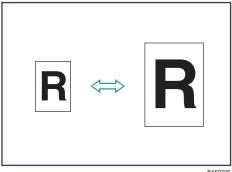


• p.152 "Advanced Reduce / Enlarge Copying"

Preset Reduce / Enlarge

This function allows you to reduce or enlarge images by selecting a preset ratio.

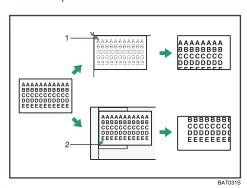
You can register up to three frequently used reproduction ratios other than the preset Reduce / Enlarge ratios.



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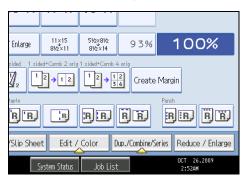
Base Point

The base point of Reduce / Enlarge differs depending on how the original is scanned. When the original is placed on the exposure glass, the upper left corner will be the base point. When it is placed in the ADF, the bottom left corner will be the base point.

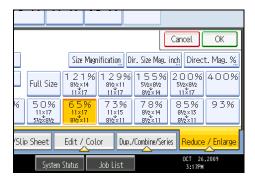


61

- 1. Base point when placed on the exposure glass
- 2. Base point when placed in the ADF
- 1. Press [Reduce / Enlarge].



2. Select a ratio, and then press [OK].



3. Place the originals, and then press the [Start] key.



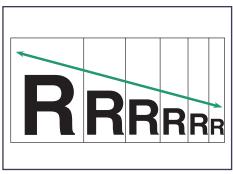
- You can change reproduction ratios shown on the initial display under Reproduction Ratio in User Tools. For details about Reproduction Ratio, see "Reproduction Ratio".
- You can also select a preset ratio on the initial display, press the shortcut reduce/enlarge key. In the case, proceed to step 3.
- You can select one of 12 preset ratios (5 enlargement ratios, 7 reduction ratios).
- You can select a ratio regardless of the size of an original or copy paper. With some ratios, parts of the image might not be copied or margins will appear on copies



• p.280 "Reproduction Ratio"

Zoom

You can specify the reproduction ratio in increments of 1%.



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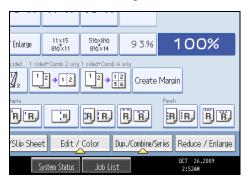


- The reproduction ratios you can specify are 25-400%.
- You can select a ratio regardless of the size of an original or copy paper. With some ratios, parts of the image might not be copied or margins will appear on copies.

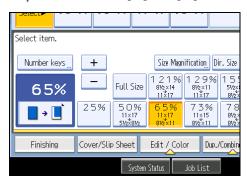
Specifying the ratio with [-] and [+]

Specify a ratio using [-] and [+].

1. Press [Reduce / Enlarge].



- 2. Select a preset ratio which is close to the desired ratio.
- 3. Adjust the ratio with [-] and [+].



2

Press [—] or [+] changes the ratio in increments of 1%. Pressing and holding down [—] or [+] changes it in increments of 10%.

- 4. Press [OK].
- 5. Place the originals, and then press the [Start] key.

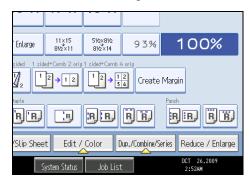


• To change the value you specified, readjust it with [-] and [+].

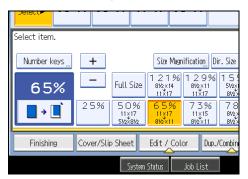
Entering the ratio with the number keys

Enter a ratio using the number keys.

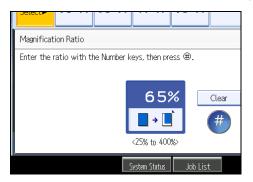
1. Press [Reduce / Enlarge].



2. Press [Number keys].



Enter the desired ratio with the number keys, and then press [#].



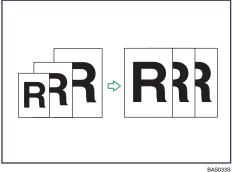
- 4. Press [OK] twice.
- 5. Place the originals, and then press the [Start] key.



• To change the value you entered, press [Clear], and then enter a new value.

Auto Reduce / Enlarge

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



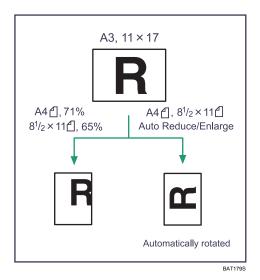
Mportant !

- You cannot use the bypass tray with this function.
- 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) \square originals to fit onto A4 (8 $^{1}/_{2}$ × 11) \square paper, select a paper tray

containing A4 (8 $^1/_2 \times 11$) $^{\square}$ paper, and then press [Auto Reduce / Enlarge]. The image is automatically rotated.



For details about Rotate Copy, see "Rotate copy".

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

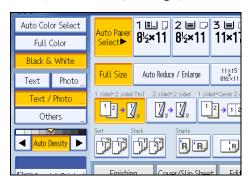
Metric version

Original location	Original size and orientation
Exposure glass	A3, B4 JIS, A4, D, B5 JIS, 8 ¹ / ₂ × 13,
ADF	A3 \Box , B4 JIS \Box , A4 \Box \Box , B5 JIS \Box \Box , A5 \Box \Box , B6 JIS \Box \Box , 8 $^{1}/_{2} \times 13\Box$, 11 × 17 \Box , 8 $^{1}/_{2} \times 11\Box$

Inch version

Original location	Original size and orientation
Exposure glass	$11 \times 17 \Box$, $8^{1}/_{2} \times 14 \Box$, $8^{1}/_{2} \times 11 \Box$
ADF	A3 \Box , A4 \Box \Box , 11 × 17 \Box , 8 $^{1}/_{2}$ × 14 \Box , 8 $^{1}/_{2}$ × 11 \Box \Box , 5 $^{1}/_{2}$ × 8 $^{1}/_{2}$ \Box \Box , 10 × 14 \Box , 7 $^{1}/_{4}$ × 10 $^{1}/_{2}$ \Box

1. Press [Auto Reduce / Enlarge].



- 2. Select the paper size.
- 3. Place the originals, and then press the [Start] key.



• The machine selects reproduction ratios of between 25-400%.

■ Reference

• p.150 "Rotate copy"

Duplex Copying

This section describes how to make duplex copies.

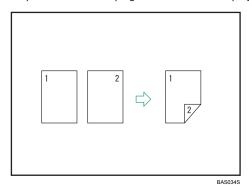
Copies two 1-sided pages or one 2-sided page onto a 2-sided page.



- You cannot use the bypass tray with this function.
- The paper weight that can be used with this function is 64 163 g/m² (17 lb. Bond 90 lb. Index).

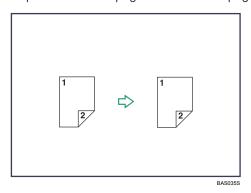
1 Sided → 2 Sided

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



2 Sided → 2 Sided

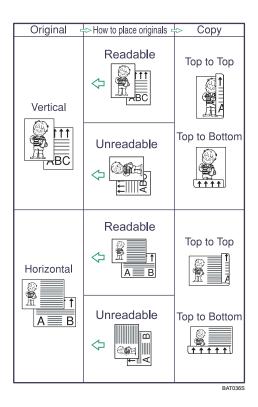
Copies one 2-sided page on one 2-sided page.



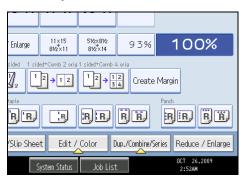
Original orientation and completed copies

The resulting copy image will differ according to the orientation in which you place your originals $(\begin{cal}D\end{cal}$ or $\begin{cal}D\end{cal}$).

The table shows the orientation of images on the front and back of copies, not the orientation of delivery.

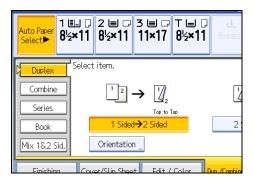


1. Press [Dup./Combine/Series].



2. Make sure that [Duplex] is selected. If [Duplex] is not selected, press [Duplex].

Select [1 Sided → 2 Sided] or [2 Sided → 2 Sided].



To change the original or copy orientation, press [Orientation].

- 4. Press [OK].
- 5. Place the originals, and then press the [Start] key.



- When placing an original on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- You can also select [1 Sided → 2 Sided] or [2 Sided → 2 Sided] directly by pressing the copy function key. In that case, proceed to step 5.
- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- You can specify the margins under Edit in User Tools. For details about Edit, see "Edit".
- You can use the following copy paper with this function:
 - A3D, A4DD, B4 JISD, B5 JISDD, A5DD, $11 \times 17D$, $8^{1}/_{2} \times 14D$, $8^{1}/_{2} \times 13D$, $8^{1}/_{4} \times 14D$, $8^{1}/_{2} \times 11DD$, $8^{1}/_{2} \times 13D$, $8 \times 13D$, $7^{1}/_{4} \times 10^{1}/_{2}DD$, $5^{1}/_{2} \times 8^{1}/_{2}DD$, 8KD, 16KDD, 340×210 mmD, $11 \times 14D$, $12 \times 18DD$
- You cannot use the following copy paper with this function:
 - Paper smaller than A5, $5^1/_2 \times 8^1/_2$
 - Translucent paper
 - Label paper (adhesive labels)
 - OHP transparencies
 - Postcards
 - Tab stock
- When an odd number of originals are placed in the ADF, the back of the last page of copied paper is blank.
- During copying, the image is shifted to allow for the binding margin.

• Front and back image quality of copies may differ.

■ Reference

• p.282 "Edit"

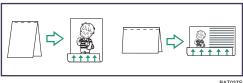
Originals and Copy Orientation

You can select the orientation of originals and copies.

• Top to Top

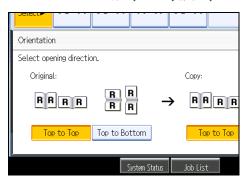


• Top to Bottom



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- 1. Press [Orientation].
- 2. Select orientation ([Top to Top]/[Top to Bottom]), and then press [OK].



Note

• The default setting is [Top to Top]. You can change the default orientation under Original Orientation in Duplex Mode and Copy Orientation in Duplex Mode in User Tools. For details, see "General Features".

Reference

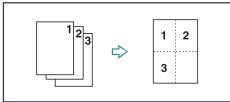
• p.275 "General Features"

Combined Copying

This section describes how to make combined copies.



- When placing originals on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set the first page on top.
- When placing originals on the exposure glass or in the ADF using the Batch function, press the [#] key after all the originals have been scanned.
- If you selected [2 Sided] for Original or Copy, you can change the orientation. See "Originals and Copy Orientation".
- You can change the initial settings for 1-Sided Combine or 2-Sided Combine under Edit in User Tools.
 For details, see "Edit".
- In this mode, the machine selects the reproduction ratio automatically. This reproduction ratio depends on copy paper sizes and the number of originals.
- The machine selects reproduction ratios of between 25-400%.
- If the calculated ratio is under the minimum ratio, it is automatically adjusted to within available range. However, with some ratios, parts of the image might not be copied.
- You cannot use custom size paper.
- If the orientation of originals is different from that of the copy paper, the machine will automatically rotate the image by 90 degrees to make copies properly.
- If the number of originals placed is less than the number specified for combining, the last page segment is left blank as shown.



BAS149

Reference

- p.71 "Originals and Copy Orientation"
- p.282 "Edit"

One-Sided Combine

Combine several pages onto one side of a sheet.

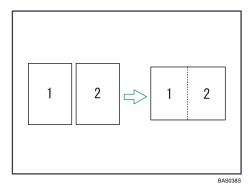


• You cannot use the bypass tray with this function.

There are six types of One-Sided Combine.

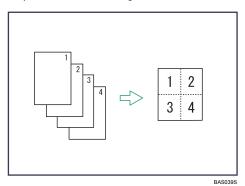
1 Sided 2 Pages → Combine 1 Side

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



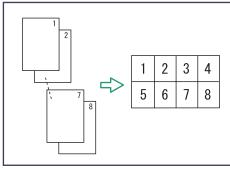
1 Sided 4 Pages → Combine 1 Side

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



1 Sided 8 Pages → Combine 1 Side

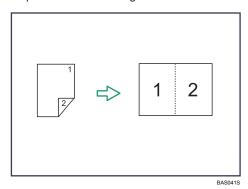
Copies eight 1-sided originals to one side of a sheet.



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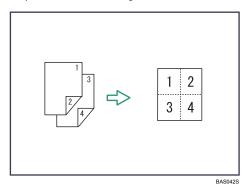
2 Sided 1 Page → Combine 1 Side

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



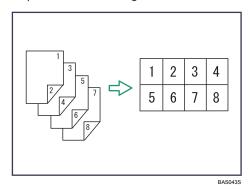
2 Sided 2 Pages → Combine 1 Side

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



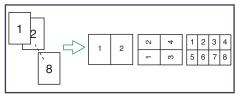
2 Sided 4 Pages → Combine 1 Side

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



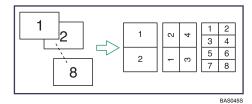
Orientation of the original and image position of combine

Portrait (D) originals



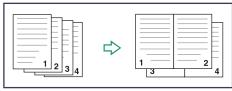
BAS044S

Landscape (□) originals



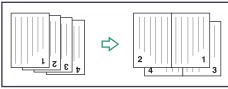
Placing originals (originals placed in the ADF)

• Originals read from left to right



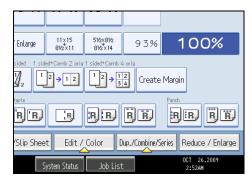
BAT04

• Originals read from top to bottom



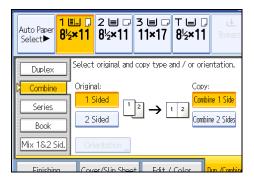
BAT047S

1. Press [Dup./Combine/Series].



2. Press [Combine].

3. Select [1 Sided] or [2 Sided] for Original, and then press [Combine 1 Side] for Copy.



- 4. Select the number of originals to combine.
- 5. Select the paper size.
- 6. Press [OK].
- 7. Place the originals, and then press the [Start] key.



You can also select [1 sided → Comb 2 orig] or [1 sided → Comb 4 orig] directly by pressing the copy function key. In that case, proceed to step 7.

Two-Sided Combine

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

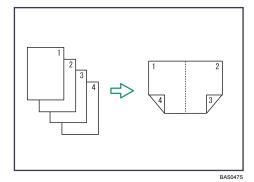


• You cannot use the bypass tray with this function.

There are six types of Two-Sided Combine.

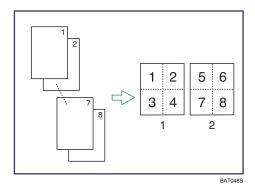
1 Sided 4 Pages → Combine 2 Sides

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



1 Sided 8 Pages → Combine 2 Sides

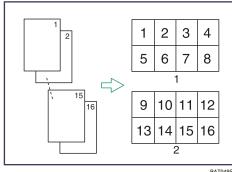
Copies eight 1-sided originals to one sheet with four pages per side.



- 1. Front
- 2. Back

1 Sided 16 Pages → Combine 2 Sides

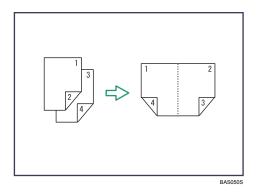
Copies 16 1-sided originals to one sheet with eight pages per side.



- 1. Front
- 2. Back

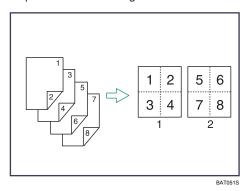
2 Sided 2 Pages → Combine 2 Sides

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



2 Sided 4 Pages → Combine 2 Sides

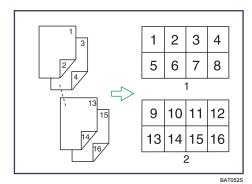
Copies four 2-sided originals to one sheet with four pages per side.



- 1. Front
- 2. Back

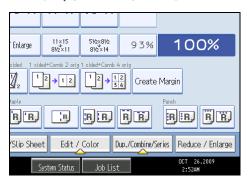
2 Sided 8 Pages → Combine 2 Sides

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

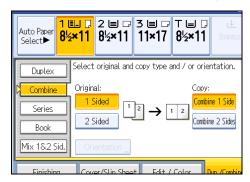


- 1. Front
- 2. Back

1. Press [Dup./Combine/Series].



- 2. Press [Combine].
- 3. Select [1 Sided] or [2 Sided] for Original, and then press [Combine 2 Sides] for Copy.



- 4. Press [Orientation].
- 5. Select orientation ([Top to Top]/[Top to Bottom]), and then press [OK].
- 6. Select the number of originals to combine.
- 7. Select the paper size.
- 8. Press [OK].
- 9. Place the originals, and then press the [Start] key.

Finishing

You can sort, staple, punch, and fold your copies.



• 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".

■ Reference

• p.20 "Functions Requiring Optional Configurations"

Sort

The machine assembles copies as sets in sequential order.

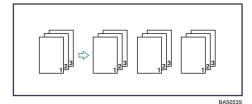


- To use the Rotate Sort function, two paper trays with paper identical in size and different in orientation (DD) are required. See "System Settings", Network and System Settings Reference.
- You cannot use the bypass tray with Rotate Sort.

Sort/Shift Sort

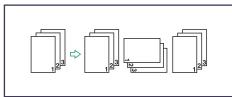
Copies are assembled as sets in sequential order.

To use Shift Sort, a finisher 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.



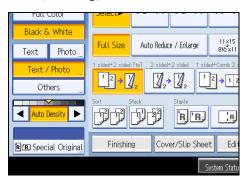
Rotate Sort

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



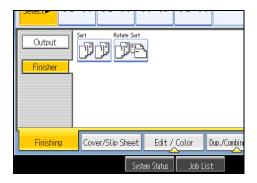
BAS054S

1. Press [Finishing].

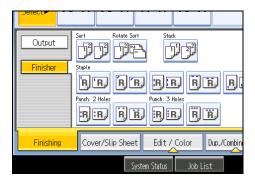


- 2. Press [Finisher].
- 3. Select [Sort] or [Rotate Sort].

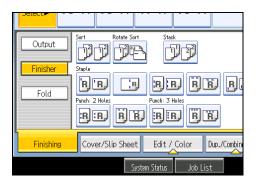
When the finisher is not attached:



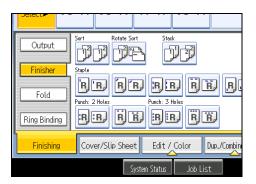
When Finisher SR4030 is attached:



When Finisher SR4040 is attached:



When Finisher SR5000 is attached:



- 4. Enter the number of copy sets using the number keys.
- 5. Press [OK].
- 6. Place the originals.

To confirm the type of finishing, press the [Sample Copy] key.

7. Press the [Start] key.



- If you are copying from the exposure glass, a single copy of each original is made first. If the first copy set is acceptable, you can make the remaining copy sets by pressing the [#] key. The time required for copy sets to be delivered varies depending on the print settings.
- When placing an original on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so the first page is on the top.
- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- You can change the settings for the Sort function under Input/Output in User Tools. For details, see "Input/Output".
- Paper sizes and orientations that can be used with the Shift Sort are as follows:
 - Finisher shift tray

2

• Standard size: A3 \square , A4 \square \square , A5 \square \square , B4 JIS \square , B5 JIS \square \square , 11 × 17 \square , 8 $^1/_2$ × 14 \square , 8 $^1/_2$ × 13 \square , 8 $^1/_2$ × 11 \square \square , 8 $^1/_4$ × 14 \square , 8 $^1/_4$ × 13 \square , 8 × 13 \square , 8 × 10 $^1/_2$ \square \square , 8 × 10 \square \square , 8 × 10 \square \square \square

 $7^{1}/_{4} \times 10^{1}/_{2}$ \Box \Box , $5^{1}/_{2} \times 8^{1}/_{2}$ \Box \Box , 170×210 mm \Box , 340×210 mm \Box , 8 \Box , 16 \Box , 12×18 \Box , 11×15 \Box , 11×14 \Box , 10×15 \Box , 10×14 \Box

- Custom size:
 - Finisher SR4030/Finisher SR4040: 128.1-305.0 mm × 148.0-457.2 mm (5.05-12.00 × 5.83-18.00 inches)
 - Finisher SR5000: 139.0-305.0 mm × 148.0-457.2 mm (5.48-12.00 × 5.83-18.00 inches)
- Paper sizes and orientations that can be used in the Rotate Sort function are follows:
 - A4DD, B5 JISDD, A5DD, $8^{1}/_{2} \times 11DD$, $7^{1}/_{4} \times 10^{1}/_{2}$ DD, $5^{1}/_{2} \times 8^{1}/_{2}$ DD, 16KDD
- When the number of copies exceeds capacity, copying stops. If this happens, remove copies from
 the tray to resume copying. For details about the number of copy sheets that the output tray can
 accommodate, see "Appendix", About This Machine .
- When using the Rotate Sort or Staple function, the capacity may be reduced.

■ Reference

• p.298 "Input/Output"

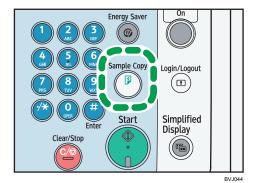
Sample Copy

Use this function to check the copy settings before making a long copy run.

Mportant !

- This function can be used only when the Sort function is selected.
- 1. Select Sort and any other necessary functions, and then place the originals.
- 2. Press the [Sample Copy] key.

One copy set is delivered as a sample.



3. If the sample is acceptable, press [Continue].

The number of copies made is the number specified, minus one for the proof copy.



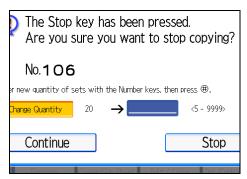
• If you press [Suspend] after checking the results, return to step 1 to adjust the copy settings as necessary. You can change the settings. However, depending on the combination of functions, you may not be able to change some settings.

Changing the number of sets

You can change the number of copy sets during copying.



- This function can be used only when the Sort function is selected.
- 1. While "Copying..." is displayed, press the [Clear/Stop] key.
- 2. Press [Change Quantity].
- 3. Enter the number of copy sets with the number keys, and then press the [#] key.



4. Press [Continue].

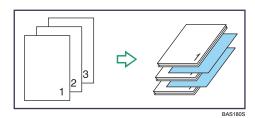
Copying starts again.



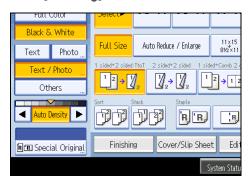
• The number of sets you can enter in step 3 differs depending on when the [Clear/Stop] key is pressed.

Insert Separation Sheet

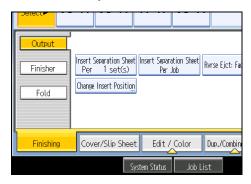
Use this function to have separation sheets inserted between sets or jobs.



- Before using this function, select the tray for separation sheet under Separation Sheet Tray in User Tools. For details, see "System Settings", Network and System Settings Reference.
- 1. Press [Finishing].



- 2. Press [Output].
- 3. Press [Insert Separation Sheet Per 1 set(s)] or [Insert Separation Sheet Per Job].



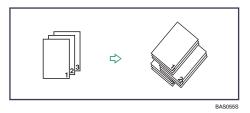
4. Press [OK].



• When [Insert Separation Sheet Per 1 set(s)] is selected, you can change the number of sets inserted between the separation sheets by pressing [Change Insert Position].

Stack

Groups together copies of each page in a multi-page original.



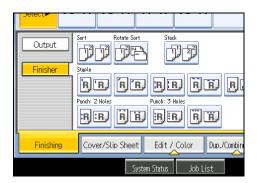
If a finisher is attached, each time the copies of one page are delivered, the next copy is shifted when delivered so you can separate each job by page.

1. Press [Finishing].

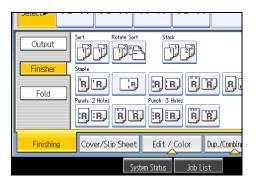


- 2. Press [Finisher].
- 3. Press [Stack].

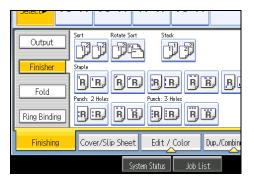
When Finisher SR4030 is attached:



When Finisher SR4040 is attached:



When Finisher SR5000 is attached:



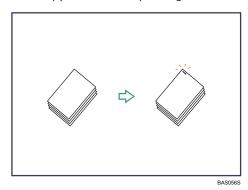
- 4. Enter the number of copies with the number keys.
- 5. Press [OK].
- 6. Place the originals, and then press the [Start] key.



- When placing an original on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so the first page is on the top.
- When placing originals on the exposure glass, or in the ADF using the Batch mode, press the [#] key after all the originals have been scanned.
- Paper sizes and orientations that can be used with the Shift Stack are as follows:
 - Standard size: A3 \square , A4 \square \square , A5 \square \square , B4 JIS \square , B5 JIS \square \square , 11 × 17 \square , 8 $^1/_2$ × 14 \square , 8 $^1/_2$ × 13 \square , 8 $^1/_2$ × 11 \square \square , 8 $^1/_4$ × 14 \square , 8 $^1/_4$ × 13 \square , 8 × 13 \square , 8 × 10 $^1/_2$ \square \square , 8 × 10 \square \square , 7 $^1/_4$ × 10 $^1/_2$ \square \square , 5 $^1/_2$ × 8 $^1/_2$ \square \square , 170 × 210 mm \square , 340 × 210 mm \square , 8K \square , 16K \square \square , 12 × 18 \square , 11 × 15 \square , 11 × 14 \square , 10 × 15 \square , 10 × 14 \square
 - Custom size:
 - Finisher SR4030/Finisher SR4040: 128.1-305.0 mm × 148.0-457.2 mm (5.05-12.00 × 5.83-18.00 inches)
 - Finisher SR5000: 139.0-305.0 mm × 148.0-457.2 mm (5.48-12.00 × 5.83-18.00 inches)

Staple

Each copy set can be stapled together.

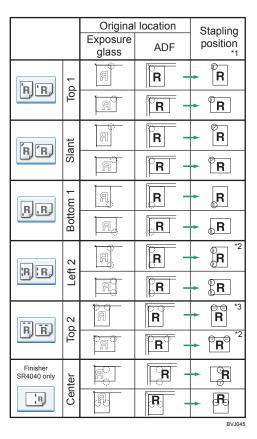


- If you select staple without having the stapler cartridge for saddle stitch set in Finisher SR4040, a paper misfeed might occur. Be sure to set the stapler cartridge.
- You cannot use the bypass tray with this function.

Original orientation and stapling position

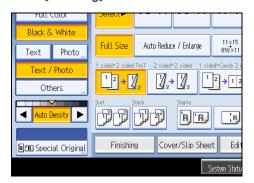
Place all the originals in the ADF in the orientation in which they can be read normally. When placing the original on the exposure glass, keep the same orientation, but set the original facing downwards.

The relationship between the orientation in which you place the original and the staple positions is as follows:



- *1 The above table shows staple positioning. The orientation of the paper does not indicate orientation of delivery.
- *2 You cannot staple at this position when copying onto A3 or B4 JIS size paper.
- *3 If you want to staple at this position on A3 or B4 JIS size paper, select unreadable orientation in Original Orientation and then select Top 2.

1. Press [Finishing].



2. Press [Finisher].

3. Select one of the stapling positions.

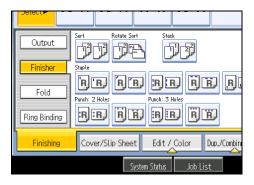
When Finisher SR4030 is attached:



When Finisher SR4040 is attached:



When Finisher SR5000 is attached:



When you select a stapling position, Sort is automatically selected.

- 4. Enter the number of copy sets with the number keys.
- 5. Press [OK].
- 6. Place the originals, and then press the [Start] key.



- When placing an original on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- If you specify Staple: Center, you must specify the Magazine function. For details about Magazine, see "Booklet/Magazine".
- You can change the staple positions shown on the initial display under Input/Output in User Tools. For details about staple positions, see "Input/Output".
- The following type of paper cannot be stapled:
 - Postcard
 - Translucent paper
 - OHP transparencies
 - Label paper (adhesive labels)
 - Thick paper
 - Curled paper
 - Paper of low stiffness
- You can specify how the machine responds if its memory becomes full during copying, or if the number of copies exceeds the capacity of the stapler:
 - · Divides the copies into the number of sheets that can be stapled
 - Cancels the stapling job
- To specify Left 2, Top 2, or Slant together with 2 Originals or 8 Originals of Combine 1 Side, or 4
 Originals or 16 Originals of Combine 2 Sides: specify □ paper for □ orientation originals and specify
 □ paper for □ orientation originals.
- To specify Left 2, Top 2, or Slant together with Double Copies: specify □ paper for □ orientation originals and specify □ paper for □ orientation originals.
- Even if you place different size originals in the ADF, appropriate size of copy paper can be
 automatically selected and stapled using the Mixed Sizes mode and Auto Paper Select function. Load
 the paper you want to use in the paper trays beforehand. Paper sizes that can be stapled when using
 the Mixed Sizes mode are as follows:
 - A3□ and A4□
 - B4 IIS□ and B5 IIS□
 - $11 \times 17 \square$ and $8^{1}/_{2} \times 11 \square$
- When stapling B4 JIS \square , $8^1/_2 \times 14\square$ or larger paper sizes, be sure to extend the paper support plate of the finisher tray.
- · You cannot change stapling positions during copying.

- When the original image is rotated, the staple orientation changes by 90 degrees.
- The maximum original image size that can be rotated is as follows: Metric version: A4, Inch version: $8^{1}/_{2} \times 11$
- When using Slant, Left 2, or Top 2 with the Combine, Double Copies or Auto Reduce / Enlarge
 function, "Orig. and paper orientation mismatched for Staple mode. Cancel Staple mode or change
 paper orientation in tray." message may appear depending on the orientation of originals and paper
 you placed. In this case, change the paper orientation.
- When Top or Bottom is selected and the paper with the same orientation as the original is not loaded,
 the image is rotated and the paper with the same size and the different orientation is selected.
- When Left 2, or Top 2 is selected, the following settings are useful to rotate images appropriately:
 - Auto Reduce / Enlarge or Auto Paper Select
 - Replace Auto Tray Switching with With Image Rotation in User Tools.
- If you select Center with Finisher SR4040, the machine staples and folds the paper in the center, then delivers the paper folded.
- If you select Center for the Magazine function, the machine staples the paper, and folds it like a book, then delivers the paper folded.
- When the number of copies exceeds tray capacity, copying stops. If this happens, remove copies from the finisher tray to resume copying.
- Depending on the settings for the Staple, you may not be able to use the Rotate Copy function.
- For details about the number of sheets that can be stapled together, the paper weight that can be stapled, and the number of stapled copies that can be stacked on each tray, see "Appendix", About This Machine .

Reference

- p.207 "Booklet/Magazine"
- p.298 "Input/Output"

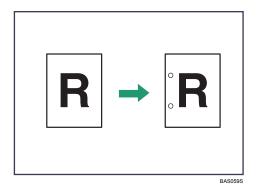
Punch

You can make punch holes in copies.

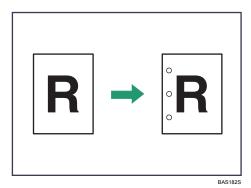
Mportant !

- You cannot use the bypass tray with this function.
- You cannot use Z-fold with this function.

2 holes



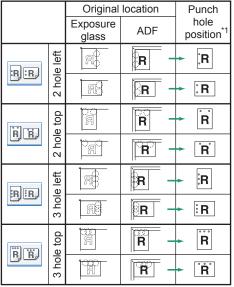
3 holes



Original orientation and punch hole position

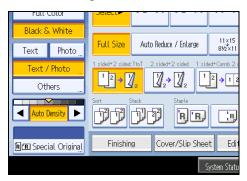
Place all the originals in the ADF in the orientation in which they can be read normally. When placing the original on the exposure glass, keep the same orientation, but set the original facing downwards.

The relationship between the orientation in which you place the original and the punch hole positions is as follows:



BVJ046

- * 1 The above table shows punch hole positioning. Punched sheets might not be delivered in the orientation shown in this table.
- 1. Press [Finishing].

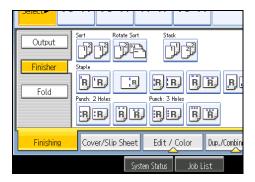


- 2. Press [Finisher].
- 3. Select one of the punch hole positions.

When Finisher SR4030 is attached:



When Finisher SR4040 is attached:



When Finisher SR5000 is attached:



- 4. Press [OK].
- 5. Place the originals, and then press the [Start] key.



- You cannot punch on thick paper heavier than 164 g/m² (92 lb. Index).
- When placing an original on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- You can change the punch hole positions shown on the initial display under Input/Output in User Tools. For details, see "Input/Output".

- For details about which sizes and weights of paper that can be punched, see "Appendix", About This
 Machine 0.
- When using Punch and Combine, Double Copies, or Auto Reduce / Enlarge, the message "Orig.
 and paper orientation mismatched for Punch mode. Cancel Punch mode or change paper orientation
 in tray." may appear because of the orientation of the original and the copy paper. If this occurs,
 change the orientation of the copy paper.
- Since punch holes are made in each copy, the punch hole positions vary slightly.

■ Reference

• p.298 "Input/Output"

Fold

Copies can be folded in the following ways: Z-fold, Half fold, Letter Fold-out, Letter Fold-in, Double Parallel Fold, and Gate Fold.

• You cannot use the bypass tray with this function.

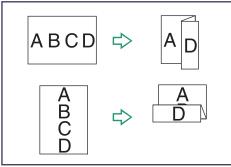


- You cannot use the following paper with this function:
 - Postcards
 - Letterhead
 - Cardstock
 - OHP transparencies
 - · Thick paper
 - Thin paper
 - Tab stock
 - Translucent paper
 - Label paper (adhesive labels)
- For details about which sizes and weights of paper that can be folded, see "Appendix", About This Machine .
- The printed side of the paper may occasionally be scratched or stained with toner depending on the paper and the conditions of the machine's environment.
- Print quality over fold lines might be reduced. This is due to cracking within the fused toner. Loss of surface along fold lines can also occur with some types of paper. To avoid possible wastage, print a single test sheet before beginning a print run.

- · Copying will stop if the number of copies exceeds tray capacity. If this happens, remove copies from the folding unit tray to resume copying.
- The capacity of the folding unit tray may vary depending on the fold settings and the condition of the paper.
- Coated paper cannot be used with the Multi-sheet Fold function.
- Paper fed from the interposer cannot be folded. However, paper fed from the twin interposer can be folded.

Z-fold

Makes two parallel folds, one of which faces in and the other facing out.



BAS061S

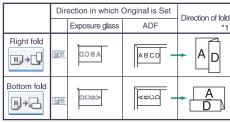
Mportant !

• You cannot use Punch with this function.

Original orientation and Z-fold position

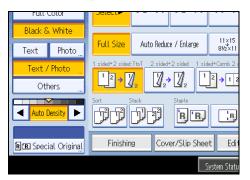
Place all the originals in the ADF in the orientation in which they can be read normally. When placing the original on the exposure glass, keep the same orientation, but set the original facing downwards.

The relationship between the orientation in which you place the original and the Z-fold positions is as follows:

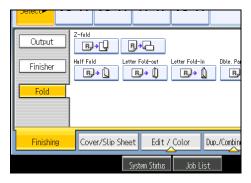


* 1 The above table shows Z-fold positions. The orientation of the paper does not indicate orientation of delivery.

1. Press [Finishing].



- 2. Press [Fold].
- 3. Select the folding direction, and then press [OK].



4. Place the originals, and then press the [Start] key.



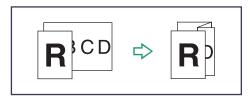
- The printed side of the paper may occasionally be scratched or stained with toner depending on the paper and the conditions of the machine's environment.
- You can specify the fold-back position in 1 mm (0.1 inch) increments under Z-fold Position in User Tools. For details about Z-fold Position, see "System Settings", Network and System Settings Reference
- For details about the number of Z-folded copies that can be stacked on the finisher trays, see "Appendix", About This Machine .
- Depending on the Z-fold settings, you may not be able to use Rotate Sort.
- Even if you place different size originals in the ADF, appropriate size of copy paper can be automatically selected and Z-folded using the Mixed Sizes mode and Auto Paper Select function. Load the paper you want to use in the paper trays beforehand.
 - Paper sizes that can be Z-folded when using the Mixed Sizes mode are as follows (the larger size paper is Z-folded):

A3□ and A4□
B4 JIS□ and B5 JIS□

A4□ and A5□

 $11 \times 17^{\square}$ and $8^{1}/_{2} \times 11^{\square}$

 $8^{1}/_{2} \times 11^{\square}$ and $5^{1}/_{2} \times 8^{1}/_{2}^{\square}$



 When Mixed Sizes mode is enabled, paper of the following sizes can be stapled after being Zfolded:

A3□ and A4□

B4 JIS□ and B5 JIS□

 $11 \times 17 \square$ and $8^{1}/_{2} \times 11 \square$

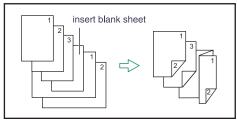
- The paper sizes that can be stapled after being Z-folded are A3□, B4 JIS□, and 11 × 17□.
- The number of Z-folded copies that can be stapled is as follows (paper weight: 80 g/m², 20 lb. Bond)
 - Finisher SR4040

5 Z-folded sheets, 4 Z-folded sheets and 0 to 10 unfolded sheets, 3 Z-folded sheets and 0 to 20 unfolded sheets, 2 Z-folded sheets and 0 to 30 unfolded sheets, 1 Z-folded sheet and 0 to 40 unfolded sheets

Finisher SR5000

10 Z-folded sheets, 9 Z-folded sheets and 0 to 10 unfolded sheets, 8 Z-folded sheets and 0 to 20 unfolded sheets, 7 Z-folded sheets and 0 to 30 unfolded sheets, 6 Z-folded sheets and 0 to 40 unfolded sheets, 5 Z-folded sheets and 0 to 50 unfolded sheets, 4 Z-folded sheets and 0 to 60 unfolded sheets, 3 Z-folded sheets and 0 to 70 unfolded sheets, 2 Z-folded sheets and 0 to 80 unfolded sheets, 1 Z-folded sheet and 0 to 90 unfolded sheets

When using this function with 1 Sided → 2 Sided and Mixed Sizes modes, always ensure that the
originals of each size are in even numbers. If you have an odd number of originals, insert blank sheets
to adjust the total.



BAT148S

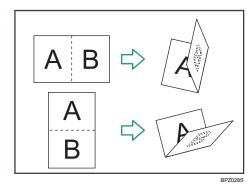
- Even if you have selected Face Up for Copy Eject Face Method in Glass Mode in User Tools, the copies will be delivered face down. For details, see "Input/Output".
- To use the Z-fold function, you must set the Z-fold support tray. For details about how to set the Z-fold support tray, see "When Z-folded Paper Is Not Properly Aligned", Troubleshooting ...
- Folded copies that are delivered to the multi-folding unit tray might be stacked with their folds open.
 If this happens, the position of the folds is unaffected and the copies will still be output in order. Stacked
 copies can be easily separated in the order they are delivered. To prevent their folded sections
 overlapping, configure the machine to deliver folded copies to the finisher upper tray or finisher shift
 tray.
- Remove the Z-fold support tray when delivering copies to the finisher shift tray or the multi-folding unit
 upper tray without using the Z-fold function. If you leave the Z-fold support tray in place, prints are
 not stacked properly.

■ Reference

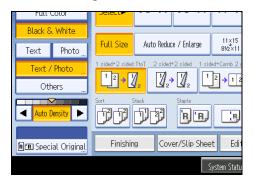
• p.298 "Input/Output"

Half Fold

Applies a single, central fold to create two equal panels.

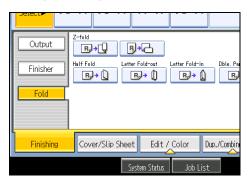


1. Press [Finishing].

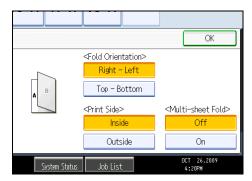


2. Press [Fold].

3. Press [Half Fold].



- 4. Press [Change].
- 5. Select Fold Orientation, Print Side, and Multi-sheet Fold.



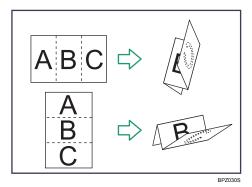
- 6. Press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



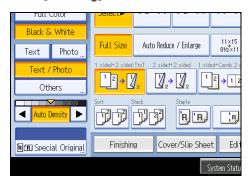
- Folded documents are delivered to the multi-folding unit only.
- You can specify the fold-back position in 1 mm (0.1 inch) increments under Half Fold Position in User Tools. For details about Half Fold Position, see "System Settings", Network and System Settings Reference.
- The Multi-sheet Fold function can fold a maximum of three sheets at a time.
- When you enable the Multi-sheet Fold function (by setting it to [On]), the Sort function is automatically
 applied also. However, the Mixed Sizes function is not available while the Multi-sheet Fold function
 is enabled.
- If the Booklet or Magazine function is set, the settings for those functions have priority.
- The following copier functions are not available when the Half Fold function is enabled:
 - Punch
 - Staple
 - · Ring Binding

Letter Fold-out

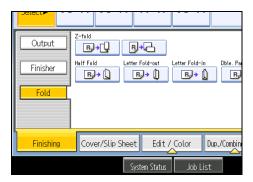
Applies two folds to create three equal panels (first panel folding inward, last panel folding outward).



1. Press [Finishing].

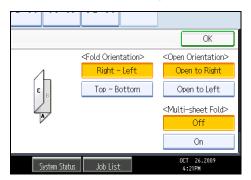


- 2. Press [Fold].
- 3. Press [Letter Fold-out].



4. Press [Change].

5. Select Fold Orientation, Open Orientation, and Multi-sheet Fold.



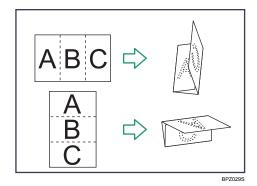
- 6. Press [OK] twice.
- Place the originals, and then press the [Start] key.



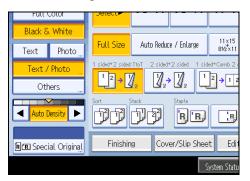
- Folded documents are delivered to the multi-folding unit only.
- You can specify the fold-back position in 1 mm (0.1 inch) increments under Letter Fold-out Position in User Tools. For details about Letter Fold-out Position, see "System Settings", Network and System Settings Reference.
- The Multi-sheet Fold function can fold a maximum of three sheets at a time.
- When you enable the Multi-sheet Fold function (by setting it to [On]), the Sort function is automatically
 applied also. However, the Mixed Sizes function is not available while the Multi-sheet Fold function
 is enabled.
- If the Booklet or Magazine function is set, the settings for those functions have priority.
- The following copier functions are not available when the Letter Fold-out function is enabled:
 - Punch
 - Staple
 - · Ring Binding
- Wrinkling can occur when applying letter fold-out to B4 JISD, A3D, 8¹/₂ × 14D, 11 × 17D, 12 × 18D, 8KD, or larger sheets. In some cases, you may have to use A4D sheets or smaller when applying folds in combination with the reduction function.

Letter Fold-in

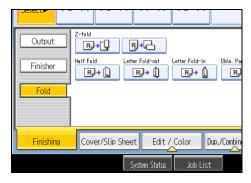
Applies two folds to create three equal panels (outer panels folding inward).



1. Press [Finishing].

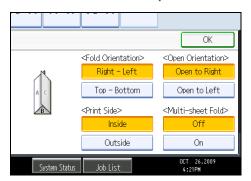


- 2. Press [Fold].
- 3. Press [Letter Fold-in].



4. Press [Change].

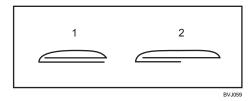
5. Select Fold Orientation, Open Orientation, Print Side, and Multi-sheet Fold.



- 6. Press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



- Folded documents are delivered to the multi-folding unit only.
- You can specify the fold-back position in 1 mm (0.1 inch) increments under Letter Fold-in Position in User Tools. For details about Letter Fold-in Position, see "System Settings", Network and System Settings Reference.
- The Multi-sheet Fold function can fold a maximum of three sheets at a time.
- When you enable the Multi-sheet Fold function (by setting it to [On]), the Sort function is automatically
 applied also. However, the Mixed Sizes function is not available while the Multi-sheet Fold function
 is enabled.
- If the Booklet or Magazine function is set, the settings for those functions have priority.
- The following copier functions are not available when the Letter Fold-in function is enabled:
 - Punch
 - Staple
 - · Ring Binding
- If you apply the Multi-sheet Fold function with letter fold-in to B5 JIS size paper, the folded sheets will
 be different in size to sheets folded without the Multi-sheet Fold function.

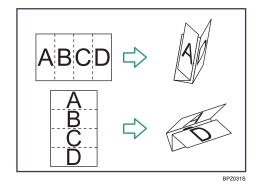


1. Multi-sheet Fold not applied

2. Multi-sheet Fold applied

Double Parallel Fold

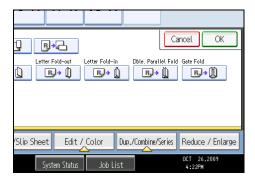
Applies two parallel folds to create four panels (center line main fold, double panel fold).



1. Press [Finishing].

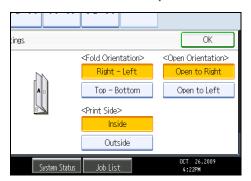


- 2. Press [Fold].
- 3. Press [Dble. Parallel Fold].



4. Press [Change].

5. Select Fold Orientation, Open Orientation, and Print Side.



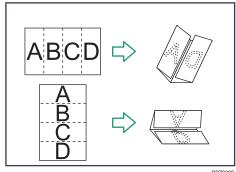
- 6. Press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



- Folded documents are delivered to the multi-folding unit only.
- You can specify the fold-back position in 1 mm (0.1 inch) increments under Double Parallel Fold Position in User Tools. For details about Double Parallel Fold Position, see "System Settings", Network and System Settings Reference.
- If the Booklet or Magazine function is set, the settings for those functions have priority.
- The following copier functions are not available when the Double Parallel Fold function is enabled:
 - Punch
 - Staple
 - Multi-sheet Fold
 - Ring Binding

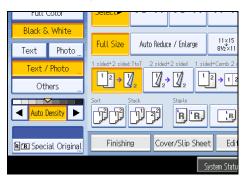
Gate Fold

Applies three folds to create four equal panels (center line main fold, outer panels folding inward without overlap).

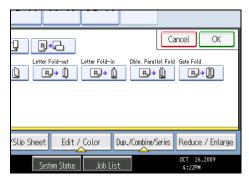


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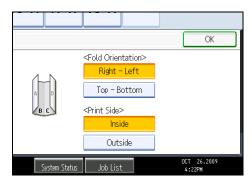
1. Press [Finishing].



- 2. Press [Fold].
- 3. Press [Gate Fold].



- 4. Press [Change].
- 5. Select Fold Orientation and Print Side.



- 6. Press [OK] twice.
- 7. Place the originals, and then press the [Start] key.



• Folded documents are delivered to the multi-folding unit only.

- You can specify the fold-back position in 1 mm (0.1 inch) increments under Gate Fold Position in User Tools. For details about Gate Fold Position, see "System Settings", Network and System Settings Reference.
- If the Booklet or Magazine function is set, the settings for those functions have priority.
- The following copier functions are not available when the Gate Fold function is enabled:
 - Punch
 - Staple
 - Multi-sheet Fold
 - Ring Binding
- Coated paper cannot be used with the Gate Fold function.
- Wrinkling can occur when applying gate fold to B4 JIS□, A3□, 8¹/2 × 14□, 11 × 17□, 12 × 18
 □, 8K□, or larger sheets. In some cases, you may have to use A4□ sheets or smaller when applying folds in combination with the reduction function.

Ring Binding

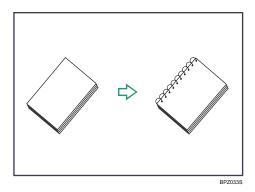
You can specify the ring binding settings using the display panel.



- The following copier functions are not available when ring binding output:
 - Booklet/Magazine
 - · Stack, Shift Stack
 - Rotate Sort, Shift Sort
 - Slip Sheet
 - Separation Sheet
 - Z-fold, Half Fold, Letter Fold-out, Letter Fold-in, Double Parallel Fold, Gate Fold
 - Copy Face Up
 - Staple/Staple (Center)
 - Punch
 - Copy from the bypass tray
- For details about paper sizes, weights, and the number of sheets that can be bound or punched, and the volume that can be output to the ring binder tray, see "Appendix", About This Machine .

Binding copies by ring comb

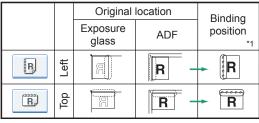
Copies are punched and then bound by ring comb.



Original orientation and binding position

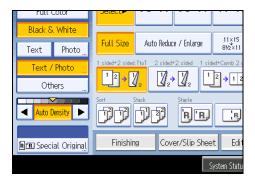
Place all the originals in the ADF in the orientation in which they can be read normally. When placing the original on the exposure glass, keep the same orientation, but set the original facing downwards.

The relationship between the orientation in which you place the original and the binding positions is as follows:



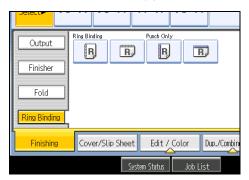
*1 The above table shows binding positioning. The orientation of the paper does not indicate direction of delivery.

1. Press [Finishing].



2. Press [Ring Binding].

3. Select one of the binding positions.



When you select a binding position, Sort is automatically selected.

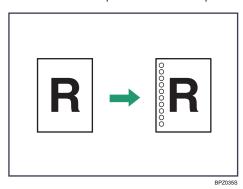
- 4. Press [OK].
- 5. Enter the number of copy sets using the number keys.
- 6. Press the [Start] key.



- When placing an original on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- When placing originals on the exposure glass, press the [#] key after all the originals have been scanned.

Punching copies for ring binding

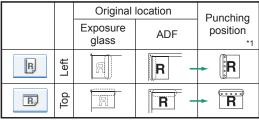
Use this function to punch holes into copies so that those copies can be inserted into a ring bound booklet.



Original orientation and binding position

Place all the originals in the ADF in the orientation in which they can be read normally. When placing the original on the exposure glass, keep the same orientation, but set the original facing downwards.

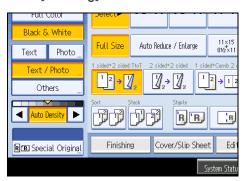
The relationship between the orientation in which you place the original and the punch hole positions is as follows:



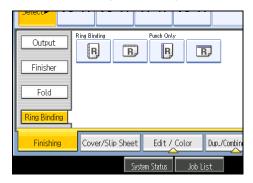
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*1 The above table shows punching positioning. The orientation of the paper does not indicate direction of delivery.

1. Press [Finishing].



- 2. Press [Ring Binding].
- 3. Select one of the punch hole positions.



- 4. Press [OK].
- 5. Enter the number of copy sets using the number keys.
- 6. Press the [Start] key.



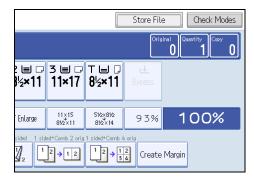
- When placing an original on the exposure glass, start with the first page to be copied. When placing originals in the ADF, set so that the first page is on the top.
- When placing originals on the exposure glass, press the [#] key after all the originals have been scanned.

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.



- Machine failure can result in data loss. Important data stored on the hard disk should be backed up.
 The manufacturer shall not be responsible for any damage that might result from the loss of data.
- 1. Press [Store File].



2. Enter a file name, user name, or password if necessary.



- 3. Press [OK].
- 4. Place the originals.
- 5. Make the scanning settings for the original.
- 6. Press the [Start] key.

Stores scanned originals in memory and makes one set of copies.



• To stop scanning, press the [Clear/Stop] key. To resume a paused scanning job, press [Continue] in the confirmation display. To delete scanned images and cancel the job, press [Stop]. The originals placed in the ADF will be ejected.

- When placing an original on the exposure glass, press the [#] key after all the originals have been scanned.
- Data stored in the Document Server is set to be deleted after three days (72 hours) by the factory
 default. You can specify the period after which the stored data is deleted automatically under Auto
 Delete File in Document Server in User Tools. For details about changing settings, see "System
 Settings", Network and System Settings Reference.
- To check if the document has been stored, press the [Document Server] key.
- If you want to store another document, do so after copying is complete.
- For details about the Document Server, see "Using the Document Server".
- For details about printing stored documents, see "Printing Stored Documents".
- For details about setting user name, file name, and password, see "Using the Document Server".
- Depending on the security setting, Access Privileges may appear instead of User Name. For details about Access Privileges, consult the administrator.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 🚳.

Reference

- p.252 "Using the Document Server"
- p.261 "Printing Stored Documents"

Managing Jobs

Jobs printed using Copy, Document Server, or Printer mode are temporarily stored in the machine, and then executed in order. The Job List function allows you to manage these jobs.

For example, you can cancel incorrect job settings or print an urgent document.



- You cannot use the Job List function when Interrupt Copy is active.
- Documents printed using the scanner function and facsimile function are not displayed in the job list.
- You can specify the time interval between print jobs under Time Interval between Printing Jobs in User Tools. For details about this setting, see "System Settings", Network and System Settings Reference
 To print jobs continuously without intervals, press [Start Printing] in the right side of the control screen. [Start Printing] appears only when [Job Order] is selected.

Job List Screen

This section explains displays and icons that appear in the Job List screen.

The Job List screen varies depending on whether Job Order is selected with Print Priority for the System Settings. For details about the setting procedure, see "System Settings", Network and System Settings Reference ...

When [Job Order] is not selected:

The job list is displayed for each of the functions.



When [Job Order] is selected:

The job list is displayed for all functions in the order of print jobs.

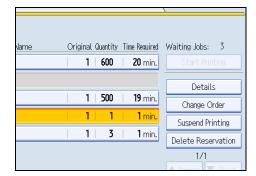


- 1. Switches between job lists for each function.
- 2. Switches between [Current / Waiting Job List] and [Job History].
- 3. Displays reserved job numbers.
- 4. Displays the function used to print jobs.
 - D: Job printed using copy function
 - 3: Job printed using printer function
 - D: Job printed using Document Server function
 - : Job printed using Web Image Monitor

Checking Jobs in the Job List

You can check the contents of jobs in the job list.

- 1. Press [Job List].
- 2. Select the job whose contents you want to check.
- 3. Press [Details], and then check the contents.

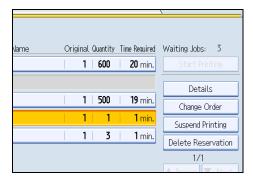


4. Press [Exit].

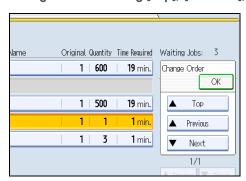
Changing the Order of Jobs

You can change the order of jobs in the job list.

- 1. Press [Job List].
- 2. Select the job whose order you want to change.
- 3. Press [Change Order].



4. Change the order using [Top], [Previous], or [Next].



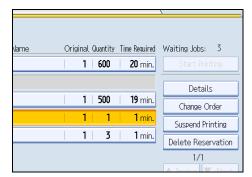
5. Press [OK].

Holding Jobs

You can hold jobs that are queued or currently printing.

- 1. Press [Job List].
- 2. Select the job you want to hold.

3. Press [Suspend Printing].



The selected job and the jobs that follow it are suspended. "Suspended" is displayed at the left of the jobs in the job list that are suspended.

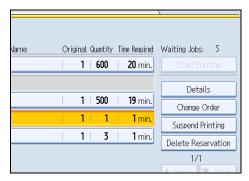


- To resume the suspended jobs, press [Resume Printing].
- This function is available only if [Job Order] is specified.

Deleting Jobs

You can delete a job that is queued or currently printing.

- 1. Press [Job List].
- Select the job you want to delete.To delete two or more print jobs, select them.
- 3. Press [Delete Reservation].



4. Press [OK].

Checking the Job History

You can view the history and contents of completed print jobs.

- 1. Press [Job List].
- 2. Press [Job History].

A list of completed print jobs appears.

- 3. Select the job whose contents you want to check.
- 4. Press [Details], and then check the contents.
- 5. Press [Exit].

Registering Frequently Used Functions

You can store frequently used copy job settings in the machine memory and recall them for future use.

You can store up to 10 programs.

The settings you can register are Color Mode, Paper Tray, Original Type, Density, Special Original, Original Orientation, Cover/Slip Sheet, Edit/Color, Dup./Combine/Series, Reduce / Enlarge, Finishing, Store File, and number of copies.



- When a specified program is registered as the default, its values become the default settings, which
 are displayed without pressing the [Program] key, when modes are cleared or reset, and after the
 operation switch is turned on. See "Changing the Default Functions of the Copy's Initial Display".
- Paper settings are stored based on paper size. So if you place more than one paper tray of the same size, the paper tray prioritized under System Settings in User Tools will be selected first. For details, see "System Settings", Network and System Settings Reference.
- Programs are not deleted by turning the power off or by pressing the [Clear Modes] key.

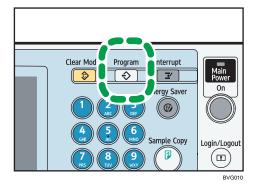
Reference

• p.124 "Changing the Default Functions of the Copy's Initial Display"

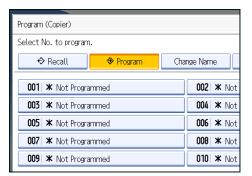
Registering Functions in a Program

You can register functions in a program.

- 1. Edit the copy settings so all functions you want to store in a program are selected.
- 2. Press the [Program] key.

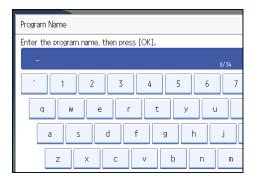


3. Press [Program].



- 4. Press the program number you want to store.
- 5. Enter the program name with the letter keys on the display panel.

You can enter up to 34 characters.



6. Press [OK].

The screen returns to the program screen, showing the program number followed by the program name. The screen returns to the initial copy display after a short time.



- Program numbers with ♦ against them already have settings made for them.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 🚳.

Changing a Stored Program

Changes program settings.

- 1. Check the program settings.
- 2. Specify the contents of a program.
- 3. Press the [Program] key.
- 4. Press [Program].

- 5. Press the program number you want to change.
- 6. Press [Yes].
- 7. Enter the program name.

You can enter up to 34 characters.

8. Press [OK].

The screen returns to the program screen, showing the program number followed by the program name. The screen returns to the initial copy display after a short time.

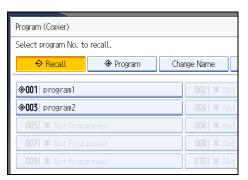


- To check the contents of a program, recall the program.
- When it is overwritten, the previous program is deleted.

Recalling a Stored Program

Recalls a stored program to make copies using the stored settings.

- 1. Press the [Program] key.
- 2. Press [Recall].



3. Press the program number you want to recall.

The stored settings are displayed.



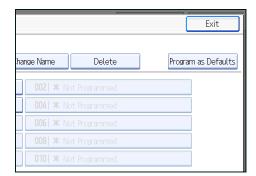
• Only programs with $\ \ \$ against them contain a program.

Deleting a Stored Program

Erases the contents of a program.

1. Press the [Program] key.

2. Press [Delete].



- 3. Press the program number you want to delete.
- 4. Press [Yes].

The program is deleted, and the display returns to the initial copy display.

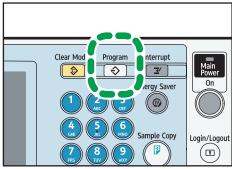
Changing the Default Functions of the Copy's Initial Display

You can configure the settings of the initial screen so that the default display contains the functions you use most often.

For example: if the default selection is the Duplex function, but the function you use most frequently is 1-sided copying, you can change the default selection to 1-sided copying instead.

The settings you can register as defaults are Color Mode, Paper Tray, Original Type, Density, Special Original, Original Orientation, Cover/Slip Sheet, Edit/Color, Dup./Combine/Series, Reduce / Enlarge, Finishing, Store File, and number of copies.

- 1. Specify scan settings and any other settings you require on the initial display.
- 2. Press the [Program] key.



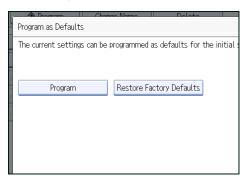
BVG0

3. Press [Program as Defaults].

		Exit
hange Name	Delete	Program as Defaults
002 × No		
004 * No	ot Programmed	
006 * No		
008 * No		
010 * No	ot Programmed	

9

4. Press [Program].



5. When a confirmation dialog appears, press [Yes].

The current settings are programmed as defaults. The screen returns to the initial display.



- To restore the factory default settings on the initial display, press [Restore Factory Defaults].
- The default settings can be programmed separately for the normal screen and simplified display screens.

3. Color Copying

This chapter describes how to make color copies and adjust color and image quality.

Color Functions

This section describes functions that are used for color copying.

Selecting a Color Mode

Select a color mode that suits your originals and copying requirements.

For color images, see "Available Color Functions".

The following three color modes are available:

Auto Color Select

Judges the color of the original automatically, and copies either in full color or black and white.

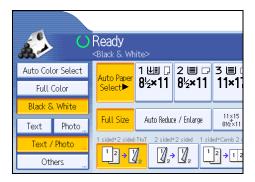
Full Color

Copies by overlaying yellow, magenta, cyan and black.

Black & White

Copies in black regardless of the color of the original.

1. Select a color mode.



2. Place the originals, and then press the [Start] key.



- To use a user color, you need to register it beforehand. For details, see "User Color".
- When copied using the registered color, the original will be copied lighter than the registered color.
- For examples of what you can do with the color functions, see "Available Color Functions".

- p.11 "Available Color Functions"
- p.140 "User Color"

Convert Colors

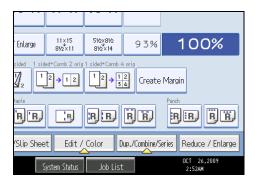
Copies by changing a certain color in the original to another color.



- Up to four colors can be converted at the same time.
- To use this function, [Full Color] must be selected.
- If any other color mode is selected, you cannot select [Convert Color].
- 1. Press [Full Color].



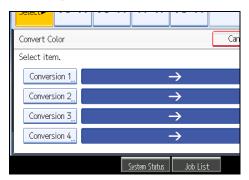
2. Press [Edit / Color].



3. Press [Color], and then press [Convert Color].

3

4. Select any one item from [Conversion 1] to [Conversion 4].



- 5. Selects the color to be converted.
- 6. Selects the new color.

You can adjust the density of the color in four steps.

To select user color, press [User Color], and then select the color.

To change more than two colors, repeat steps 4 to 6.

- 7. After selecting all colors to be converted, press [OK] three times.
- 8. Place the originals, and then press the [Start] key.



- The width of the color to be converted can be adjusted in five levels. When the width of the color is set to [Wider] under Color Sensitivity in User Tools and red has been specified, colors close to orange and purple will be converted. You can change the setting. For details about Color Sensitivity, see "Adjust Color Image".
- To change the converted color, press from [Conversion 1] to [Conversion 4], and then make the selection again.
- The full color counter will advance by "1".
- For examples of what you can do with the color functions, see "Available Color Functions".

■ Reference

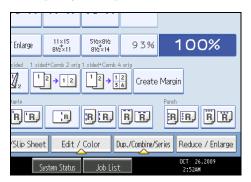
- p.11 "Available Color Functions"
- p.303 "Adjust Color Image"

Erase Color

Copies by erasing a certain color in the image of the original.

1. Select a color mode.

2. Press [Edit / Color].



- 3. Press [Color], and then press [Erase Color].
- 4. Select the color to be erased.



Up to four colors can be erased at the same time.

- 5. After selecting all colors to be erased, press [OK] twice.
- 6. Place the originals, and then press the [Start] key.



- The width of the color to be converted can be adjusted in five levels. When the width of the color is set to [Wider] under Color Sensitivity in User Tools and red has been specified, colors close to orange and purple will be converted. You can change the setting. For details about Color Sensitivity, see "Adjust Color Image".
- To cancel the selection, press the selected (highlighted) key.
- When the Full Color Copy is selected, the full color counter will advance by "1". When the Black & White is selected, the mono-color counter will advance by "1".
- For examples of what you can do with the color functions, see "Available Color Functions".

Reference

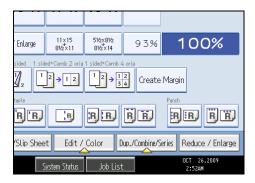
- p.11 "Available Color Functions"
- p.303 "Adjust Color Image"

Color Background

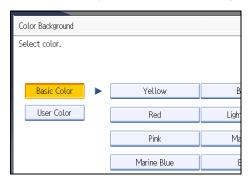
Copies by adding a color in the whole page.

Mportant (

- Since the Color Background function overprints the entire original, the color of the image may change.
- 1. Select a color mode.
- 2. Press [Edit / Color].



- 3. Press [Color], and then press [Color Background].
- 4. Select the background color, and then press [OK] twice.



You can adjust the density of the color in four steps.

To select user color, press [User Color], and then select the color.

5. Place the originals, and then press the [Start] key.



- To cancel the selection, press the selected (highlighted) key.
- When the Full Color is selected, the full color counter will advance by "1". When the Black & White is selected, the mono-color counter will advance by "1".

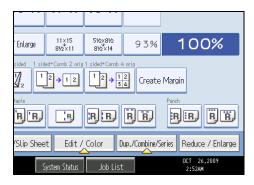
Adjusting Color and Image Quality

This section describes how to adjust color balance and image quality. Also explains how to register user colors.

Color Balance

Adjusts the overall color tone when the copy is reddish or bluish.

1. Press [Edit / Color].



- 2. Press [Color], and then press [Adjust Color].
- 3. Press [Color Balance].
- 4. Adjust the color balance by pressing [Lighter] or [Darker].



5. Press [OK] twice.



- The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been
 performed, when the [Clear Modes] key has been pressed or when the power has been turned off.
- For explanations about and examples of what you can do with the color adjustment function, see "Available Color Functions".

3





• p.11 "Available Color Functions"

Color Balance Program

You can store the color balance setting as a color balance program and recall it when you want to use it. You can store up to three programs.

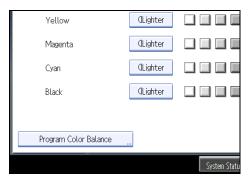


If you want to change the registered settings, register them one more time. In this case, the previously
registered settings will be overwritten.

Registering the adjusted color balance

Register adjusted color balance settings so that you can use them later.

- 1. Adjust the color balance.
- 2. Press [Program Color Balance].



- 3. Press [Program].
- 4. Select a program number (1-3).

The color balance setting will be registered in the selected number.

5. Press [OK] twice.



- If you select the program number key where \circ is displayed, the previously registered settings will be overwritten.
- For details about how to adjust the color balance, see "Color Balance".

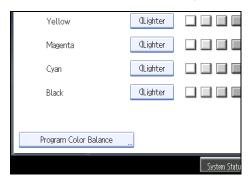
Reference

• p.132 "Color Balance"

Changing the color balance

Changes the settings stored in color balance programs.

- 1. Press [Edit / Color].
- 2. Press [Color], and then press [Adjust Color].
- 3. Press [Color Balance], and then press [Program Color Balance].



4. Select the program number (1-3) to be changed.

The programmed color balance appears.

- 5. Change the registered settings.
- 6. Press [Program Color Balance].
- 7. Press [Program], and then press the program number to be overwritten.
- 8. Press [Yes].

The program is overwritten.

9. Press [OK] twice.

Recalling the color balance

Applies settings registered in color balance programs to the copy job.

- 1. Press [Edit / Color].
- 2. Press [Color], and then press [Adjust Color].
- 3. Press [Color Balance], and then press [Program Color Balance].
- 4. Select the program number you want to use.
- 5. Press [OK] twice.



The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been
performed, when the [Clear Modes] key has been pressed, or when the power has been turned off.

Deleting the color balance

Deletes the settings stored in color balance programs.

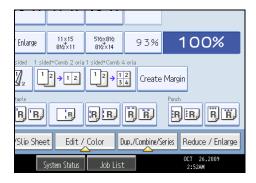
- 1. Press [Edit / Color].
- 2. Press [Color], and then press [Adjust Color].
- 3. Press [Color Balance], and then press [Program Color Balance].
- 4. Press [Delete], and then select the program number you want to delete.
- 5. Press [Yes].
- 6. Press [OK] twice.

Color Adjustment

Adjusts the specific colors (yellow, red, magenta, blue, cyan, and green) by mixing them with adjacent colors in the color circle.

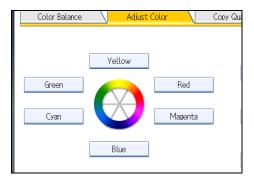
You can adjust up to three colors from yellow, red, magenta, blue, cyan, or green.

- This function is not available if Black & White is selected.
- 1. Press [Edit / Color].



- 2. Press [Color], and then press [Adjust Color].
- 3. Press [Adjust Color].
- 4. Select the colors you want to adjust.

You can select up to three colors.



- 5. Adjust the color tastes using [←] or [→].
- 6. Press [OK] twice.



- The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been performed, when the [Clear Modes] key has been pressed or when the power has been turned off.
- For explanations about and examples of what you can do with the color adjustment function, see "Available Color Functions".

Reference

• p.11 "Available Color Functions"

Image Adjustment

Adjusts image qualities.

The following five types of image adjustments are available:

Sharp / Soft

Adjusts the outline of an image.

Contrast

Adjusts the shades of an image.

Background Density

Adjusts the background density of an image.

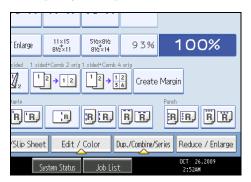
Adjust U.C.R.

Adjusts the amount of black toner to express vividly the black areas in an image.

Text / Photo Sensitivity

Adjusts the standard level in judging the image in the text and photo part when using "Text / Photo".

1. Press [Edit / Color].



- 2. Press [Color], and then press [Adjust Color].
- 3. Press [Copy Quality].
- 4. Adjust the settings.



5. Press [OK] twice.



- [Sharp / Soft], [Contrast], and [Background Density] can each be adjusted, however, their
 adjustments can affect the level of other adjustment functions.
- The adjusted settings will be deleted and the initial values will be reset, when Auto Clear has been performed, when the [Clear Modes] key has been pressed or when the power has been turned off.
- For types and examples of the image adjustment functions, see "Available Color Functions".

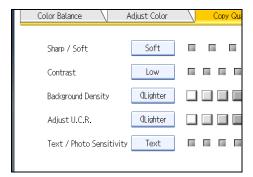
Reference

• p.11 "Available Color Functions"

Sharp / Soft

Adjusts the outline of an image.

1. Adjust the image quality by pressing [Soft] or [Sharp].

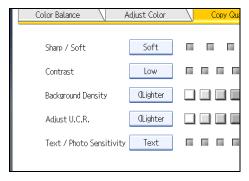


2. Press [OK].

Contrast

Adjusts the shades of an image.

1. Adjust the image quality by pressing [Low] or [High].

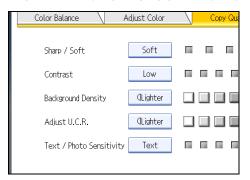


2. Press [OK].

Background Density

Adjusts the background density of an image.

1. Adjust the image quality by pressing [Lighter] or [Darker].



2. Press [OK].

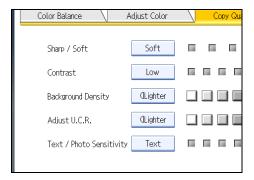


- Adjustments should be made lighter when copying dark textured originals, such as newspaper or recycled paper.
- Adjustments should be made darker when darkening the color of markers or highlighters. However,
 as the color of highlighters is difficult to reproduce, the copy might not come out depending on the
 color or a different color might be copied.

Adjust U.C.R.

Adjusts the amount of black toner to express vividly the black areas in an image.

1. Adjust the image quality by pressing [Lighter] or [Darker].

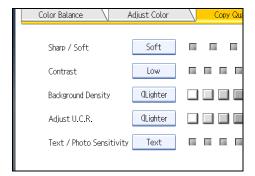


2. Press [OK].

Text / Photo Sensitivity

Adjusts the standard level in judging the image in the text and photo part when using "Text / Photo".

1. Adjust the image quality by pressing [Text] or [Photo].



2. Press [OK].



• Specify the original type to Text when parts of the texts are faded or are not clear. Set it to Photo when the outline of photos becomes dark.

User Color

You can register user colors made by adjusting the density of yellow, magenta, cyan, and black. You can also name the colors you register, and print out a list of user colors.

You can create colors by:

- Adjusting the density of primary colors based on a chosen basic color.
- Directly specifying the density of primary colors using the number keys.



- When copying using user colors, the fine shades might vary depending on the condition of the machine.
- In order to correctly reproduce originals, the values, which have been input, are corrected inside the
 machine, and copies are made using the best suitable values. Therefore, there might be slight color
 differences when copying using Text and when using Photo.
- Up to 15 colors can be registered.
- Sample prints of user colors can be made on an A4D, $8^{1}/_{2} \times 11D$, A3D, or $11 \times 17D$ size paper.
- When printing a list of user colors, the full color counter will advance by "1".
- For explanations about and examples of what you can do with the color adjustment function, see
 "Available Color Functions".

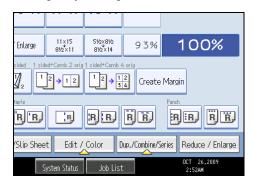
■ Reference

• p.11 "Available Color Functions"

Adjusting colors based on the selected color

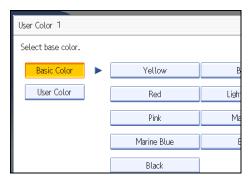
Creates colors by adjusting the density of primary colors based on a chosen basic color.

1. Press [Edit / Color].



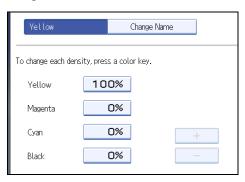
- 2. Press [Color], and then press [User Color].
- 3. Press [Program], and then select the number (01-15) for the color you want to register.
- 4. Select the color to be used as base color from the basic and user colors.

The density of primary colors for the selected color is displayed.



To select user color, press [User Color], and then select the color.

5. Select the color whose density is to be specified, and then specify the density in percentages using [+] or [-].



You can also specify the density by pressing [Adjust with Number Keys].

- 6. Check the settings, and then press [OK].
- 7. Press [OK] twice.



 Selecting a user color key that is indicated by a solid line will change (overwrite) the contents of that color.

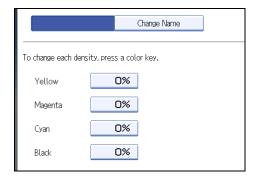
Creating colors by specifying the density of primary colors with number keys

Creates colors by directly specifying the density of primary colors using the number keys.

- 1. Press [Edit / Color].
- 2. Press [Color], and then press [User Color].
- 3. Press [Program], and then select the number (01-15) for the color you want to register.
- 4. Press [Custom Setting].



- 5. Select the color whose density is to be specified.
- 6. Enter the density using the number keys, and then press [#].



Repeat steps 5-6 if you want to specify the density of multiple colors.

You can also specify the density by pressing [Adjust with [+] [-]].

7. Check the settings, and then press [OK].

8. Press [OK] twice.



 Selecting a user color key that is indicated by a solid line will change (overwrite) the contents of that color.

Changing the user color name

Changes the user color.

- 1. Press [Edit / Color].
- 2. Press [Color], and then press [User Color].
- 3. Press [Program], and then select the number (01-15) for the color you want to rename.
- 4. Select the color you want to rename.
- 5. Press [Change Name].
- 6. Enter the name of the color (up to 16 characters), and then press [OK].
- 7. Press [OK] three times.

Deleting user colors

Deletes user colors.



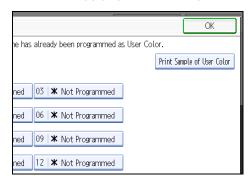
- You can not delete colors registered in the program or user colors that are currently being used.
- 1. Press [Edit / Color].
- 2. Press [Color], and then press [User Color].
- 3. Press [Delete].
- 4. Select the number of the user color you want to delete.
- 5. Press [Yes].
- 6. Press [OK] twice.

Printing a list of user colors

Prints a list of user colors.

- 1. Press [Edit / Color].
- 2. Press [Color], and then press [User Color].

3. Check the copy paper, and then press [Print Sample of User Color].



The list of user colors is output in the copy tray or the finisher upper tray.



• The list will be copied on a A4D, $8^1/_2 \times 11D$, A3D, or $11 \times 17D$ sheet.

4. Advanced Copying

This chapter describes the procedure for making copies in various modes.

Adjusting Copy Image Density

There are three types of adjustment available.

Auto image density

The machine automatically adjusts the image density by scanning the densities of originals. Dark texture originals (such as newspaper or recycled paper) will be copied so that background will not be reproduced.

Manual image density

You can adjust the density of the overall original in nine steps.

Combined auto and manual image density

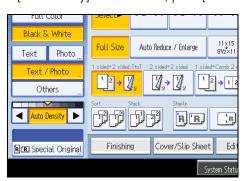
Adjusts the density of an image only for dark texture originals.

Auto Image Density

The machine automatically adjusts the image density by scanning the densities of originals. Dark texture originals (such as newspaper or recycled paper) will be copied so that background will not be reproduced.

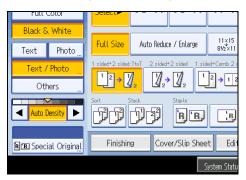
1. Make sure that [Auto Density] is selected.

If [Auto Density] is not selected, press [Auto Density].



Manual Image Density

You can adjust the density of the overall original in nine steps.

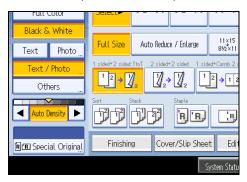


2. Press [◀] or [▶] to adjust the image density. The density indicator "▽" moves.

Combined Auto and Manual Image Density

Adjusts the density of an image only for dark texture originals.

Make sure [Auto Density] is selected.
 If [Auto Density] is not selected, press [Auto Density].



2. Press [◀] or [▶] to adjust the density. The density indicator "▽" moves.

Selecting the Original Type

Select an original type that is suitable for your originals.

There are eight original types available:

Text

For originals that contain mainly text or printed characters.

Photo

For Photographs or pictures.

- Glossy Photo: Use when copying developed photographs
- Printed Photo: Use when copying photographs or pictures that are printed on paper (e.g. magazines)
- Copied Photo: Use when copying copies or originals generated by color copiers

Text / Photo

For originals that contain both text and photographs or pictures.

Generation Copy

For originals that are copied. The copy image can be reproduced sharply and clearly.

Pale

For originals that have lighter lines written in pencil, or faintly copied slips.

Map

For map originals.

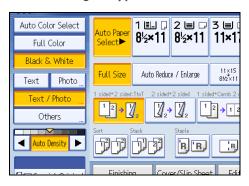
Highlight Pen

For originals marked with a highlighter pen.

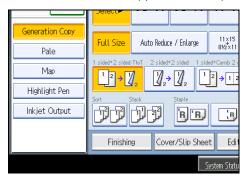
Inkjet Output

For originals that are printed by inkjet. Specify the color balance that is closest to that of the original. There are three settings available.

1. Select the original type.



• To select [Generation Copy], [Pale], [Map], [Highlight Pen], or [Inkjet Output], select [Others] first.



- You can change the settings for original types shown on the initial display under General Features in User Tools. For details, see "General Features".
- You can select whether or not to display the keys for the original on the initial display under Original
 Type Display in User Tools. For details about Original Type Display, see "General Features".

■ Reference

• p.275 "General Features"

Selecting Copy Paper

Select paper you want to copy onto.

There are two ways to select copy paper:

Auto Paper Select

The machine selects a suitable size of copy paper automatically based on the detected original size and the reproduction ratio you select.

Manual Paper Select

Select the tray containing the paper you want to copy onto: a paper tray, the bypass tray, the LCT, or the wide LCT. For details, see "Sizes difficult to detect".

See the following table for original sizes and orientations that can be used with Auto Paper Select (when copying at a ratio of 100%):

Metric version

Original location	Original size and orientation
Exposure glass	A3, B4 JIS, A4, D, B5 JIS, 8 ¹ / ₂ × 13
ADF	A3D, B4 JISD, A4DD, B5 JISDD, A5DD, B6 JISDD, 8 ¹ / ₂ × 13D, 11 × 17D, 8 ¹ / ₂ × 11DD

Inch version

Original location	Original size and orientation
Exposure glass	$11 \times 17^{\Box}$, $8^{1}/_{2} \times 14^{\Box}$, $8^{1}/_{2} \times 11^{\Box}$
ADF	A3 \Box , A4 \Box D \Box , 11 × 17 \Box , 8 $^{1}/_{2}$ × 14 \Box , 8 $^{1}/_{2}$ × 11 \Box D \Box , 5 $^{1}/_{2}$ × 8 $^{1}/_{2}$ D \Box , 10 × 14 \Box , 7 $^{1}/_{4}$ × 10 $^{1}/_{2}$ D \Box

UNote

• Only the paper trays set to [Do not Display] or [Recycled Paper] in Paper Type and also set to [Yes] in Apply Auto Paper Select under Tray Paper Settings can be selected in Auto Paper Select mode. For details, see "System Settings", Network and System Settings Reference.

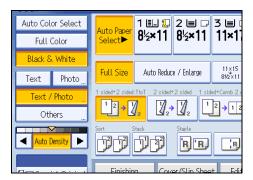
Reference

• p.28 "Sizes difficult to detect"

The machine selects a suitable size of copy paper automatically based on the detected original size and the reproduction ratio you select.

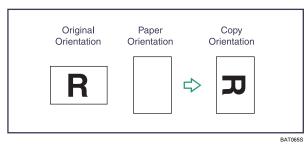
1. Make sure that [Auto Paper Select] is selected.

Trays with a key mark (will not be automatically selected. For details about which trays are unavailable when [Auto Paper Select] is applied, see "System Settings", Network and System Settings Reference .



Rotate copy

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 to fit it on the paper.



U Note

- This function works when Auto Paper Select or Auto Reduce / Enlarge is selected. See "Auto Paper Select" and "Auto Reduce / Enlarge".
- The default setting for Auto Tray Switching is [With Image Rotation]. You cannot use the Rotate Copy if this setting is changed to [Without Image Rotation] or [Off]. For details about Auto Tray Switching, see "General Features".
- The Rotate Copy function is not available in combination with certain finishing settings.



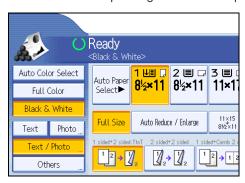
- p.65 "Auto Reduce / Enlarge"
- p.150 "Auto Paper Select"
- p.275 "General Features"

Manual Paper Select

Select the tray containing the paper you want to copy onto: a paper tray, the bypass tray, the LCT, or the wide LCT.

1. Select the tray you want to use.

The indicator corresponding to the selected paper tray is highlighted.



Advanced Reduce / Enlarge Copying

This section describes the advanced functions for reducing or enlarging images.

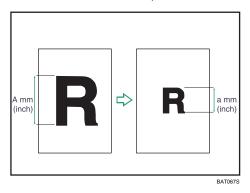
For details about the basic reduce/enlarge copy functions, see "Reducing or Enlarging Originals".



• p.61 "Reducing or Enlarging Originals"

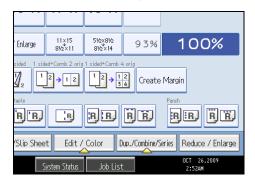
Size Magnification

This function calculates a reproduction ratio based on the lengths of the original and copy.



Measure and specify the lengths of the original and copy by comparing "A" with "a".

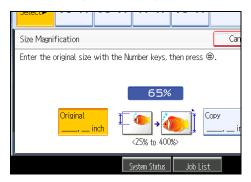
1. Press [Reduce / Enlarge].



2. Press [Size Magnification].



3. Enter the length of the original with the number keys, and then press [#].



You can enter sizes between 1 to 999 mm (0.1 to 99.9 inches) in increments of 1 mm (0.1 inch).

- 4. Enter the length of the copy with the number keys, and then press [#].
- 5. Press [OK] twice.

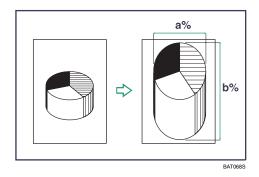


- To change the value you entered, press the key you want to change, and then enter a new value.
- If the calculated ratio is over the maximum or under the minimum ratio, it is automatically adjusted to
 within available range. However, with some ratios, parts of the image might not be copied or margins
 will appear on copies.
- The machine selects reproduction ratios of between 25-400%.

Directional Magnification (%)

Specify the horizontal and vertical reproduction ratios, individually.

Copies can be reduced or enlarged at different reproduction ratios horizontally and vertically.



a: Horizontal ratio

b: Vertical ratio



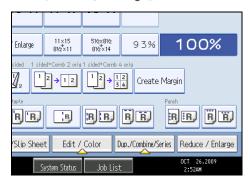
• The reproduction ratios you can specify are 25-400%.

When entering a percentage ratio, you can specify any value in the permitted range, regardless of
original or copy paper size. However, depending on settings and other conditions, part of the image
may not be copied, or margins will appear on copies.

Specifying the ratio with [-] and [+]

Specify a ratio using [-] and [+].

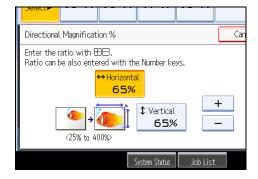
1. Press [Reduce / Enlarge].



- 2. Press [Direct. Mag. %].
- 3. Press [[+] [-] keys].



- 4. Press [Horizontal].
- 5. Adjust the ratio using [-] and [+].



Pressing [—] or [+] changes the ratio in increments of 1%. Pressing and holding down [—] or [+] changes it in increments of 10%.

- 6. Press [Vertical].
- 7. Adjust the ratio with [-] and [+].
- 8. Press [OK] twice.

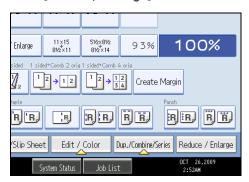


• To change the value you entered, readjust it with [-] and [+].

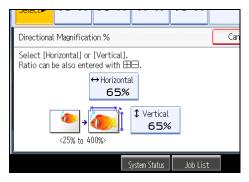
Entering the ratio with the number keys

Enter a ratio using the number keys.

1. Press [Reduce / Enlarge].



- 2. Press [Direct. Mag. %].
- 3. Press [Horizontal].



- 4. Enter the desired ratio with the number keys, and then press [#].
- 5. Press [Vertical].
- 6. Enter the desired ratio with the number keys, and then press [#].
- 7. Press [OK] twice.

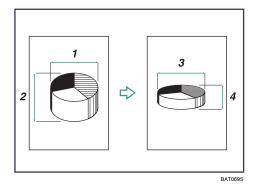


To change the value you entered, press the key you want to change, and then enter a new value.

Directional Size Magnification (inch)

Specify the horizontal and vertical lengths of the original and copy image.

Copies can be reduced or enlarged at different reproduction ratios horizontally and vertically.



1. Horizontal original size: A mm (inch)

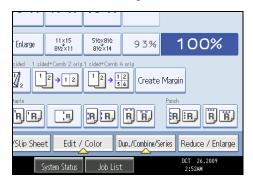
2. Vertical original size: B mm (inch)

3. Horizontal copy size: a mm (inch)

4. Vertical copy size: b mm (inch)

Measure and specify the lengths of the original and copy by comparing "A" with "a" and "B" with "b".

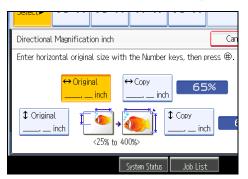
1. Press [Reduce / Enlarge].



2. Press [Dir. Size Mag. inch].



3. Enter the horizontal size of the original with the number keys, and then press [#].



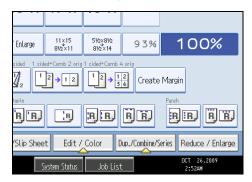
- 4. Enter the horizontal size of the copy with the number keys, and then press [#].
- 5. Enter the vertical size of the original with the number keys, and then press [#].
- 6. Enter the vertical size of the copy with the number keys, and then press [#].
- 7. Press [OK] twice.



- The horizontal and vertical length of an original can be entered in steps of 1 mm (0.1 inch). The horizontal length of an original can be 1 to 9999 mm (0.1 to 99.9 inches); the vertical length of an original can be 1 to 999 mm (0.1 to 99.9 inches). The horizontal and vertical length of copies can also be entered in steps of 1 mm (0.1 inch). Both the horizontal and vertical length of copies can be 1 to 999 mm (0.1 to 99.9 inches).
- To change the value you entered, press the key you want to change, and then enter a new value.
- The machine selects reproduction ratios of between 25-400%.
- When entering a size in mm (inch), if the calculated ratio is over the maximum or under the minimum
 ratio, it is automatically adjusted to within available range. However, with some ratios, parts of the
 image might not be copied or margins will appear on copies.

Create Margin

Reduces the image to 93% of its original size and places the reduced image at the center. By combining it with the Reduce / Enlarge functions, you can further increase a margin.



2. Select the reproduction ratio, if necessary.



• You can change the ratio for Create Margin under Reproduction Ratio in User Tools. For details about Reproduction Ratio, see "Reproduction Ratio".

■ Reference

• p.280 "Reproduction Ratio"

Stamps

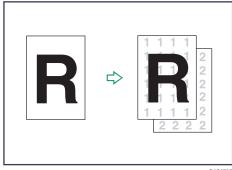
Copies with the date, page numbers, etc.

The stamp color can be yellow, red, cyan, magenta, green, blue, and black.

Background Numbering

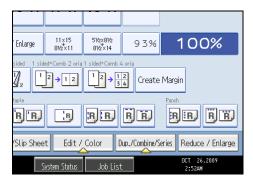
Use this function to have numbers printed on the background of copies.

If this function is used in conjunction with Sort, the same numbers are printed on each set of copies, helping you keep track of confidential documents.

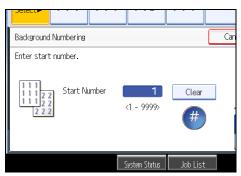


BAS070

1. Press [Edit / Color].



- 2. Press [Stamp].
- 3. Press [Background Numbering].



You can change the stamp color.

5. Press [OK] twice.



- To change the value you entered, press [Clear], and then enter a new value.
- When the Full Color is selected, the full color counter will advance by "1".
- The default color is black.
- You can enter a number between 1 and 9999.
- You can change the settings for Background Numbering under Stamp in User Tools. For details about Stamp, see "Stamp".
- The numbers appear to overlap the copied image in some cases.

■ Reference

• p.288 "Stamp"

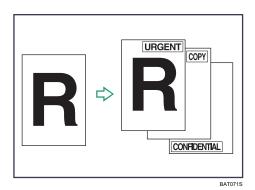
Changing the stamp color

Changes the stamp color.

- 1. Press [Stamp Color] under Stamp Color.
- 2. Select the stamp color, and then press [OK].

Preset Stamp

Messages are stamped on copies.



Important

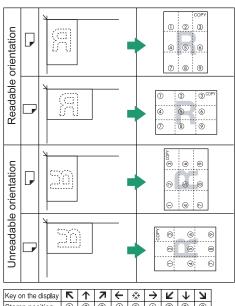
- You cannot use the bypass tray with this function.
- Only one message can be stamped at a time.

The following eight messages are available for Preset Stamp:

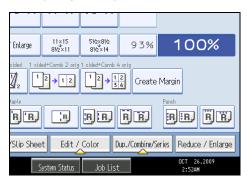
"COPY", "URGENT", "PRIORITY", "For Your Info.", "PRELIMINARY", "For Internal Use Only", "CONFIDENTIAL", "DRAFT"

Stamp position and original orientation

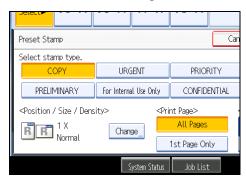
The stamp positions differ according to the orientation in which you place the originals.



 Key on the display
 ↑ ↑ ↑ ↓



- 2. Press [Stamp].
- 3. Press [Preset Stamp].
- 4. Select the desired message.



You can change the color, position, size, and density of the stamp.

- 5. Press [All Pages] or [1st Page Only] to select the print page.
- 6. After making all settings, press [OK].
- 7. Press [OK].



- When the Full Color is selected, the full color counter will advance by "1".
- The default color is black.
- You can change the settings for Preset Stamp under Stamp in User Tools. Depending on the setting, density may change. For details about Stamp, see "Stamp".
- Depending on paper size, if you change the stamp size, parts of the stamp might not be printed.

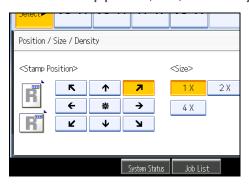
Reference

• p.288 "Stamp"

Changing the stamp position, size and density

Changes the stamp position, size and density.

- 1. Press [Change] under Position / Size / Density.
- 2. Select the stamp position, size, and density, and then press [OK].



Changing the stamp color

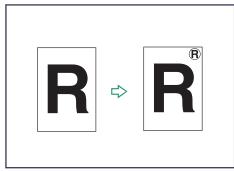
Changes the stamp color.

- 1. Press [Stamp Color] under Stamp Color.
- 2. Select the stamp color, and then press [OK].

User Stamp

Copies a scanned image as a stamp.

Letters or images you use frequently can be registered.



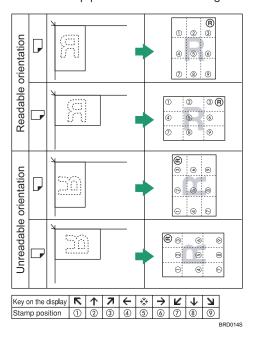
BAS073S

• You have to register a user stamp before using this function. For details, see "Registering the user stamp".

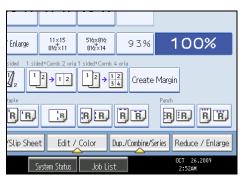
- You cannot use the bypass tray with this function.
- Only one message can be stamped each time.

Stamp position and original orientation

The user stamp positions differ according to the orientation in which you place the originals.

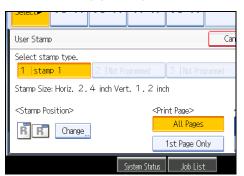


1. Press [Edit / Color].



- 2. Press [Stamp].
- 3. Press [User Stamp].

4. Select the stamp you require.



You can change the stamp color and position.

- 5. Press [All Pages] or [1st Page Only] to select the print page.
- 6. After making all settings, press [OK].
- 7. Press [OK].



- When the Full Color is selected, the full color counter will advance by "1".
- The default color is black.
- You can change the settings for User Stamp under Stamp in User Tools. For details about Stamp, see "Stamp".

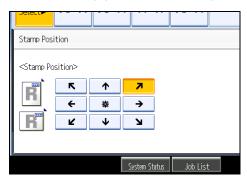
Reference

- p.166 "Registering the user stamp"
- p.288 "Stamp"

Changing the user stamp position

Changes the stamp position.

1. Press [Change] under Stamp Position.



Changing the stamp color

Changes the stamp color.

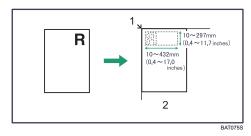
- 1. Press [Stamp Color] under Stamp Color.
- 2. Select the stamp color, and then press [OK].

Registering the user stamp

Scans an image that is used as a user stamp.

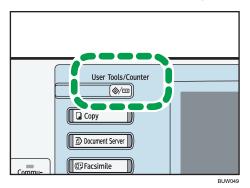
The range of stamp images is 10 - 297 mm (0.4 - 11.7 inches) high and 10 - 432 mm (0.4 - 17.0 inches) wide. However, if the value exceeds the maximum value of the area (5,000 mm², 7.75 inch²), it is corrected within the range of the area automatically.

Up to four frequently used images can be stored in memory.



- 1. Base point
- 2. Exposure glass

1. Press the [User Tools/Counter] key.



2. Press [Copier / Document Server Features].



- 3. Press [Stamp].
- 4. Press [User Stamp].
- 5. Press [Program / Delete Stamp].
- 6. Press [Program], and then press the stamp number you want to program.
- 7. Enter the user stamp name (up to 10 characters) with the letter keys, and then press [OK].
- 8. Enter the horizontal size of the stamp with the number keys, and then press [#].
- 9. Enter the vertical size of the stamp with the number keys, and then press [#].
- 10. Place the original for user stamp on the exposure glass, and then press [Start Scanning]. The original will be scanned, and the stamp will be registered.
- 11. Press [Exit].
- 12. Press [Exit].

The display returns to the User Tools / Counter / Inquiry screen.

13. Press [Exit].

Exits settings and gets ready to copy.



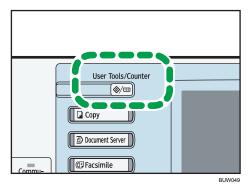
- Stamp numbers with � already have settings in them. Stamp numbers that are not registered yet are marked with "Not Programmed".
- If the stamp number is already being used, the machine will ask you if you want to overwrite it. Press [Yes] or [Stop].
- You cannot restore the overwritten stamp.
- Originals cannot be scanned from the ADF when programming the user stamp.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 🚳.

Deleting the user stamp

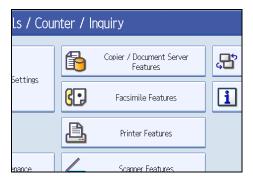
Deletes an image registered as a user stamp.

You cannot restore a deleted stamp.

1. Press the [User Tools/Counter] key.



2. Press [Copier / Document Server Features].



- 3. Press [Stamp].
- 4. Press [User Stamp].
- 5. Press [Program / Delete Stamp].

- 6. Press [Delete], and then press the stamp number you want to delete.
- 7. Select [Yes], and then press [Exit].
- 8. Press [Exit].

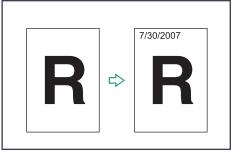
The display returns to the User Tools / Counter / Inquiry screen.

9. Press [Exit].

Exits settings and gets ready to copy.

Date Stamp

Use this function to print dates on your copies.



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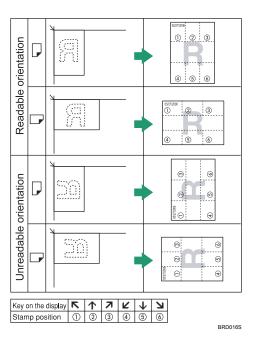
• You cannot use the bypass tray with this function.

You can select from the following styles:

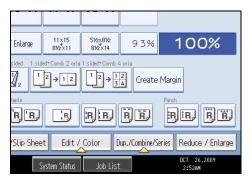
- MM/DD/YYYY
- MM.DD.YYYY
- DD/MM/YYYY
- DD.MM.YYYY
- YYYY.MM.DD

Stamp position and original orientation

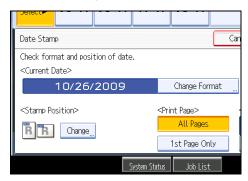
The date stamp positions differ according to the orientation in which you place the originals.



1. Press [Edit / Color].



- 2. Press [Stamp].
- 3. Press [Date Stamp].
- 4. Select the stamp format.



You can change the color, style, and position of the date.

- 5. Press [All Pages] or [1st Page Only] to select the print page.
- 6. After making all settings, press [OK].
- 7. Press [OK].



- The default color is black.
- You can change the settings for Date Stamp under Stamp in User Tools. For details about Stamp, see "Stamp".
- When Date Stamp is used Combine, Magazine, or Booklet function, the date stamp is printed as follows:
 - With the Combine function



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• With the Magazine or Booklet function



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■ Reference

• p.288 "Stamp"

Changing the format of date

Changes the format of date.

1. Press [Change Format] under Current Date.

Changing the date stamp position

Changes the stamp position.

- 1. Press [Change] under Stamp Position.
- 2. Select the stamp position, and then press [OK].



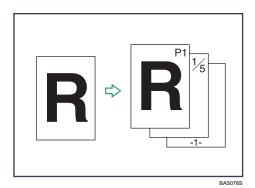
Changing the date stamp color

Changes the stamp color.

- 1. Press [Stamp Color] under Stamp Color.
- 2. Select the stamp color, and then press [OK].

Page Numbering

Use this function to print page numbers on your copies.



• You cannot use the bypass tray with this function.

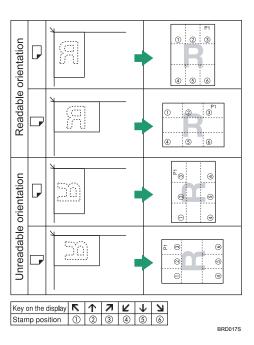
Page number formats

There are six formats available for page numbering.

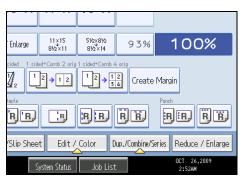
- P1,P2...
- 1/5,2/5...
- -1-,-2-...
- P.1,P.2...
- 1, 2...
- 1-1,1-2...

Stamp position and original orientation

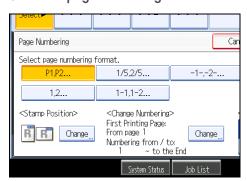
The page stamp positions differ according to the orientation in which you place the originals.



1. Press [Edit / Color].



- 2. Press [Stamp].
- 3. Press [Page Numbering].
- 4. Select the page numbering format.



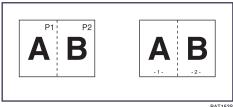
You can change the stamp color, position, pages to be stamped, and numbering.

- 5. After making all settings, press [OK].
- 6. Press [OK].

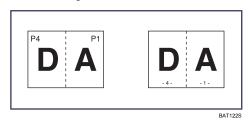


- The default color is black.
- You can change the settings for Page Numbering under Stamp in User Tools. For details about Stamp, see "Stamp".
- You can change the stamp position if Combine or Duplex is specified for use with this function under Duplex Back Page Stamping Position or Page Numbering in Combine in User Tools. For details about these settings, see "Stamp".
- When Page Numbering is used with Combine, Magazine, or Booklet function, page numbers are printed as follows:
 - Per Original is selected in Page Numbering in Combine:

With 1 Sided/2 Sided using the Combine function

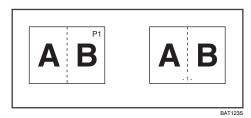


With the Magazine or Booklet function



• Per Copy is selected in Page Numbering in Combine:

With 1 Sided/2 Sided using the Combine function



• If you combine this function with the Duplex (Top to Top) function and select [P1,P2...] or [1/5,2/5...], page numbers on the back are printed as follows:

- 1. Front
- 2. Back

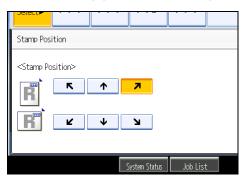


• p.288 "Stamp"

Changing the stamp position

Changes the stamp position.

- 1. Press [Change] under Stamp Position.
- 2. Select the stamp position, and then press [OK].



Changing the stamp color

Changes the stamp color.

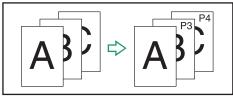
- 1. Press [Stamp Color] under Stamp Color.
- 2. Select the stamp color, and then press [OK].

Specifying the first printing page and start number ("P1,P2...", "-1-,-2-...", "P.1,P.2...", "1,2...")

Specify the first printing page and start number.

The example below shows when the first printing page is "2" and the start number is "3".

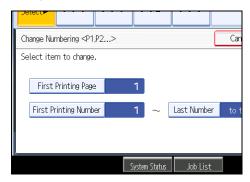




BAS080S

In the following procedure, "P1, P2..." is selected, but the procedure is the same regardless of the format you select.

- 1. Press [Change] under Change Numbering.
- 2. Press [First Printing Page], enter the original sheet number from which to start printing, and then press [#].



- 3. Press [First Printing Number], enter the number of page from which to start numbering with the number keys, and then press [#].
- Press [Last Number], enter the number of the page at which to stop numbering with the number keys, and then press [#].

If you want to number all pages to the end, press [to the End].

To change the number entered, press [Clear] and then enter a new number.

- 5. After making all settings, press [OK].
- 6. Press [OK] twice.

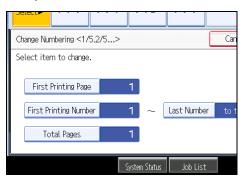


- The last number is the last page number to print. For example, if Total Pages is ten, when you want to print up to seven pages and do not want to print from page 8 on, enter "7" for Last Number. Normally, you do not need to enter the number.
- You can set a value from 1 to 9999 for [First Printing Page], [First Printing Number], and [Last Number].

Specifying the first printing page and start number ("1/5,2/5...")

Specify the first printing page and start number.

- 1. Press [Change] under Change Numbering.
- 2. Press [First Printing Page], enter the original sheet number from which to start printing, and then press [#].



- 3. Press [First Printing Number], enter the number of page from which to start numbering with the number keys, and then press [#].
- 4. Press [Last Number], enter the number of page at which to stop numbering with the number keys, and then press [#].

If you want to number all pages to the end, press [to the End].

5. Press [Total Pages], enter the total number of original pages with the number keys, and then press [#].

To change the number entered, press [Clear] and then enter a new number.

- 6. After making all settings, press [OK].
- 7. Press [OK] twice.



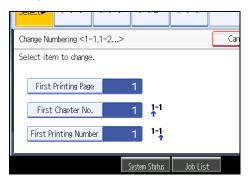
- The last number is the last page number to print. For example, if Total Pages is ten, when you want to print up to seven pages and do not want to print from page 8 on, enter "7" for Last Number. Normally, you do not need to enter the number.
- You can set a value from 1 to 9999 for [First Printing Page], [First Printing Number], [Last Number], and [Total Pages].

Specifying the first printing page and start number ("1-1,1-2...")

Specify the first printing page and start number.

1. Press [Change] under Change Numbering.

2. Press [First Printing Page], enter the original sheet number from which to start printing, and then press [#].



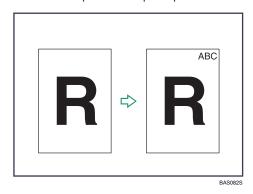
- Press [First Chapter No.], enter the chapter number from which to start numbering with the number keys, and then press [#].
- 4. Press [First Printing Number], enter the page number from which to start printing with the number keys, and then press [#].
- 5. When page designation is complete, press [OK].
- 6. Press [OK] twice.



- You can set a value from 1 to 9999 for [First Printing Page], [First Printing Number], and [First Chapter No.].
- To change the value you entered, press [Clear], and then enter the new value.

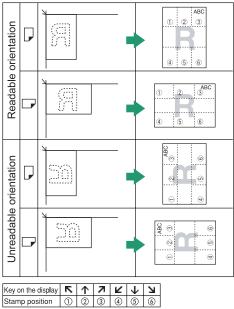
Stamp Text

You can stamp text on copies up to 64 letters.



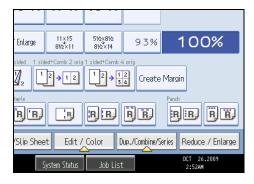
• You cannot use the bypass tray with this function.

The stamp positions differ according to the orientation in which you place the originals.



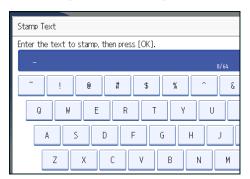
BRD018S

1. Press [Edit / Color].



- 2. Press [Stamp].
- 3. Press [Stamp Text].
- 4. Press [Change Text].

5. Enter stamp text, and then press [OK].



You can change the stamp color and position.

- 6. Press [All Pages] or [1st Page Only] to select the print page.
- 7. After making all settings, press [OK].
- 8. Press [OK].



- When the Full Color is selected, the full color counter will advance by "1".
- The default color is black.
- If the main power is turned off, the text is cleared. To save the typed text, you can register them in a program. For details about Program, see "Registering Frequently Used Functions".
- You can change the settings for Stamp Text under Stamp in User Tools. For details about Stamp, see "Stamp".
- Depending on the stamp position, parts of the text might not be copied.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 ②.

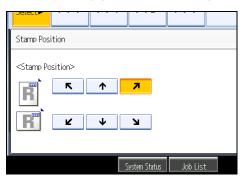
Reference

- p.120 "Registering Frequently Used Functions"
- p.288 "Stamp"

Changing the stamp position

Changes the stamp position, size and density.

1. Press [Change] under Stamp Position.



Changing the stamp color

Changes the stamp color.

- 1. Press [Stamp Color] under Stamp Color.
- 2. Select the stamp color, and then press [OK].

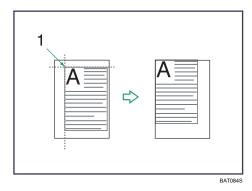
4

Advanced Copier Functions

This section describes the machine's advanced copy functions.

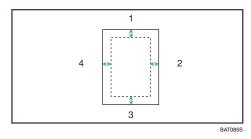
Scan Position

You can move the scanning position of originals.

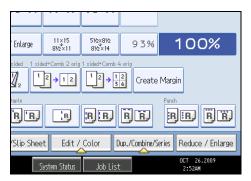


1. Point from which the machine begins scanning

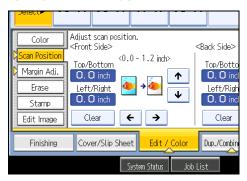
You can move the scanning position up to 30 mm (1.2 inches) in 1 mm (0.1 inch) increments upward, downward, to left and to right.



- 1. Top: 0 30 mm, 0 1.2 inches
- 2. Right: 0 30 mm, 0 1.2 inches
- 3. Bottom: 0 30 mm, 0 1.2 inches
- 4. Left: 0 30 mm, 0 1.2 inches



- 2. Press [Scan Position].
- 3. Specify the scanning position for the front side of the original.



4. Specify the scanning position for the back side of the original. Then press [OK].

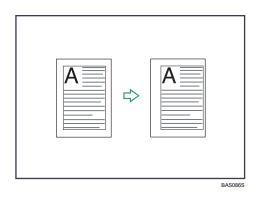
If you don't need to set the scanned position of the back side of the original, press [OK].



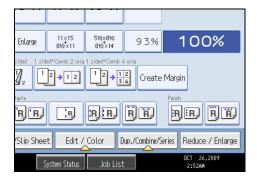
- To change the value you entered, press [←], [→], [↓] or [↑], or press [Clear], and then specify a new value
- Press $[\, \downarrow \,]$ and $[\, \uparrow \,]$ to set the top or bottom position. Press $[\, \leftarrow \,]$ and $[\, \rightarrow \,]$ to set the left or right position.
- The scanning position for the back side of the original is valid only when you are copying 2-sided originals.
- If you are copying one-sided originals with duplex printing enabled, odd pages will be printed using
 the scanning position specified for the front sides of originals, and even pages will be printed using
 the scanning position specified for the back sides of originals.

Margin Adjustment

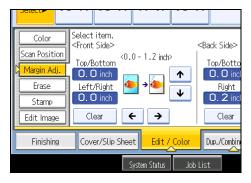
Copies originals leaving a binding margin.



1. Press [Edit / Color].



- 2. Make sure that [Margin Adj.] is selected. If [Margin Adj.] is not selected, press [Margin Adj.].
- 3. Specify a binding margin for the front side pages.



4. Specify a binding margin for the back side pages. Then press [OK].

If you do not need to specify the margins for the back side pages, press [OK].



- To change the value you entered, press [←], [→], [▶] or [↑], or press [Clear], and then specify a new value.
- Press $[\Psi]$ and $[\uparrow]$ to set the top or bottom position. Press $[\vdash]$ and $[\lnot]$ to set the left or right position.
- You can set the binding margin up to 30 mm (1.2 inches) in 1 mm (0.1 inch) increments.

- Margin on the back side of the page is valid when 1 Sided \Rightarrow 2 Sided or Combine 2 Sides is selected.
- You can change the settings for Margin Adjustment under Edit in User Tools. For details about Edit, see "Edit".
- If you set a binding margin that is too wide, part of the image may not be copied.
- When making copies in Combine mode, the binding margin is added to the copies after the combination is finished.



• p.282 "Edit"

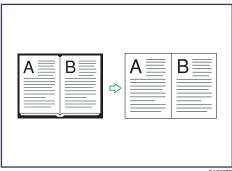
Erase Center / Border

This function erases the center and/or all four sides of the original image.

This function has the following three types:

Erase Border

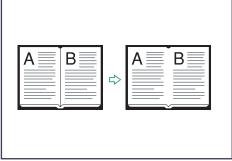
Erases the edge margin of the original image.



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Erase Center

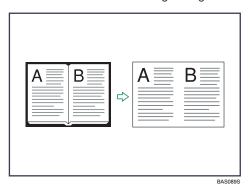
Erases the center margin of the original image.



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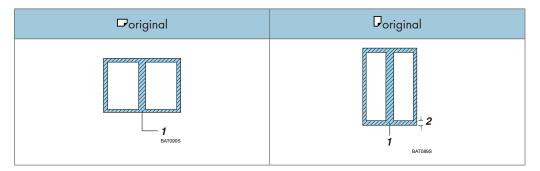
Erase Center / Border

Erases both the center and edge margins of the original image.





• The relationship between the original orientation and the erased part is as follows:



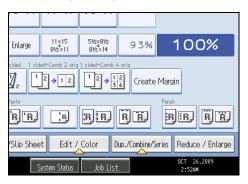
- 1. Erased part
- 2. 2 99 mm (0.1 3.9 inches)
- To erase the image on the back side of the original, press [2 Sided Setting] and then [Back Side]. Erasing the image on the back side is valid when you copy 2-sided originals.
- The erase width is set to 10 mm (0.4 inch) as a default. You can change this setting under Edit in User Tools. For details about Edit, see "Edit".
- The width of the erased margin varies depending on the reproduction ratio.



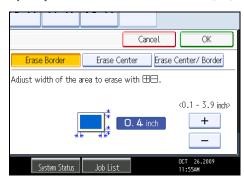
• p.282 "Edit"

Erase Border (same width)

Erases the edge margin of the original image.



- 2. Press [Erase].
- 3. Press [Erase Center / Border].
- 4. Press [Erase Border].
- 5. Press [Same Width].
- 6. Specify an erase border width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

7. Press [OK] twice.

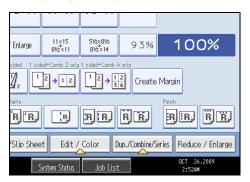


• To change the value you entered, press [+] and [-], and then specify a new value.

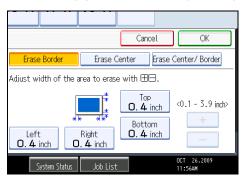
Erase Border (different width)

Erases the edge margins of the original image.

1. Press [Edit / Color].



- 2. Press [Erase].
- 3. Press [Erase Center / Border].
- 4. Press [Erase Border].
- 5. Press [Different Width].
- 6. Press the key you want to change and specify an erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

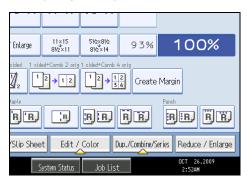
7. Press [OK] twice.



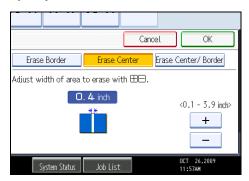
• To change the value you entered, press [+] and [-], and then specify a new value.

Erase Center

Erases the center margin of the original image.



- 2. Press [Erase].
- 3. Press [Erase Center / Border].
- 4. Press [Erase Center].
- 5. Specify the erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

6. Press [OK] twice.

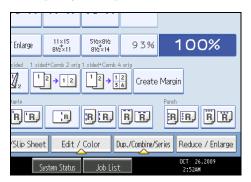


• To change the value you entered, press [+] and [-], and then specify a new value.

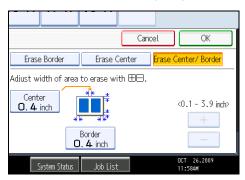
Erase Center / Border (same width)

Erases both the center and edge margins of the original image.

1. Press [Edit / Color].



- 2. Press [Erase].
- 3. Press [Erase Center / Border].
- 4. Press [Erase Center / Border].
- 5. Press [Same Width].
- 6. Press [Center], and then specify the erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

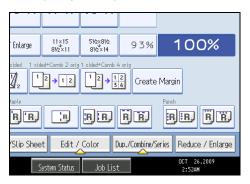
- 7. Press [Border], and then specify the erase width with [+] and [-].
- 8. Press [OK] twice.



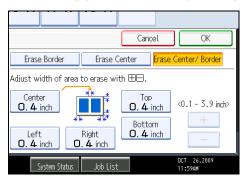
• To change the value you entered, press [+] and [-], and then specify a new value.

Erase Center / Border (different width)

Erases both the center and edge margins of the original image.



- 2. Press [Erase].
- 3. Press [Erase Center / Border].
- 4. Press [Erase Center / Border].
- 5. Press [Different Width].
- 6. Press the key you want to change and specify an erase width with [+] and [-].



Pressing [+] or [-] changes the width in increments of 1 mm (0.1 inch). Pressing and holding down the relevant key changes the width in increments of 10 mm (1 inch).

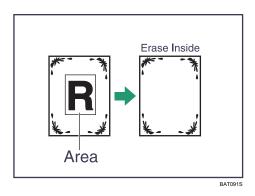
7. Press [OK] twice.



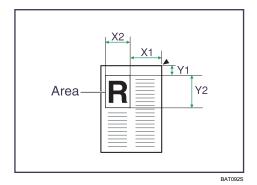
• To change the value you entered, press [+] and [-], and then specify a new value.

Erase Inside

Use this function to copy the original while erasing a specified area.



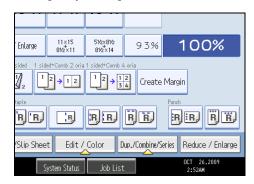
To specify the area you want to erase, you must define the positions where the machine starts scanning (X1, Y1) and where it stops scanning (X2, Y2) on the original. Measure the area you want to specify before entering the area settings.



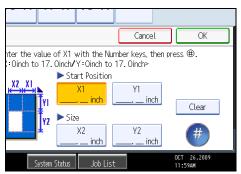
X1, X2: 0 - 432 mm (0 - 17 inches)

Y1, Y2: 0 - 432 mm (0 - 17 inches)

1. Press [Edit / Color].



- 2. Press [Erase].
- 3. Select one of the areas from [Erase Inside 1] to [Erase Inside 5].



- 5. Enter the length of [Y1] with the number keys, and then press [#].
- 6. Enter the length of [X2] with the number keys, and then press [#].
- 7. Enter the length of [Y2] with the number keys, and then press [#].

If you want to erase the image on the back side of the original, press [2 Sided Setting] and then [Back Side].

Erasing the image on the back side is valid when you copy 2-sided originals.

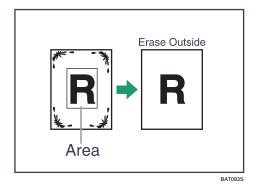
- 8. Press [OK].
- 9. To specify multiple areas, select areas 1 to 5, and then repeat steps 4 to 8.
- 10. Press [OK].



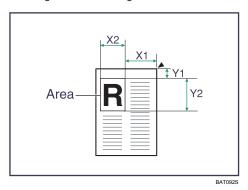
- To change the value you entered, press the key you want to change, and then enter a new value.
- By combining "Erase Inside 1" "Erase Inside 5", you can erase up to 5 areas at the same time.

Erase Outside

Use this function to copy the original while erasing outside of a specified area.



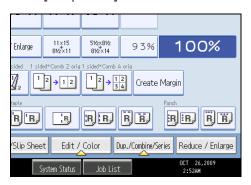
To specify the area you want to erase, you must define the positions where the machine starts scanning (X1, Y1) and where it stops scanning (X2, Y2) on the original. Measure the area you want to specify before entering the area settings.



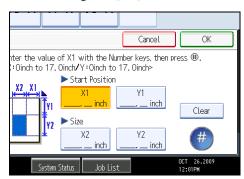
X1, X2: 0 - 432 mm (0 - 17 inches)

Y1, Y2: 0 - 432 mm (0 - 17 inches)

1. Press [Edit / Color].



- 2. Press [Erase].
- 3. Press [Erase Outside].
- 4. Enter the length of [X1] with the number keys, and then press [#].



5. Enter the length of [Y1] with the number keys, and then press [#].

- 6. Enter the length of [X2] with the number keys, and then press [#].
- 7. Enter the length of [Y2] with the number keys, and then press [#].

If you want to erase the image on the back side of the original, press [2 Sided Setting] and then [Back Side].

Erasing the image on the back side is valid when you copy 2-sided originals.

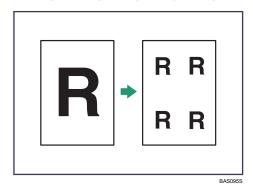
8. Press [OK] twice.



• To change the value you entered, press the key you want to change, and then enter a new value.

Image Repeat

The original image is copied repeatedly.



There are two ways to specify an image to be repeated.

Whole Area Repeat

Repeatedly copies the entire image.

Specified Area Repeat

Repeatedly copies a specified area of the image.



- You can change the settings for Image Repeat under Edit in User Tools. For details about Edit, see "Edit".
- · Depending on the paper size, ratio, and orientation, parts of repeated images may not be copied.



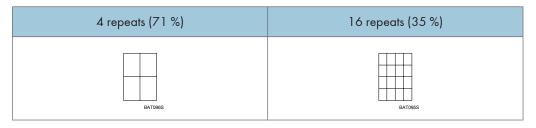
• p.282 "Edit"

Whole Area Repeat

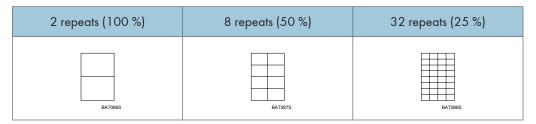
Repeatedly copies the entire image.

The number of repeated images depends on the original size, paper size, and reproduction ratio. For example, see the following table:

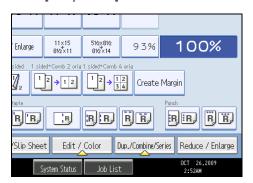
Original: A5/Copy paper: A4, Original: A5/Copy paper: A4, Original: $5^1/_2 \times 8^1/_2$ /Copy paper: $8^1/_2 \times 11$, or Original: $5^1/_2 \times 8^1/_2$ /Copy paper: $8^1/_2 \times 11$



Original: A5/Copy paper: A4, Original: A5/Copy paper: A4, Original: $5^1/_2 \times 8^1/_2$ /Copy paper: $8^1/_2 \times 11$, or Original: $5^1/_2 \times 8^1/_2$ /Copy paper: $8^1/_2 \times 11$



- 1. Select the size of copy paper and the reproduction ratio.
- 2. Press [Edit / Color].

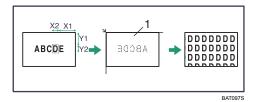


- 3. Press [Edit Image].
- 4. Press [Image Repeat].
- 5. Make sure that [Whole Area] is selected, and then press [OK].
- 6. Press [OK].

Repeatedly copies a specified portion of the image.

- You cannot use this function from the ADF.
- If Margin Adjustment is selected, cancel the setting.

To specify the area you want to repeat, you have to define the value of X1, Y1, X2, and Y2 on the original. Measure the area you want to specify before entering the area settings.



1. Set the original on the exposure glass

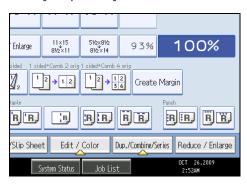
X1: 0 - 412 mm (0 - 16.2 inches)

X2: 20 - 432 mm (0.8 - 17.0 inches)

Y1: 0 - 277 mm (0 - 10.8 inches),

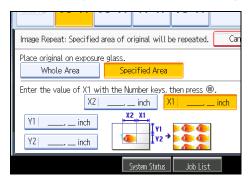
Y2: 20 - 297 mm (0.8 - 11.6 inches).

- 1. Select the size of copy paper and the reproduction ratio.
- 2. Press [Edit / Color].



- 3. If Margin Adjustment is selected, press [Margin Adj.] to cancel it.
- 4. Press [Edit Image].
- 5. Press [Image Repeat].
- 6. Press [Specified Area].

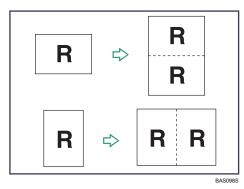
7. Enter the length of [X1] with number keys, and then press [#].



- 8. Enter the length of [Y1] with the number keys, and then press [#].
- 9. Enter the length of [X2] with the number keys, and then press [#].
- 10. Enter the length of [Y2] with the number keys, and then press [#].
- 11. Press [OK] twice.

Double Copies

One original image is copied twice on one sheet.



Mportant (

- You cannot use the bypass tray with this function.
- The following original size cannot be detected properly on the exposure glass. Be sure to select the copy paper manually or place the originals in the ADF.
 - Metric Version
 A5□□, B6 JIS□□
 - Inch Version
 5¹/₂ × 8¹/₂□□

See the following table for original and copy paper sizes when using a 100% ratio:

Metric version

Original size and Orientation	Copy paper size and Orientation
A5 □	A4 🖵
B6 JIS □	B5 JIS 🖵
A4 🕽	A3 □
A5 🖵	A4 🗗
B5 JIS □	B4 JIS □
B6 JIS □	B5 JIS □

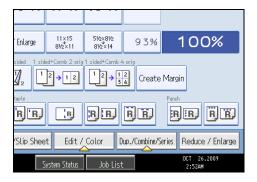
BCY0085

Inch version

Original size and Orientation	Copy paper size and Orientation
5 ¹ / ₂ × 8 ¹ / ₂ □	8 ¹ / ₂ × 11 □
$5^{1/2} \times 8^{1/2}$	8 ¹ / ₂ × 11 □
8¹/2 × 11	11 × 17 □

BAT100S

1. Press [Edit / Color].



- 2. Press [Edit Image].
- 3. Press [Double Copies].
- 4. Press [OK].
- 5. Select the paper size.



• You can change the settings for Double Copies under Edit in User Tools. For details about Edit, see "Edit".

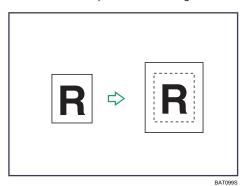
Reference

• p.282 "Edit"

4

Centering

You can make copies with the image moved to the center of the copy paper.



• You cannot use the bypass tray with this function.

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

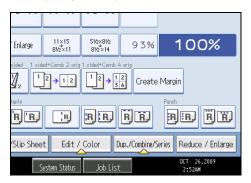
Metric version

Original location	Original size and orientation
Exposure glass	A3□, B4 JIS□, A4□□, B5 JIS□□, 81/2 × 13□
ADF	A3□, B4 JIS□, A4□□, B5 JIS□□, A5□□, B6 JIS□□, 8¹/2 × 13□, 11 × 17□, 8¹/2 × 11□□

Inch version

Original location	Original size and orientation
Exposure glass	$11 \times 17^{\Box}$, $8^{1}/_{2} \times 14^{\Box}$, $8^{1}/_{2} \times 11^{\Box}$
ADF	A3 \Box , A4 \Box \Box , 11 × 17 \Box , 8 $^{1}/_{2}$ × 14 \Box , 8 $^{1}/_{2}$ × 11 \Box \Box , 5 $^{1}/_{2}$ × 8 $^{1}/_{2}$ \Box \Box , 10 × 14 \Box , 7 $^{1}/_{4}$ × 10 $^{1}/_{2}$ \Box

1. Select the paper size.



- 3. Press [Edit Image].
- 4. Press [Centering].
- 5. Press [OK].

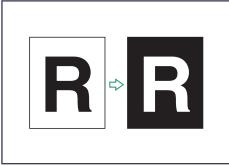


• Though the original is set to a different orientation from the paper loaded, the machine will not rotate the image by 90 degrees (Rotate copy).

Positive/Negative

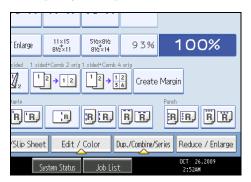
Copies an image inverted.

If your original is black and white, copy images are inverted. If your original is color, the density, darkness and brightness of each color will be reversed and inverted to complimentary colors.



BAS100S

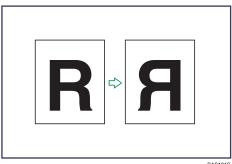
1. Press [Edit / Color].



- 2. Press [Edit Image].
- 3. Press [Positive / Negative].
- 4. Press [OK].

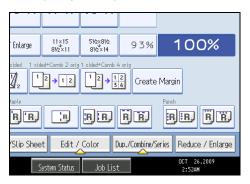
Mirror Image

Copies by reversing the image from left to right, as reflected in a mirror.



BAS101S

• If Margin Adjustment is selected, cancel the setting.

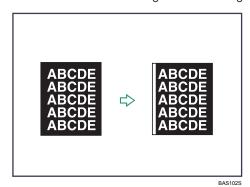


- 2. If Margin Adjustment is selected, press [Margin Adj.] to cancel it.
- 3. Press [Edit Image].
- 4. Press [Mirror Image].
- 5. Press [OK].

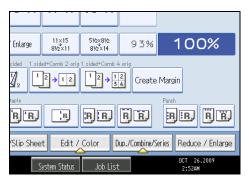
3 Edges Full Bleed

You can make full image copy by cutting down the margin of top, bottom, and right sides.

This function is useful for originals full of image.



1. Press [Edit / Color].



- 2. Press [Edit Image].
- 3. Press [3 Edges Full Bleed].
- 4. Press [OK].



• Do not attempt Duplex printing with this function. The paper will jam if you do.

Series Copies

Separately copies the front and back of a 2-sided original or the two facing pages of a bound original onto two sheets.



• You cannot use the Book \rightarrow 1 Sided function from the ADF.

The following table shows the paper sizes for Book \rightarrow 1 Sided when the reproduction ratio is 100%:

Metric version

Original	Paper for 1-sided copy
A3 🗗	A4 □ × 2 sheets
B4 JIS□	B5 JIS × 2 sheets
A4 □	A5 × 2 sheets

BAT140S

Inch version

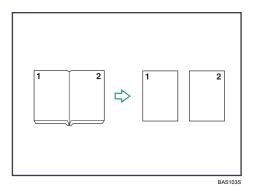
Original	Paper for 1-sided copy
11 × 17 □	8 ¹ / ₂ ×11
8 ¹ / ₂ × 11 □	$5^{1/2} \times 8^{1/2} \square \times 2$ sheets

BAT102S

There are two types of Series Copies.

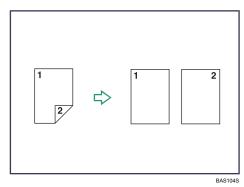
Book → 1 Sided

You can make 1-sided copies from two facing pages of a bound original (book).

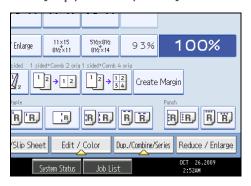


2 Sided → 1 Sided

You can make 1-sided copies from 2-sided originals.

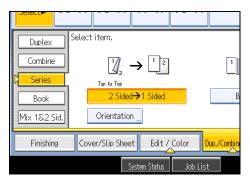


1. Press [Dup./Combine/Series].



2. Press [Series].

3. Select [2 Sided \rightarrow 1 Sided] or [Book \rightarrow 1 Sided], and then press [OK].



If you specified [2 Sided → 1 Sided], you can specify the orientation. For details, see "Originals and Copy Orientation".



• When placing originals on the exposure glass, press the [#] key after all originals have been scanned.

■ Reference

• p.71 "Originals and Copy Orientation"

Booklet/Magazine

Copies two or more originals in page order.

• You cannot use the bypass tray with this function.

The following table shows the paper sizes for Book \rightarrow 2 Sided when the reproduction ratio is 100%:

Metric version

Original	Paper
A3 □	A4 (2-sided)
B4 JIS□	B5 JIS ☐ (2-sided)
A4 □	A5 ☐ (2-sided)

BAT134S

Inch version

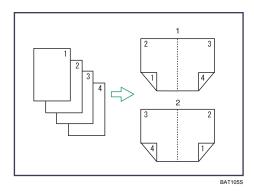
Original	Paper
11 × 17 □	$8^{1}/_{2} \times 11 \Box$ (2-sided)
8 ¹ / ₂ × 11 □	$5^{1}/_{2} \times 8^{1}/_{2}$ (2-sided)

BAT101S

There are six types of Booklet/Magazine.

1 Sided → Booklet

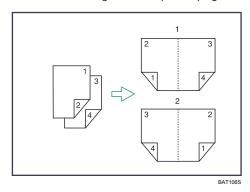
Make copies in page order for a folded booklet as shown.



- 1. Open to left
- 2. Open to right

2 Sided → Booklet

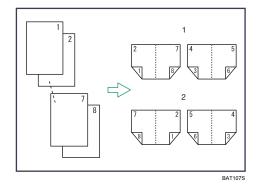
Make 2-sided originals to copies in page order for a folded booklet as shown.



- 1. Open to left
- 2. Open to right

1 Sided → Magazine

Copies two or more originals to make copies in page order when they are folded and stacked.

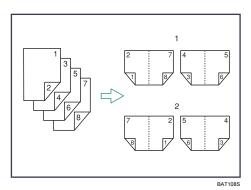


1. Open to left

2. Open to right

2 Sided → Magazine

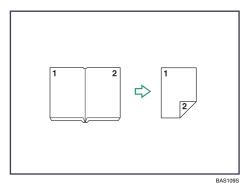
Copies two or more originals of 2-sided to make copies in page order when they are folded and stacked.



- 1. Open to left
- 2. Open to right

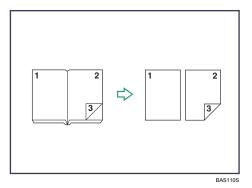
Book → 2 Sided

Copies a two-page spread original onto one sheet with one page per side.



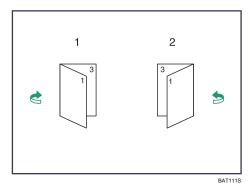
Front&Back → 2 Sided

Copies each two-page spread original as it is onto both sides of a sheet.



How to fold and unfold copies to make a booklet

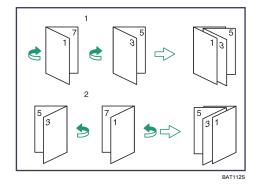
Fold a copy along the centerline, and open.



- 1. Open to left
- 2. Open to right

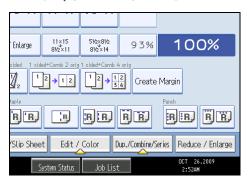
How to fold and unfold copies to make a magazine

Fold and stack copies to make a magazine, and open.

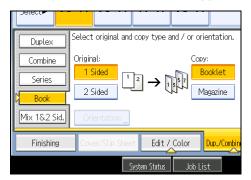


- 1. Open to left
- 2. Open to right

1. Press [Dup./Combine/Series].



- 2. Press [Book].
- 3. Select a book type separately for the original ([1 Sided] or [2 Sided]) and copy ([Booklet] or [Magazine]), or select a book type from [Book → 2 Sided] and [Front&Back → 2 Sided].



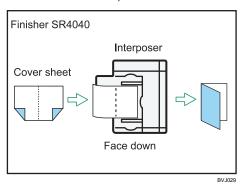
If you specified [2 Sided] for the original, [Book \Rightarrow 2 sided], or [Front&Back \Rightarrow 2 sided], you can specify the orientation of originals or copies. For details, see "Originals and Copy Orientation".

- 4. Select the paper size.
- 5. Press [OK].



- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- The machine sets the reproduction ratio automatically to meet the paper size.
- The default setting for the orientation of Booklet and Magazine is [Open to Left]. You can change the
 default under Orientation: Booklet, Magazine in User Tools. For details, see "Edit".
- The machine sets the reproduction ratio automatically to meet the paper size and copies the originals together onto the paper.
- The machine selects reproduction ratios of between 25-400%.
- If the calculated ratio is under the minimum ratio, it is automatically adjusted to within available range.
 However, with some ratios, parts of the image might not be copied.

- If the orientation of originals is different from that of the copy paper, the machine will automatically rotate the image by 90 degrees to make copies properly.
- You cannot copy with originals different in size and orientation.
- If the number of originals scanned is less than a multiple of 4, the last page is copied blank.
- In Magazine mode, the copying may take some time after scanning originals.
- When Finisher SR4040 is installed, if you select Staple: Center in Magazine mode, the machine staples and folds the paper in the center, then delivers the paper folded.
- If you are using this function with the interposer and have specified Staple: Center, load cover sheets face down in the interposer.



Reference

- p.71 "Originals and Copy Orientation"
- p.282 "Edit"

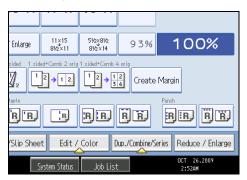
Creep Adjustment

When Magazine is selected, you can specify the creep value.

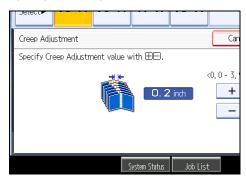
When folding stacked paper, the thickness of the paper causes creep (progressive image loss) between the most inner and most outer pages. The machine compensates for creep by progressively shifting the copy image.

For example, when folding 15 sheets, the creep value will be 2 mm (0.1 inch), meaning there will be a 2 mm (0.1 inch) gap in the center of the image printed on the outermost sheet.

1. Press [Dup./Combine/Series].



- 2. Press [Book].
- 3. Select [1 Sided] or [2 Sided] for the original.
- 4. Press [Magazine].
- 5. Press [Creep Adjust.].
- 6. Specify the creep value with [+] and [-].



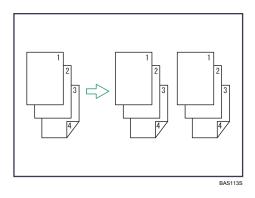
7. Press [OK] twice.



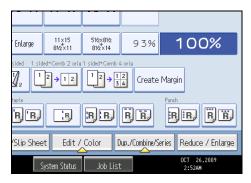
- You can adjust the creep value between 0 to 99 mm (0 to 3.9 inches) in 1 mm (0.1 inch) steps.
- To change the value you entered, press [+] and [-], and then specify a new value.

Mix 1 & 2 Sided

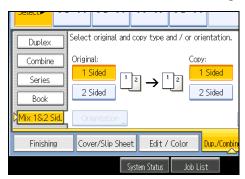
You can copy two types of originals, 1-sided and 2-sided, onto one or both sides of a sheet in one copy job.



1. Press [Dup./Combine/Series].



- 2. Press [Mix 1&2 Sid.].
- 3. Select [1 Sided] or [2 Sided] for the original.



- 4. Select [1 Sided] or [2 Sided] for the copy.
- 5. Place the originals, and then press the [Start] key.
- 6. If you specify [2 Sided] for either the originals or copies, press [Change Setting] if the number of originals that you want to scan is odd, or if you want to change the settings for the next originals.

Place the next originals, and then repeat steps 3 to 6.



- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- When making two or more copies with the ADF, specify Batch mode. For details about Batch mode, see "Batch Mode".
- If you specified [2 Sided] for the originals or copies, you can specify the orientation. For details, see "Originals and Copy Orientation".
- You cannot select [Change Setting] if you are using the ADF in Batch mode to copy 2-sided originals to 2-sided prints or from 1-sided originals to 1-sided prints.

Reference

- p.35 "Batch Mode"
- p.71 "Originals and Copy Orientation"

Covers

You can use this function to create cover sheets by adding additional pages of different paper, or copying existing pages onto different paper.

Mportant (

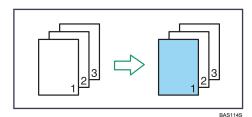
- Before using this function, select the trays for covers under Front Cover Sheet Tray and/or Back Cover Sheet Tray in Tray Paper Settings. For details, see "System Settings", Network and System Settings Reference .
- You cannot specify the bypass tray as the Main Sheet Tray.
- If you have selected Interposer for Front Cover Sheet Tray and/or Back Cover Sheet Tray in Tray Paper Settings, you cannot copy onto the cover sheets.
- When selecting [Copy], select whether the front and back covers are copied 1-sided or 2-sided.

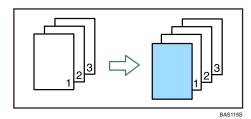
The Covers function includes Front Cover and Back Cover.

Front Cover

This function copies the first page of an original onto paper that has been specified for covers, or places a cover sheet before the first copy page.

Copy

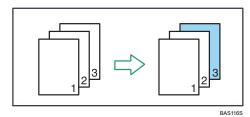




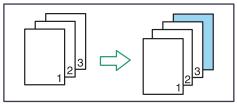
Back Cover

This function copies the last page of an original onto paper that has been specified for covers, or places a cover sheet after the last copy page.

Copy

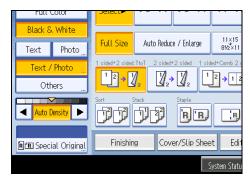


• Blank



BAS117S

1. Press [Cover/Slip Sheet].





2. Select [Copy] or [Blank] for the front cover.



- 3. Select [Copy] or [Blank] for the back cover, and then press [OK].
- 4. Select the main sheet tray that contains the paper to copy the originals.



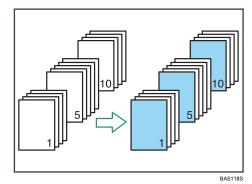
- The back cover sheet should be the same size and orientation as the main sheets.
- You can use paper of different size and orientation than the main sheets as the front cover sheet.
- When stapling copies with the front cover whose size and orientation is different from the main sheets, the front cover sheet should be the same width in paper feed direction as the main sheets. For example, when the main sheet is A5D, you can staple the copies with the front cover sheet of A4D, but you cannot staple them with that of A4D.
- When you specify both front and back covers, the first and last pages of your original are copied on
 paper specified for use as a cover, or cover sheets are inserted before the first copy and after the last
 copy.
- You can make a combined copy on the front cover sheet. For details about Front Cover Copy in Combine, see "Edit".
- \bullet For details about the interposer, see "Loading Paper", About This Machine $\widehat{\ensuremath{\mathbb J}}$ $\ensuremath{\textcircled{\textcircled{o}}}.$
- If Blank mode is selected, the cover will not be counted as a copy.
- The settings made under Front Cover Sheet Tray and/or Back Cover Sheet Tray in User Tools
 determine whether or not the front and back covers are duplex printed.
 - At Mode Selected... Settings made in Front Cover Sheet Tray and/or Back Cover Sheet Tray will take priority.
 - Full Time... Settings made in Paper Type will take priority.
- For details, see "System Settings", Network and System Settings Reference



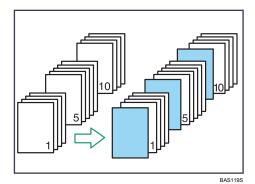
• p.282 "Edit"

Use this function to have certain pages of your original copied onto designation sheets or to insert a designation sheet for each page specified.

Copy



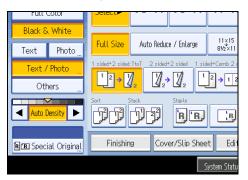
• Blank



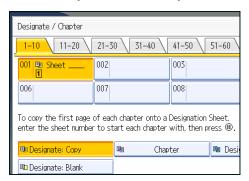
Mportant (

- You cannot specify the bypass tray as the Main Sheet Tray.
- Before using this function, select the tray for designation sheets under Designation Sheet 1 Tray and/or Designation Sheet 2 Tray in User Tools. For details, see "System Settings", Network and System Settings Reference .
- If you have selected Interposer for Designation Sheet 1 Tray or Designation Sheet 2 Tray in System Settings, you cannot copy onto the designation sheets.

1. Press [Cover/Slip Sheet].



- 2. Press [Designate / Chapter].
- 3. Select [Designate: Copy] or [Designate: Blank].
- 4. Press the key to select the chapter number.



To select pages 11 to 20 (chapter), press [11-20].

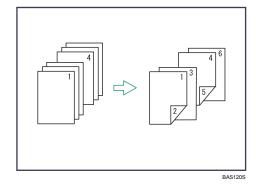
- 5. Select the designation sheet tray that contains the paper for the designation sheets.
- 6. Enter the page location of the first page of the chapter with the number keys, and then press the [#] key.
- 7. To specify another page location, repeat steps 4 to 6.
 Up to 100 locations can be specified.
- 8. Select the main sheet tray that contains the paper to copy the originals.
- 9. After making all settings, press [OK] twice.



- To change the value you entered, press the key you want to change, and then enter a new value.
- For details about the interposer, see "Loading Paper", About This Machine 🗊 🚳.
- When placing the designation sheets in the bypass tray, it should be the same size and orientation
 as the main sheets.
- If you do not select [Designate: Blank], the specified pages will be excluded from the copy count.

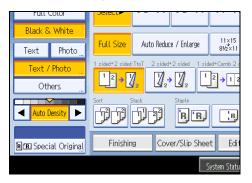
Chapters

The page locations you specify with this function will appear on the front of copy sheets.



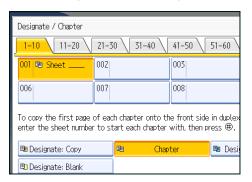
Mportant !

- Before selecting this function, press [Dup./Combine/Series] and then select [1 Sided → 2 Sided] or [Combine].
- This function can be used only when you use the Duplex (1 Sided \rightarrow 2 Sided) or Combine function.
- 1. Press [Cover/Slip Sheet].



- 2. Press [Designate / Chapter].
- 3. Press [Chapter].

4. Press the key to select the chapter number.



To select chapters 11 to 20, press [11-20].

5. Enter the page location of the first page of the chapter with the number keys, and then press the [#] key.

Up to 100 locations can be specified.

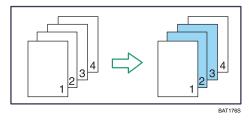
- 6. To specify another page location, repeat steps 4 to 5.
- 7. Select the main sheet tray that contains the paper to copy the originals.
- 8. After making all settings, press [OK] twice.



• To change the value you entered, press the key you want to change, and then enter a new value.

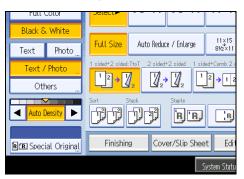
Designation Sheet Copy

You can copy designated pages onto designation sheets.

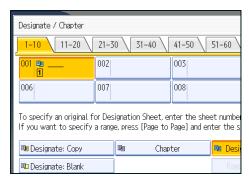


☆ Important

 Before using this function, select the tray for designation sheets under Designation Sheet 1 Tray or Designation Sheet 2 Tray in User Tools. For details, see "System Settings", Network and System Settings Reference.



- 2. Press [Designate / Chapter].
- 3. Press [Designation Sheet Copy].
- 4. Enter the sheet number of the first original with the number keys.



- 5. Press [Page to Page].
- 6. Enter the sheet number of the last original with the number keys.
- 7. Select the designation sheet tray that contains the paper for the designation sheets, and then press the [#] key.
- 8. To specify another page location, repeat step 4 to 7.

Up to 100 locations can be specified.

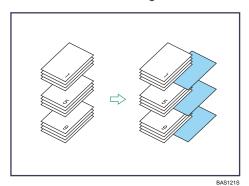
- 9. Select the main sheet tray that contains the sheet to copy the originals.
- 10. After making all settings, press [OK] twice.



- When this function is combined with Duplex, the first page of the designated pages is copied on the front side of a designation sheet.
- The designation sheets should be the same size and orientation as the main sheet.
- To change the value you entered, press the key you want to change, and then enter a new value.

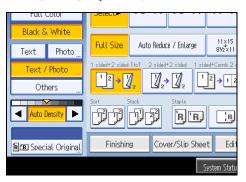
Insert Sheet

You can insert a blank designation sheet before or after a specified page.

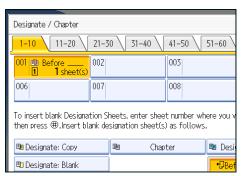


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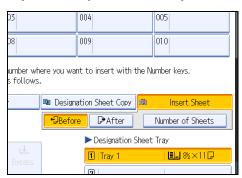
- Before using this function, select the tray for designation sheets under Designation Sheet 1 Tray and/ or Designation Sheet 2 Tray in Tray Paper Settings. For details, see "System Settings", Network and System Settings Reference.
- 1. Press [Cover/Slip Sheet].



- 2. Press [Designate / Chapter].
- 3. Press [Insert Sheet].



- 5. Select the designation sheet tray that contains the paper for the designation sheets.
- 6. Select [Before] to insert slip sheets before the desired page. Select [After] to insert slip sheets after the desired page. Enter the page number with the number keys.
- 7. Press [Number of Sheets], and enter the number of sheets you want to insert with the number keys, and the press the [#] key.



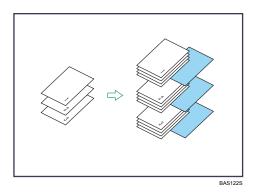
- 8. To specify another location where to insert sheets, repeat steps 4 to 7.
- 9. Select the main sheet tray that contains the paper to copy the originals.
- 10. After making all settings, press [OK] twice.



- The designation sheets should be the same size and orientation as the main sheets.
- To change the value you entered, press the key you want to change, and then enter a new value.
- For details about the interposer, see "Loading Paper", About This Machine 🗊 💿.

Slip Sheet

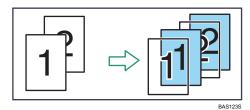
Every time an original page changes, a slip sheet is inserted. You can also print on the inserted slip sheet. Since a slip sheet is inserted for every page, you can protect printed surfaces. This function is useful in copying OHP transparencies.



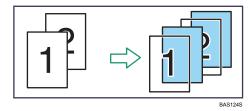
- If [1 Sided → 2 Sided] is set, cancel the setting.
- Before using this function, select the tray for slip sheets under Slip Sheet Tray in Tray Paper Settings. For details, see "System Settings", Network and System Settings Reference.

When placing OHP transparencies

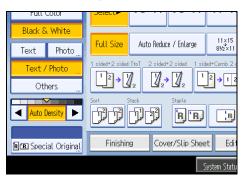
Copy



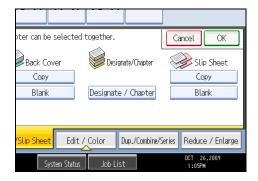
• Blank



1. If the Duplex function is selected, cancel the setting.



3. Select [Copy] or [Blank] for the slip sheets, and then press [OK].



4. Select the main sheet tray that contains the paper to copy the originals.

When copying onto OHP transparencies, use the bypass tray.



- When setting OHP transparencies on the bypass tray, press the [#] key and select [OHP (Transparency)] in "Paper Type". For details, see "Copying onto OHP Transparencies or Thin Paper".
- The slip sheets should be the same size and orientation as the copy paper or the OHP transparency.
- If you do not copy onto slip sheets, they are excluded from the number of copies counted.

Reference

• p.55 "Copying onto OHP Transparencies or Thin Paper"

5. Connect Copy

This chapter explains how to make copies using two machines connected via the Copy Connector.

What is Connect Copy?

Connect Copy allows you to connect two machines together via a cable.

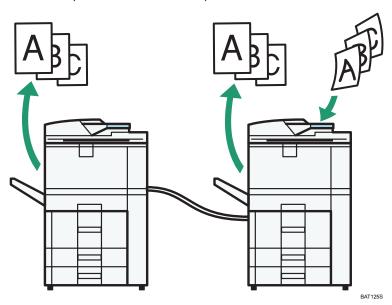
When you set up a copy job on one machine (the main machine), data is transferred to the other (the submachine) so copies can be made on both simultaneously.

High-speed copying for greater productivity

Large volume copy runs can be completed in shorter time. For example: when connected together, two Type 2 machines can make 150 copies per minute in black and white mode, or 140 copies per minute in full color mode (A4 \overline{D} , $8^{1}/_{2} \times 11\overline{D}$ paper size).

Reducing time loss

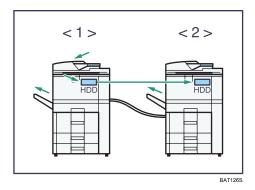
Even if one machine stops due to a paper jam, or runs out of toner or paper, the other machine can automatically take over and finish the job.



How It Works

After the original is scanned, the data is stored on the hard disk of the main machine. As soon as the main machine starts copying, the data is transferred to the hard disk of the sub-machine, and the sub-machine then starts copying.

In this manual, the two machines connected are referred to as main machine and sub-machine.



1. Main machine

2. Sub-machine

The main machine is the one on which you press [Connect Copy] to make Connect Copy settings. The other machine becomes the sub-machine. You cannot change the main machine and sub-machine relationship until Connect Copy is canceled.



- Do not use the connecting cable with other equipment.
- Always turn off the main power of the main and sub-machines when before disconnecting the cable.
 Otherwise it might lead to malfunctioning of the two machines.
- You can store on a program whether or not to use Connect Copy.
- Select the paper tray using the main machine.
 - When [Connect Copy] is pressed, only the paper trays common to both machines will be displayed. The other paper trays appear faded out and cannot be selected.
 - When two or more trays hold the desired paper size, the paper tray will be selected according
 to the Paper Tray Priority settings made on the respective machine. See "System Settings",
 Network and System Settings Reference.
 - If the sub-machine has a paper tray containing paper of the same size but set in a different
 orientation, when the current tray runs out of paper, the sub-machine automatically switches to
 the tray containing paper of the same size and rotates the print images in order to make copies.
 (When Auto Tray Switching is set to With Image Rotation).
- If the [Clear Modes] key is pressed on the main machine while you are making settings, Connect Copy will be canceled.
- Even if the sub-machine is in Energy Saver Mode, the main machine can still connect to make copies.
- When an Interrupt job on the sub-machine has finished, press the [Interrupt] key.
- Connect Copy jobs are displayed on the Job List of the sub-machine. However, they cannot be deleted
 from the sub-machine.
- In Connect Copy, both machines follow the user authentication settings of the main machine.

- You cannot manage the number of copies according to machine. The number of copies is shown
 as a total of the two machines, and is monitored on the main machine.
- Even if user codes are set and you enter a user code before using the sub-machine, you cannot
 manage the number of copies made on the sub-machine.
- If user codes are set on only the sub-machine, you need not enter a user code in order to use
 the sub-machine for Connect Copy. In this case, you cannot manage the number of copies
 according to user.

Machine types and options

This section describes the machine types and options that can be used with Connect Copy.

Both machines need not be of the same type.

You can still use Connect Copy without the finisher, the LCT, or the wide LCT. However, if the finisher or the multi-folding unit is not installed on one of the machines, their functions will not be available on either machine.

Interrupt copy

You can use the Interrupt function on the sub-machine, but not on the main machine.

You cannot use Connect Copy when a job has been paused using the Interrupt function.

Before you start

Both machines must have paper trays loaded with paper of the same size, type and orientation.

To ensure the same copy results from both machines,

- The copy quality settings in User Tools should be the same on each machine. For details, see "Adjust Color Image".
- Both main and sub machines should be installed with the same type of finisher.

Reference

• p.303 "Adjust Color Image"

Auto Reset when using Connect Copy

The machine exits Connect Copy mode automatically and returns to the initial condition after a certain period of time has lapsed following job completion.

This is called "Auto Reset".



• If the Auto Reset time of the sub-machine lapses when it is processing an Interrupt Copy job, the sub-machine will return to its initial condition and the Interrupt Copy job will be canceled. To change the settings, see "System Settings", Network and System Settings Reference.

Auto Off when using Connect Copy

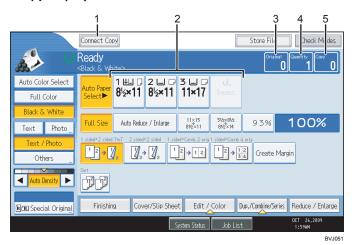
The machine automatically turns off after a certain period of time has lapsed following job completion. This is called "Auto Off". In Connect Copy mode, the sub-machine will not turn off automatically.

5

Connect Copy Display Panel

The display panel shows machine status, error messages and function menus.

Initial copy display



1. [Connect Copy]

Press to switch from the initial copy display to the Connect Copy display.

2. Paper Select

Displays the size, type and orientation of the paper set on both machines.

3. Number of originals

Displays the number of originals scanned into memory of the main machine.

4. Number of sets

Displays the number of sets of copies.

5. Number of copies

Displays the number of copies for the main machine.

Press this area to display the total number of copies for two machines.

Display during Connect Copy



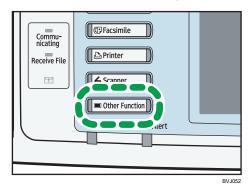


• The Connect Copy function is not available from the simplified display on the main machine.

Display of the sub-machine

Even if Connect Copy has been selected on the main machine, the sub-machine will still continue to show the initial copy display. To switch to the Connect Copy initial display, follow the procedure below.

1. Press the [Other Function] key.



The Connect Copy initial display is shown on the sub-machine.



5

Using Connect Copy

You can select Connect Copy from either machine by pressing [Connect Copy].

The machine on which you pressed [Connect Copy] and made Connect Copy settings becomes the main machine, and the other the sub-machine.



- When User Code Authentication is set, enter your user code (up to eight digits) with the number keys
 so that the machine accepts copy jobs. For details about Administrator Tools, see "System Settings",
 Network and System Settings Reference.
- When Basic Authentication, Windows Authentication, LDAP Authentication, or Integration Server
 Authentication is set, enter your login user name and password so that the machine accepts copy
 jobs. Ask the administrator for the login user name and password. For details, see "When the
 Authentication Screen is Displayed", About This Machine
- In Connect Copy mode, use the main machine to perform this function.
- 1. Make sure "Ready" appears on the screen.



2. Press [Connect Copy] on the machine that you want to use as the main.

[Connect Copy] becomes highlighted, and the two machines are connected.

Main machine



• Sub-machine



- 3. Set the originals on the main machine.
- 4. Make the necessary settings using the main machine.

If you have made any copy settings before using Connect Copy, the settings remain effective. However, if the finisher or the multi-folding unit is not installed on one of the machines, their functions will be automatically disabled.

Enter the number of copies with the number keys.The maximum copy quantity that can be set is 9999.

6. Press the [Start] key on the main machine.

Copying starts if the main machine is not in use. The sub-machine starts copying after data transfer from the main machine is completed.



- To cancel Connect Copy mode, press [Connect Copy], which is highlighted on the main machine.
- Since the sub-machine starts copying after receiving data from the main machine, the numbers of
 copy sets differ on the main and sub machines. The difference between the number of copies made
 by the main machine and the number made by the sub-machine will increase in proportion to the
 quantity of data being transferred.
- Both machines may not finish copying at the same time.
- When the number of originals or copies is small, copying will be done on only the main machine.
- When using the Sort/Staple function, copying is divided between the two machines by the number
 of sets. If a paper misfeed occurs when processing a set of copies, it is not possible for the other
 machine to take over the remainder of that particular set.
- When placing originals on the exposure glass, or in the ADF using Batch mode, press the [#] key after all the originals have been scanned.
- To interrupt ADF scanning, press the [Clear/Stop] key on the main machine, and then select [Stop].
- To stop copying, press the [Clear/Stop] key on the main machine, and then select [Stop].
- To specify whether or not to display [Connect Copy], set "Connect Copy Key Display" under "General Features". For details, see "General Features".
- When the memory to store originals exceeds the maximum, an error message appears. For details, see "When Memory is Full", Troubleshooting .

When placing multiple originals in the ADF using Batch mode, wait till an original has been fed before
placing the next.

Reference

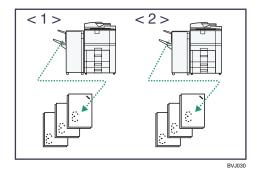
• p.275 "General Features"

Order of Copy Output

Explains the machine behavior when Staple and Stack is specified with Connect Copy.

When copying with the Staple function

(Example) Copying six sets of a three-page original



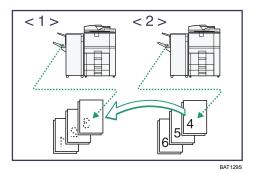
1. Main machine (face-down)

2. Sub-machine (face-down)

When using the Staple function, the processing of one copy set cannot be divided between the two machines.

When copying with the Stack function

(Example) Making two copies of each page of a six-page original



- 1. Main machine (face-down)
- 2. Sub-machine (face-up)

Stack copies made by the sub-machine on that of the main machine.

This section explains how to cancel Connect Copy mode and return to standard copying mode.

1. Press [Connect Copy] on the main machine.

The machine returns to standard copying mode.





- Settings made on the main machine during Connect Copy mode remain effective.
- If you press the [Clear Modes] key on the main machine, Connect Copy mode is canceled and the main machine returns to its initial condition.

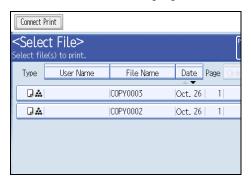
Printing Stored Documents Using Connect Print

You can print a document stored in the Document Server using the Connect Print function.



- The main machine is the one on which the document is stored.
- 1. Press the [Document Server] key.
- 2. Select the document to be printed.

The selected document is highlighted.

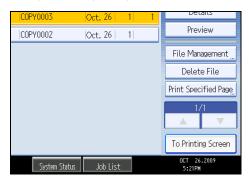


3. Repeat step if you want to select more documents.

The documents will be printed in the order that they have been selected.

4. If you need to change the print settings, press [To Printing Screen].

To register new printing conditions or numbers of prints, press [Save Print Settings].



5. Press [Connect Print].

The key is highlighted and the two machines are connected.

6. Enter the number of copies with the number keys.

The maximum copy quantity that can be set is 9999.

7. Press the [Start] key.

To stop the printing, press the [Clear/Stop] key on the main machine, and then follow the instructions on the display.



- Some documents may not be displayed, depending on the security function settings.
- To change the printing order, press the highlighted documents to cancel your selection. Select documents again in the desired order.
- You can also cancel all your selections by pressing the [Clear Modes] key.
- If you are selecting two or more files, you can check the file names and printing order by pressing

 [▼] and [▲] to scroll through the list.
- Press [File List] to return to the Select Files to Print display.
- To change the value you entered, press the [Clear/Stop] key and then enter a new value.
- When using the Sort function, you can check the print results by making a sample copy on the main machine. See "Sample Print".
- Sample prints can only be made on the main machine.
- The main machine begins printing using data stored in the Document Server. Printing on the submachine starts after the data is transferred from the main machine.
- The number of print sets might differ on the main and sub machines.
- Both machines may not finish printing at the same time.



• p.265 "Sample print"

J

Using Job Preset in Connect Copy

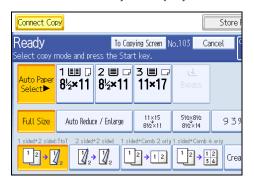
You can make settings for the next Connect Copy job when the current job is still in progress on the main machine.

When the current job finishes, the next job begins automatically.

1. On the main machine, confirm that "Press [New Job] to make reservation." is displayed, and then press [New Job].



- 2. Confirm that "Ready" is displayed, and then press [Connect Copy].
- 3. Place the originals in the main machine.
- 4. Confirm that "Ready" is displayed, and then make settings for the job.



5. Press the [Start] key on the main machine.

Scanning begins. As soon as the current job is finished, the next job starts automatically.



- You can preset a maximum of eight jobs.
- When placing originals on the exposure glass, press the [#] key after all originals have been scanned.
- When placing multiple originals in the ADF, wait till the first original sets have been fed before placing the next.
- Preset jobs in Connect Copy mode can only be changed when the main machine has finished scanning
 the originals.

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• Preset jobs in Connect Copy mode can only be changed when copying has yet to begin on either machine.

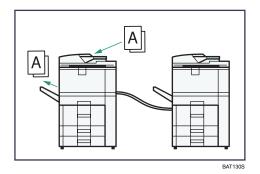
5

Connect Copy Job Flow

The job flow depends on the status of the two machines.

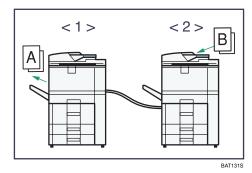
When One of the Two Machines is Idle

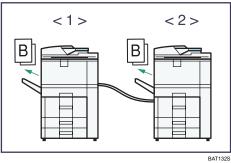
Explains the job flow when one of the machines is copying Original A.



Using the idle machine as the main machine (Connect Copy)

1. Make Connect Copy settings for Original B on machine <2> (the idle machine).

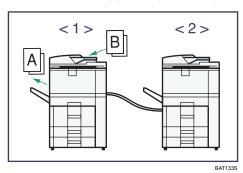




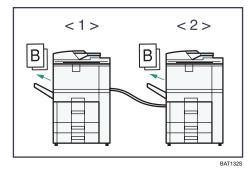
- 1. Sub-machine
- 2. Main machine

Using the machine currently copying as the main machine (Connect Copy: Job Preset)

1. Make Connect Copy settings for Original B on machine <1> (the machine currently in use).



2. When machine <1> has finished with Original A, Connect Copy is activated and both machines begin copying Original B.

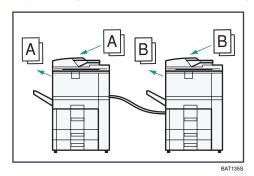


- 1. Main machine
- 2. Sub-machine

5

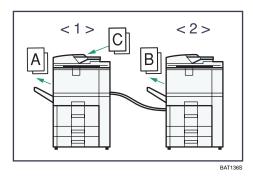
When Both Machines are in Use

Explains the job flow when one machine is copying Original A and the other Original B.

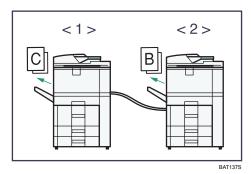


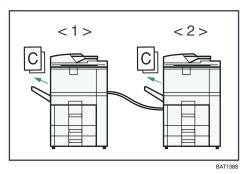
When both machines are copying the same number of originals (Connect Copy: Job Preset)

1. Make Connect Copy settings for Original C on machine <1>.



2. When machine <1> has finished with Original A, it begins copying Original C.

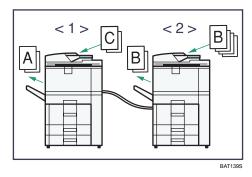




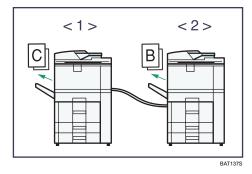
- 1. Main machine
- 2. Sub-machine

When one of the machines is copying a larger number of originals (Connect Copy: Job Preset)

1. Make Connect Copy settings for Original C on machine <1>.



2. When machine <1> has finished with Original A, it begins copying Original C. If machine <1> finishes copying its allotment of Original C before machine <2> finishes with Original B, machine <1> will take over to copy the remainder of Original C.



1. Main machine

D

2. Sub-machine

6. Document Server

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

Relationship between Document Server and Other Functions

State of the Document Server varies depending on the function used.

Copier functions

- Storing method: Copy/Document Server
- List display: Available
- Printing: Available
- Transmission: Unavailable

Printer functions

- Storing method: Personal computer
- List display: Available
- Printing: Available
- Transmission: Unavailable

Facsimile functions

- · Storing method: Fax
- List display: Available
- Printing: Available
- Transmission: Available

The data can be transferred by the facsimile feature. For details, see "Sending Stored Documents", Facsimile Reference.

Scanner functions

- · Storing method: Scanner
- List display: Unavailable

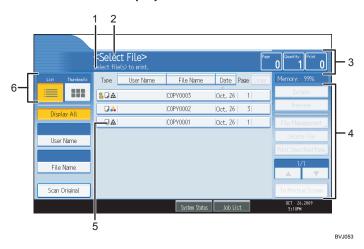
When documents are stored with the scanner feature, you can confirm them from the scanner feature screen. For details, see "Displaying the List of Stored Files", Scanner Reference.

- Printing: Unavailable
- Transmission: Available

The data can be transferred by the scanner feature. For details, see "Sending a Stored File", Scanner Reference.

Explains the screens and icons displayed in the Document Server function.

Document Server initial display



- 1. Displays operational status and messages.
- 2. Displays the title of the current screen.
- 3. Displays the numbers of originals stored into the memory, copies set, and copies made.
- 4. Displays keys for the operation.
- 5. Displays an icon that indicates the function and color mode used to stored the document.
- 6. Displays keys for switching the display between list and thumbnails.

The following icons appear in the list of the Document Server to indicate the function and color mode used to store a document.

Function	Copier	Facsimile	Printer
Icons	G	(:	<u>D</u>

Color icons	Full color	Black and white
Icons	&	A

Thumbnail screen

In thumbnail view, miniature images of the stored documents are displayed. This is useful for checking a document's content.







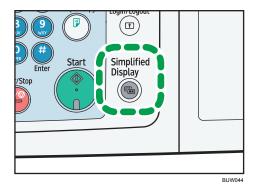
• All the stored documents may not be displayed depending on the security function specified.

Simplified Display

This section explains how to switch to the simplified display.

When you press the [Simplified Display] key, the screen changes from the initial display to the simplified display.

Letters and keys are displayed at a larger size, making operations easier.



Simplified Document Server Screen



1. [Key Color]

Press to increase screen contrast by changing the color of the keys.

This is available only for the simplified display.



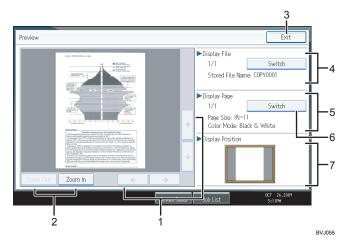
- To return to the initial display, press the [Simplified Display] key again.
- Certain keys do not appear on the simplified display.

Preview Display

This section explains the items that appear on the preview display and how to preview stored documents.

To preview stored documents, select the documents you want to preview on the Document Server initial display, and then press [Preview]. The preview display denotes the screen that allows confirming contents of the scanned documents.

Preview Display



1. [←][→][↑][↓]

Moves the display area in the direction indicated by the arrow.

2. [Zoom Out], [Zoom In]

Scales the displayed page down or up.

3. [Exit]

Closes the preview display.

4. Display File

Displays the file name.

If you have selected two or more files for preview, press [Switch] to switch between them.

5. Display Page

Displays the number of the currently displayed page, total number of pages, and page size.

0

6. [Switch]

Flips the page of the selected file.

7. Display Position

Indicates the location of the displayed preview image when the image is enlarged.



- When the preview is already selected from another function, the preview screen function may become unusable.
- The preview display is also not available when the paper size is larger than A3. If the image file is corrupt, store it again.

Using the Document Server

Following describes how to use the Document Server.

Storing Data

Following describes the procedure for storing documents on the Document Server.



- Data stored in the machine might be lost if some kind of failure occurs. The manufacturer shall not be responsible for any damage resulting from loss of data.
- Be careful not to let anyone know your password, especially when entering a password or recording it. Keep any record of your password in a secure place.
- Avoid using a single number or consecutive numbers for a password such as "0000" or "1234", since the numbers like this are easy to guess, so using them will not provide a worthwhile level of security.
- 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 the [Clear Modes] key 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 document name such as "COPY0001" and "COPY0002" is automatically attached to the scanned document. You can change the document name.

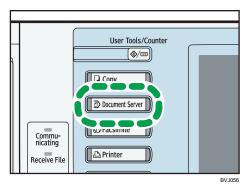
User Name

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.

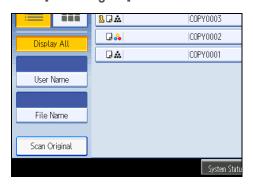
Password

To prevent unauthorized printing, you can set a password for any stored document. A protected document can only be accessed if its password is entered. If a password is set for the documents, the key icon appears next to the documents.

1. Press the [Document Server] key.



2. Press [Scan Original].



3. Enter a user name, file name, and password, if necessary.

When not changing a file name, the name will be automatically set.

- 4. Set the original.
- 5. Specify the original scanning conditions.
- 6. Press the [Start] key.

The original is scanned. The document is saved in the Document Server.



- Enter the password in the range of four and eight digits.
- To stop scanning, press the [Clear/Stop] key. To restart a paused scanning job, press [Continue] in the confirmation display. To delete saved images and cancel the job, press [Stop]. The original placed in the ADF will be ejected.
- If a password is set, the key icon appears on the left side of the file name.
- After scanning, a list of stored documents will be displayed. If the list does not appear, press [Finish Scanning].
- Data stored in the Document Server is set to be deleted after three days (72 hours) by the factory
 default. You can specify the period after which the stored data is deleted automatically under Auto

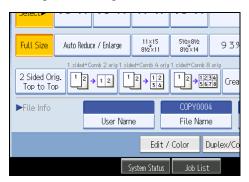
Delete File in Document Server in User Tools. See "System Settings", Network and System Settings Reference.

- If you do not want stored documents to be automatically deleted, select [Off] in Auto Delete File in Document Server before storing a document. If you select [On] later, data stored after will be automatically deleted.
- When storing another document in the Document Server after storing a document from the copy feature, be sure that its copy is completed.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details
 about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 🚳.

Specifying a user name

You can specify a user name for the stored file.

- 1. Press [Scan Original].
- 2. Press [User Name].



A list of user names appears.

3. Select 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 display, press [Manual Entry], and then enter a user name.

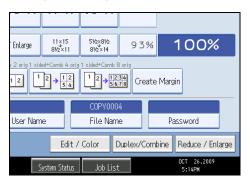
Specifying a file name

You can change the name of a stored document.

1. Press [Scan Original].

6

2. Press [File Name].



The soft keyboard appears.

3. Press [Delete All] to delete the document name to be automatically set.

Pressing [Backspace] allows you to delete up to any desired position.

4. Enter a document name, and then press [OK].

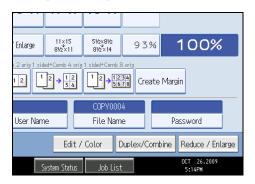


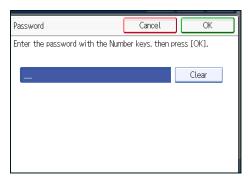
You can enter up to 20 characters for a document name. In the list, however, up to 16 characters are
displayed as the document name. If above limits are exceeded, the list will display up to 15 characters
for the document name.

Specifying a password

You can specify a password for the stored document.

- 1. Press [Scan Original].
- 2. Press [Password].





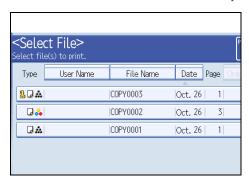
You can use four to eight digits for the password.

4. For double-check, enter the password again, and then press [OK].

Changing the User Name of a Stored Document

You can change the user name for a stored document.

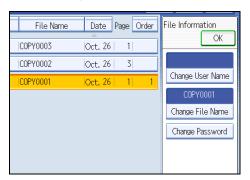
1. Select the document whose user name you want to change.



If a password is set, enter it, and then press [OK].

2. Press [File Management].

3. Press [Change User Name].



- 4. Enter a new user name, and then press [OK].
- 5. Press [OK].

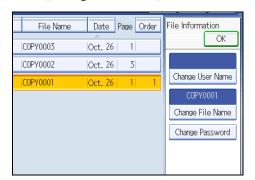


- To cancel the selection, press the selected (highlighted) key.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 🚳.

Changing the File Name of a Stored Document

You can change the file name of a stored document.

- Select the document whose name you want to change.
 If a password is set, enter it, and then press [OK].
- 2. Press [File Management].
- 3. Press [Change File Name].



- 4. Enter a new file name, and then press [OK].
- 5. Press [OK].

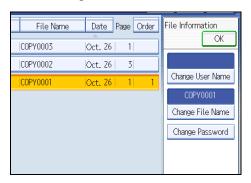


- To cancel the selection, press the selected (highlighted) key.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 🚳.

Changing the Password of a Stored Document

You can change the password of a stored document.

- Select the document whose password you want to change.
 If a password is set, enter it, and then press [OK].
- 2. Press [File Management].
- 3. Press [Change Password].



- 4. Enter a new password, and then press [OK].
- 5. For double-check, enter the password again and then press [OK].
- 6. Press [OK].



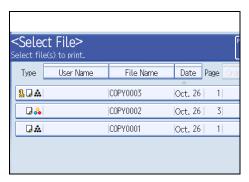
- To cancel the selection, press the selected (highlighted) key.
- Depending on the security setting, [Access Privileges] may appear instead of [User Name]. For details
 about specifying [Access Privileges], consult the administrator.
- For details about how to enter text, see "Entering Text", About This Machine 🗊 🚳.

Checking the Details of a Stored Document

You can confirm the details of a stored document.



1. Select the document whose details are to be displayed.



If a password is set, enter it, and then press [OK].

2. Press [Details].

Details of the document will be displayed.





- If you have selected two or more documents, press [▲] or [▼] to view their information.
- To cancel the selection, press the selected (highlighted) key.
- Pressing [Exit] restores the document selection screen.

Searching for Stored Documents

Searches for stored documents by user name or file name.

You can rearrange the currently chronologically ordered documents in any desired order.

Searching by file name

Searches for stored documents by file name.

Searching by user name

Searches for stored documents by user name.

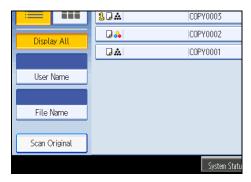


- Web Image Monitor enables searching and reordering of stored documents from computers.
- For details about Web Image Monitor, see Help of Web Image Monitor.

Searching by file name

Searches for stored documents by file name.

1. Press [File Name].



2. Enter the document name to be searched, and then press [OK].



Document names that match completely from the starting character will be searched and displayed on the screen.

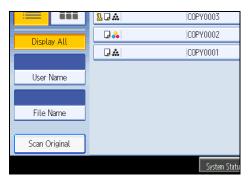


• Pressing [Display All] displays all stored documents.

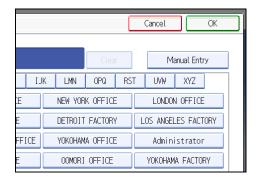
Searching by user name

Searches for stored documents by user name.

1. Press [User Name].



- 2. When specifying a registered user name, select it.
- 3. When the user name is not registered, press [Manual Entry], and then enter it from the input screen to be displayed. Then press [OK].



4. Press [OK].

User names that match completely from the starting character will be searched and displayed on the screen.



• Pressing [Display All] displays all stored documents.

Printing Stored Documents

Prints stored documents.

Web Image Monitor allows you to print documents stored in the Document Server from your computer.

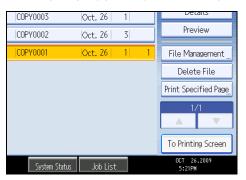
1. Select a document to be printed.

If a password is set, enter it, and then press [OK].

2. When printing two or more documents at a time, repeat step 1.

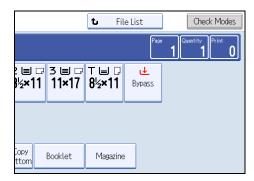
Up to 30 documents can be printed.





The printing condition screen will appear. The user name, file name, and printing order of the document will be displayed.

4. Enter the number of print copies with the number keys.



The maximum quantity that can be set is 9999.

5. Press the [Start] key.

Printing will be started.



- You can search the target document using [User Name] or [File Name] situated in the left side of the screen. For details about searching the target document, see "Searching for Stored Documents".
- You can sort the documents by user name, file name, or creation date. Press the item to be used for the sorting on the top of the list.
- To cancel the selection, press the selected (highlighted) key.
- Some of the selected documents may not be printed due to the difference in the size or resolution.
- When changing the printing order, cancel the highlight and then specify the order correctly.
- Pressing the [Clear Modes] key cancels every selection.
- Pressing [Order] displays the selected documents in the printing order.

- The copy and printer features hold the specified printing conditions after the operation is over and apply them at the next printing. The facsimile features do not have the function of storing the printing conditions.
- When two or more documents are specified, the printing conditions are stored on the first document but not on the succeeding documents.
- Following settings are available for the printing conditions. For respective printing results, see "Basic Copying" and "Advanced Copying".
 - Paper tray
 - The number of prints
 - 2 Sided / Book (2 Sided Copy, Booklet, Magazine)
 - Edit / Stamp
 - · Cover / Slip Sheet
 - Finishing (Output, Finisher, Fold, Ring Binding)
- When printing two or more copies while selecting the sort function, you can confirm the finish by printing only one copy. For details about sample print function, see "Sample print".
- When printing two or more documents at a time, you can print them as a single continuous document
 by specifying the order of their printing.
- When printing two or more documents at a time, the printing conditions set for the first document are applied to all the remaining documents.
- When two or more documents are selected, press [▲] [▼] to confirm the user name, document name and printing order of the document.
- Pressing [File List] restores the document selection screen.
- The Stamp function is not specifiable to the documents being stored from the facsimile features.
- You can change the maximum print quantity under Max. Copy Quantity in User Tools. For details about Max. Copy Quantity, see "General Features".
- Web Image Monitor allows you to print a document stored in the Document Server from your computer. For the Web Image Monitor starting procedure, see "Displaying Stored Documents with Web Image Monitor".

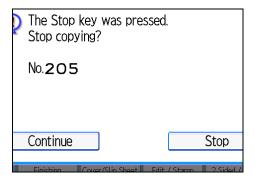
Reference

- p.259 "Searching for Stored Documents"
- p.265 "Sample print"
- p.268 "Displaying Stored Documents with Web Image Monitor"
- p.275 "General Features"

Interrupting a print job

Interrupts a print job.

- 1. Press the [Clear/Stop] key.
- 2. Press [Stop].

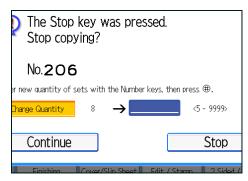


Changing the number of print copies while printing is in progress

You can change the number of sets during printing.

Mportant !

- This function can be used only when the Sort function is selected in the printing conditions.
- 1. Press the [Clear/Stop] key.
- 2. Press [Change Quantity].
- 3. Enter the number of sets anew with the number keys.



- 4. Press the [#] key.
- 5. Press [Continue].

Printing will be resumed.

U Note

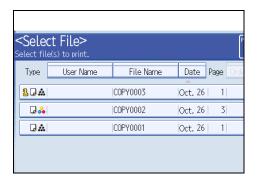
• The number of sets you can enter in step 3 differs depending on when the [Clear/Stop] key is pressed.

Sample print

When the number of sets is massive, you can print a single set in advance to check the printing order and the printing conditions of the selected documents.



- This function can be used only when the Sort function is selected in the printing conditions.
- 1. Select the document to be printed.



If a password is set, enter it, and then press [OK].

- 2. Press [To Printing Screen].
- 3. Enter the number of print copies with the number keys.
- 4. Select [Sort].
- 5. Press the [Sample Copy] key.

Only one set will be printed.

6. Press [Continue].

Printing will be resumed.



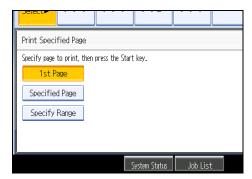
To cancel the printing, press [Suspend]. The print screen will appear, enabling to set another item.

Printing the first page

In order to confirm the print results, you can print the first page alone of the document selected on the Select File screen.

When two or more documents are selected, the first page of the respective documents is printed.

- 1. Select the document to be printed.
 - If a password is set, enter it, and then press [OK].
- 2. Press [Print Specified Page].



4. Press the [Start] key.

Printing a specified page

You can print the specified page alone of the document selected on the Select File screen.

Select the document to be printed.
 If a password is set, enter it, and then press [OK].

- 2. Press [Print Specified Page].
- 3. Press [Specified Page].
- 4. Specify the page to be printed with the number keys, and then press [#].



5. Press the [Start] key.



• To change the value you entered, press the key you want to change, and then enter a new value.

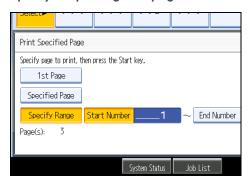
Printing a specified range

You can print the pages in the specified range alone of the document selected on the Select File screen.

1. Select the document to be printed.

If a password is set, enter it, and then press [OK].

- 2. Press [Print Specified Page].
- 3. Press [Specify Range].
- 4. Specify the printing start page with the number keys, and then press [#].



- 5. Specify the printing end page with the number keys, and then press [#].
- 6. Press the [Start] key.



• To change the value you entered, press the key you want to change, and then enter a new value.

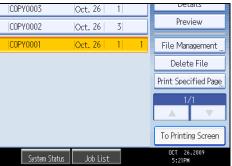
Deleting a Stored Document

Deletes a stored document.



- The Document Server can store up to 3,000 documents. As the number of stored documents reaches 3,000, storing of a new document becomes unavailable. Thus, you should delete unnecessary documents as much as practicable.
- 1. Select the document to be deleted.

If a password is set, enter it, and then press [OK].



3. Press [Yes].



- You can delete all documents stored in the Document Server under Delete All Files in Document Server
 in User Tools. For details about Delete All Files in Document Server, see "System Settings", Network
 and System Settings Reference.
- It is also possible to select two or more documents and delete them.
- You can search the target document using [File Name] or [User Name] situated in the left side of the screen.
- You can sort the documents by user name, file name, or creation date. Press the item to be used for the sorting on the top of the list.
- When you could not identify the target document from the document name, print the first page alone
 of the document in order to confirm the print results.
- To cancel the selection, press the selected (highlighted) key.
- Web Image Monitor allows you to delete a document stored in the Document Server from your computer. For details about how to start Web Image Monitor, see "Displaying Stored Documents with Web Image Monitor".

Reference

p.268 "Displaying Stored Documents with Web Image Monitor"

Displaying Stored Documents with Web Image Monitor

You can display stored documents in the Document Server on the computer screen with Web Image Monitor.

- 1. Start a Web browser.
- Enter "http://(IPv4 address, IPv6 address or host name of this machine)/" in the address bar.

When entering an IPv4 address, do not begin segments with zeros.

6

For example: If the address is "192.168.001.010", you must enter it as "192.168.1.10" to connect to the machine.

The top page of Web Image Monitor will be displayed.

3. Click [Document Server].

The list of documents in the Document Server will be displayed.

4. Click of the document you want to confirm.

Information of the document will be displayed.

5. Confirm contents of the document.



- You can change the format of the list. Click the 🖽 (Thumbnails), 🍱 (Icons), or 🔳 (Details).
- When you want to enlarge the preview display, click [Enlarge Image].

Downloading Stored Documents with Web Image Monitor

You can download stored documents to the computer with Web Image Monitor.

Important

- The file format converter is required if you want to download documents saved under the copy or printer function.
- 1. Start a Web browser.
- Enter "http://(IPv4 address, IPv6 address or host name of this machine)/" in the address bar.

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" to connect to the machine.

The top page of Web Image Monitor will be displayed.

3. Click [Document Server].

The list of documents in the Document Server will be displayed.

- 4. Click of the document you want to download.
- Select either [PDF] or [Multi-page: TIFF] as the file format, and then click [Download].
 The data will be downloaded.
- 6. Click [OK].



- You can change the format of the list. Click the 🖽 (Thumbnails), 🎹 (Icons), or 🔳 (Details).
- Documents saved under the copy or printer function cannot be downloaded as Multi-page TIFF files.

- The file format converter is required if you want to download documents saved under the copy or printer function as PDF files.
- The file format converter is required if you want to download documents saved under the scanner or fax function as Multi-page TIFF files.
- The file format converter is not required if you want to download documents saved under the scanner or fax function as PDF files.
- If you are using Internet Explorer 8, downloading will be slower than with other browsers. To
 download faster with Internet Explorer 8, open the browser's [Internet Options] menu and register the
 machine's URL as a trusted site. Then disable SmartScreen filter for trusted sites. For details about these
 settings, see the Internet Explorer 8 Help files.

Registering Frequently Used Functions for Printing Stored Documents from the Document Server

You can store frequently used Document Server print job settings in the machine memory and recall them for future use.

The settings you can store are Cover/Slip Sheet, Edit / Stamp, 2 Sided / Book, Finishing, and number of copies.

For details about how to store these settings, see "Registering Frequently Used Functions".

Reference

p.120 "Registering Frequently Used Functions"

Changing the Default Functions of the Document Server's Initial Display

You can configure the settings of the initial document print screen or the initial scan original screen.

The initial document print screen appears when [To Printing Screen] on the document selection screen is pressed. The initial scan original screen appears when [Scan Original] on the document selection screen is pressed.

The functions you can specify as the default functions of the initial screens are as follows:

- Initial document print screen
 Cover/Slip Sheet, Edit / Stamp, 2 Sided / Book, Finishing, number of copies
- Initial scan original screen

Paper Tray, Original Type, Density, Special Original, Original Orientation, Edit / Color, Duplex/Combine, Reduce / Enlarge, number of copies

For details about how to configure the default functions displayed on the initial document print screen, see "Changing the Default Functions of the Copy's Initial Display".

To configure the default functions displayed on the initial scan original screen, press the [Program] key and then press [Program].

■ Reference

• p.124 "Changing the Default Functions of the Copy's Initial Display"

7. Copier and Document Server Features

This chapter describes user tools in the Copier / Document Server Features menu.

Accessing User Tools

This section describes how to access User Tools menu.

User Tools allow you to change or set defaults.



- Operations for system settings differ from normal operations. Always quit User Tools when you have finished. For details about how to end User Tools, see "Quitting User Tools".
- Any changes you make with User Tools remain in effect even if the main power switch or operation switch is turned off, or the [Energy Saver] or [Clear Modes] key is pressed.

Reference

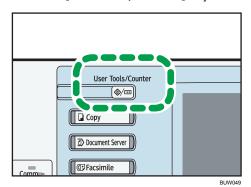
• p.274 "Quitting User Tools"

Changing Default Settings

This section describes how to change the settings of User Tools.



- If the Administrator Authentications Management is specified, contact your administrator.
- 1. Press the [User Tools/Counter] key.



- 2. Press [Copier / Document Server Features].
- 3. Select the user tool you want to change.
- 4. Change settings by following instructions on the display, and then press [OK].

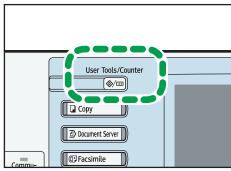


• To cancel changes made to settings and return to the initial display, press the [User Tools/Counter] key.

Quitting User Tools

This section describes how to quit the settings of User Tools.

1. Press the [User Tools/Counter] key.



BUW049



• You can also quit User Tools by pressing [Exit].

7

General Features

This section describes the user tools in the General Features menu under Copier / Document Server Features.

Auto Image Density Priority

You can set whether Auto Image Density is "On" or "Off" when the machine is turned on, reset, or modes are cleared.

Default for "Full Color: Photo": [Off]

Default for "Full Color: Non-photo": [Off]

Default for "B&W: Photo": [Off]

Default for "B&W: Non-photo": [On]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Original Type Priority

You can select the original type effective when the power is turned on, or modes cleared.

Default for "Full Color": [Text / Photo]

Default for "B&W": [Text / Photo]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Original Photo Type Priority

You can specify which original photo type has priority when you select "Text / Photo" or "Photo".

Default for "Text / Photo": [Printed Photo]

Default for "Photo": [Printed Photo]

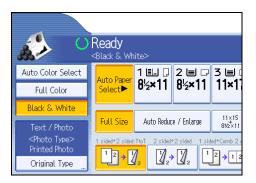
The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Original Type Display

You can have the original types shown on the initial display.

Default: [Display]

If you select "Hide", the display is as below.



The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Paper Display

Choose to have the available paper trays and sizes shown on the initial display.

Default: [Display]

If you select "Hide", the display is shown as below.



Press [Auto Paper Select] to display paper sizes.

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Original Orientation in Duplex Mode

You can set the original orientation when making two-sided copies.

Default: [Top to Top]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Copy Orientation in Duplex Mode

You can set the copy orientation when making two-sided copies.

Default: [Top to Top]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Max. Copy Quantity

The maximum copy quantity can be set between 1 and 9999.

Default: [9999 sheet(s)]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Auto Tray Switching

If you load paper of the same size in two or more trays, the machine automatically shifts to the other when the first tray runs out of paper (when Auto Paper Select is selected). This function is called "Auto Tray Switching". This setting specifies whether to use Auto Tray Switching or not.

Default: [With Image Rotation]

• With Image Rotation

Use to copy when using the Auto Tray Switching function.

• Without Image Rotation

Only copies with Auto Tray Switching if you load paper of the same size and in the same orientation in two or more trays. If the paper is not the same size and in the same orientation, copying is interrupted and the message "Load paper." is displayed.

Off

When a paper tray runs out of paper, copying is interrupted and the message "Load paper." is displayed.

The main machine applies the setting that has been made on it. Sub-machines also apply their own respective settings.

Alert Sound: Original left on Exposure Glass

You can set whether to use a buzzer to alert you when you forget to remove an original.

Default: [On]

If Panel Key Sound of General Features (System Settings) during system settings is set to "Off", this function is invalidated even if it is set to "On".

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Job End Call

You can set whether to generate a buzzer sound ("pi") when a copy is completed.

If Panel Key Sound of General Features (System Settings) is "Lowest", "Low", "Medium", or "High", the machine beeps to notify you that it did not complete a job for reasons such as copying was interrupted, the paper tray ran out of paper, or a paper jam occurred.

Default: [On]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

7

When "Lowest", "Low", "Medium", or "High" is selected, only the main machine beeper sounds.

Connect Copy Key Display

You can set whether to display [Connect Copy]. If you select "Off", the key does not appear and a main machine cannot be specified.

Default: [On]

The main machine applies the setting that has been made on it. Sub-machines also apply their own respective settings.

Switch Original Counter Display

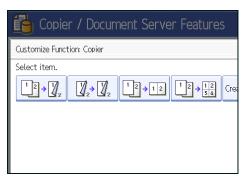
You can set whether to count the two-sided documents by number of sheets or pages.

Default: [Original Sheet Counter]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Customize Function: Copier

You can assign up to six frequently-used functions to Copy Function keys.



Default for "Customize Function: Copier 1": [1 sided → 2 sided: TtoT]

Default for "Customize Function: Copier 2": [2 sided \rightarrow 2 sided]

Default for "Customize Function: Copier 3": [1 sided → Comb 2 orig]

Default for "Customize Function: Copier 4": [1 sided → Comb 4 orig]

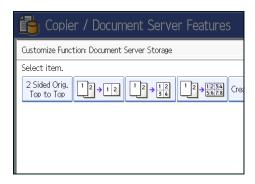
Default for "Customize Function: Copier 5": [Create Margin]

Default for "Customize Function: Copier 6": not programmed

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Customize Function: Document Server Storage

You can assign up to six frequently-used functions for scanning documents on the Document Server Storage keys.



Default for "Customize Function: Document Server Storage 1": [2 Sided Orig. Top to Top]

Default for "Customize Function: Document Server Storage 2": [1 sided → Comb 2 orig]

Default for "Customize Function: Document Server Storage 3": [1 sided → Comb 4 orig]

Default for "Customize Function: Document Server Storage 4": [1 sided → Comb 8 orig]

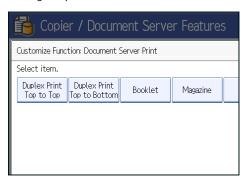
Default for "Customize Function: Document Server Storage 5": [Create Margin]

Default for "Customize Function: Document Server Storage 6": not programmed

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Customize Function: Document Server Print

You can assign up to six frequently-used functions for scanning documents on the Document Server Storage keys.



Default for "Customize Function: Document Server Print 1": [Duplex Print Top to Top]

Default for "Customize Function: Document Server Print 2": [Duplex Print Top to Bottom]

Default for "Customize Function: Document Server Print 3": [Booklet]

Default for "Customize Function: Document Server Print 4": [Magazine]

Default for "Customize Function: Document Server Print 5": not programmed

Default for "Customize Function: Document Server Print 6": not programmed

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Reproduction Ratio

This section describes the user tools in the Reproduction Ratio menu under Copier / Document Server Features.

Shortcut Reduce/Enlarge

You can register up to three frequently used Reduce/Enlarge ratios other than the fixed Reduce/Enlarge ratio and have them shown on the initial display.

You can also change registered Reduce/Enlarge ratios.

When you select [User Reduce/Enlarge Ratio], the ratio can be set from 25 to 400%, using the number keys.

Default for "F1": [71%] (Metric version) / [73%] (Inch version)

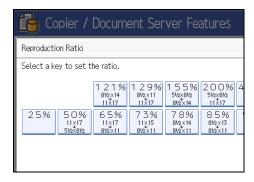
Default for "F2": [141%] (Metric version) / [155%] (Inch version)

Default for "F3": [93%]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Reproduction Ratio

You can specify the enlargement and reduction ratios that appear if [Reduce / Enlarge] is pressed on the copier screen.



- Metric version
 - 25%
 - A3 → A5, 8 × 13 → A5 (50%)
 - A3 → 8 × 13 (65%)
 - A3 → A4, A4 → A5 (71%)
 - B4 JIS → 8 × 13 (75%)
 - 8 × 13 → A4, B4 JIS → A4 (82%)
 - 93%
 - B4 JIS → A3 (115%)

- 8 × 13 → A3, A4 → B4 JIS (122%)
- A4 → A3, A5 → A4 (141%)
- A5 → A3 (200%)
- 400%
- User Reduce/Enlarge Ratio (25-400%)
- Inch version
 - 25%
 - $11 \times 17 \rightarrow 5^{1}/_{2} \times 8^{1}/_{2}$ (50%)
 - $11 \times 17 \rightarrow 8^{1}/_{2} \times 11 (65\%)$
 - $11 \times 15 \rightarrow 8^{1}/_{2} \times 11 (73\%)$
 - $8^{1}/_{2} \times 14 \rightarrow 8^{1}/_{2} \times 11 (78\%)$
 - $8^{1}/_{2} \times 13 \rightarrow 8^{1}/_{2} \times 11 (85\%)$
 - 93%
 - $8^{1}/_{2} \times 14 \rightarrow 11 \times 17 (121\%)$
 - $8^{1}/_{2} \times 11 \rightarrow 11 \times 17 (129\%)$
 - $5^{1}/_{2} \times 8^{1}/_{2} \rightarrow 8^{1}/_{2} \times 14 (155\%)$
 - $5^{1}/_{2} \times 8^{1}/_{2} \rightarrow 11 \times 17 (200\%)$
 - 400%
 - User Reduce/Enlarge Ratio (25-400%)

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Reduce/Enlarge Ratio Priority

You can set the ratio with priority when [Reduce / Enlarge] is pressed.

Default: [71%] (Metric version) / [65%] (Inch version)

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Ratio for Create Margin

You can set a Reduce/Enlarge ratio when registering Create Margin in a shortcut key.

Enter a ratio using number keys (in the range of 90 to 99%).

Default: [93%]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Edit

This section describes the user tools in the Edit menu under Copier / Document Server Features.

Enter the width of the binding margin with the number keys as follows:

- Metric version: 0 30 mm (in increments of 1 mm)
- Inch version: 0 1.2 inches (in increments of 0.1 inch)

Enter the width of the erased margin with the number keys as follows:

- Metric version: 2 99 mm (in increments of 1 mm)
- Inch version: 0.1 3.9 inches (in increments of 0.1 inch)

An image of approximately 1.5 mm (0.06 inch) will not be displayed as the width of the separation line, when specifying solid or broken lines.

Front Margin: Left / Right

Specify left and right margins on the front side of copies in Margin Adjustment mode.

Default: [Left: 5 mm] (Metric version) / [Left: 0.2 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Back Margin: Left / Right

Specify left and right margins on the back side of copies in Margin Adjustment mode.

Default: [Right: 5 mm] (Metric version) / [Right: 0.2 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Front Margin: Top / Bottom

Specify top and bottom margins on the front side of copies in Margin Adjustment mode.

Default: [T/B: 0 mm] (Metric version) / [T/B: 0.0 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Back Margin: Top / Bottom

Specify top and bottom margins on the back side of copies in Margin Adjustment mode.

Default: [T / B: 0 mm] (Metric version) / [T / B: 0.0 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

1 Sided → 2 Sided Auto Margin: TtoT

In 1 sided to 2 sided Duplex mode, you can specify the margins on the back side.

The margin is set to the same value of "Back Margin: Left/Right".

Default: [Right: 5 mm] (Metric version) / [Right: 0.2 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

1 Sided → 2 Sided Auto Margin: TtoB

In 1 sided to 2 sided Duplex mode, you can specify the margins on the back side.

The value set for "Back Margin: Top/Bottom" is used.

Default: [T / B: 0 mm] (Metric version) / [T / B: 0.0 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Creep Setting for Magazine

Specify the creep binding margin width.

Default: [5 mm] (Metric version) / [0.2 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Erase Border Width

Specify the width for erasing border.

Default: [10 mm] (Metric version) / [0.4 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Erase Original Shadow in Combine

In Combine mode, you can specify whether to erase a 3 mm, 0.1 inch boundary margin around all four edges of each original.

Default: [On]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Erase Center Width

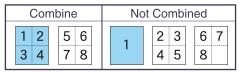
Specify the width of the erased center margins with this function.

Default: [10 mm] (Metric version) / [0.4 inch] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Front Cover Copy in Combine

You can make a combined copy on the front cover sheet when you select Front Cover mode.



BPZ042

Default: [Combine]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Copy Order in Combine

You can set the copy order in Combine mode to From Left to Right or From Top to Bottom.

From Left to Right	From Top to Bottom
1 2 3 4	1 3 2 4
1 2 3 4 5 6 7 8	1 3 5 7 2 4 6 8

GCAH090E

Default: [From Left to Right]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Orientation: Booklet, Magazine

Select the opening orientation of copies made using Booklet or Magazine mode.

Default: [Open to Left]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Copy on Designating Page in Combine

Specify whether to make a combined copy on the inserted slip sheets in Desig./Chapter mode.

Default: [Combine]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Image Repeat Separation Line

You can select a separation line using the Image Repeat function from: None, Solid, Broken A, Broken B, or Crop Marks.

	и
7	7
7	/

	• None
	• Solid
	Broken A
	Broken B
	Crop Marks
De	efault: [None]
	eparation line color cannot be specified when selecting [None].
ln	"Black & White", printing will be done in black.
	electing solid or broken lines might produce a blank area of approximately 1.5 mm (0.06 inch) in dth along the separation line.
	e main machine applies the settings that have been made on it. Sub-machines also apply the settings ade on the main machine, regardless of the settings made on them.
Double	e Copies Separation Line
	ou can select a separation line using the Double Copies function from: None, Solid, Broken A, oken B, or Crop Marks.
	• None
	• Solid

• Broken A

7

• Crop Marks



Default: [None]

Separation line color cannot be specified when selecting [None].

In "Black & White", printing will be done in black.

Selecting solid or broken lines might produce a blank area of approximately 1.5 mm (0.06 inch) in width along the separation line.

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Copy Back Cover

When one-sided copying the back cover, you can specify whether to have the back cover outside (outside page) or inside (inside page).

Default: [Outside]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Settings made on the main machine are applied.

Stamp

This section describes the user tools in the Stamp menu under Copier / Document Server Features.

Background Numbering

This section describes the user tools in the Stamp menu under Copier / Document Server Features.

Size

You can set the size of the numbers.

Default: [Normal]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Density

You can set the density of the numbers.

Default: [Normal]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Color

You can set the color of the numbers.

Default: [Black]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Preset Stamp

This section describes the user tools in the Preset Stamp menu under Stamp.

Stamp Language

You can select the language of the message printed in Stamp mode.

 English, German, French, Italian, Spanish, Dutch, Portuguese, Polish, Czech, Swedish, Finnish, Hungarian, Norwegian, Danish, Russian, Japanese, Simplified Chinese, Traditional Chinese, Hangul, Catalan, Turkish

Default: [English]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

1

Stamp Priority

You can select the stamp type given priority when [Preset Stamp] is pressed.

Default: [COPY]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Format

Specify how each of stamp is printed.

• Stamp Position

Specify where to print the stamp.

Default: [Top Right]

• Adjust Stamp Position

You can adjust the print position of the stamp within the available ranges shown below.

Metric version:

```
"Top Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Top Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Top Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Center Left" - T/B: 72 - 72 mm, L/R: 4 - 144 mm

"Center" - T/B: 72 - 72 mm, L/R: 72 - 72 mm

"Center Right" - T/B: 72 - 72 mm, L/R: 4 - 144 mm

"Bottom Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Bottom Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Bottom Right" - T/B: 4 - 144 mm, L/R: 72 - 72 mm
```

• Inch version:

```
"Top Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Top Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Top Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Center Left" - T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches
"Center" - T/B: 2.8 - 2.8 inches, L/R: 2.8 - 2.8 inches
"Center Right" - T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches
"Bottom Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Bottom Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Bottom Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
```

• Size

7

You can set the size of the stamp.

Default: [1 X]

Density

You can set the pattern used to print the stamp.

Default: [Normal]

Normal

The stamp is printed on the image. You cannot check which parts will overlap.

Lighter

The image can be seen through the stamp.

Lightest

The image appears even clearer than in the Lighter setting.

Page to Stamp

You can have the stamp printed on the first page or all pages.

Default: [All Pages]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Color

Sets the stamp print color.

Default: [Black]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

User Stamp

This section describes the user tools in the User Stamp menu under Stamp.

Program / Delete Stamp

You can register, change, or delete user stamps.

You can register up to four custom stamps with your favorite designs.

For details about how to program the user stamp, see "User Stamp".

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Format: 1-4

Specify how each of registered user stamps 1 to 4 is printed.

• Stamp Position

Specify where to print the user stamp.

Default: [Top Right]

• Adjust Stamp Position

You can adjust the position of the user stamp within the available ranges shown below.

Metric version:

```
"Top Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Top Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Top Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Center Left" - T/B: 72 - 72 mm, L/R: 4 - 144 mm

"Center" - T/B: 72 - 72 mm, L/R: 72 - 72 mm

"Center Right" - T/B: 72 - 72 mm, L/R: 4 - 144 mm

"Bottom Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Bottom Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Bottom Right" - T/B: 4 - 144 mm, L/R: 72 - 72 mm
```

Inch version:

```
"Top Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Top Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Top Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Center Left" - T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches
"Center" - T/B: 2.8 - 2.8 inches, L/R: 2.8 - 2.8 inches
"Center Right" - T/B: 2.8 - 2.8 inches, L/R: 0.1 - 5.7 inches
"Bottom Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Bottom Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Bottom Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
```

Page to Stamp

Sets whether to print the stamp on all pages or only the first page.

Default: [All Pages]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Color: 1-4

Sets the priority of the colors selected for user stamp (1 to 4).

Default: [Black]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

• p.163 "User Stamp"

Date Stamp

This section describes the user tools in the Date Stamp menu under Stamp.

Format

You can select the date format for Date Stamp mode.

Default: [DD/MM/YYYY] (Metric version) / [MM/DD/YYYY] (Inch version).

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Font

You can select the date stamp font.

Default: [Font 1]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Size

You can set the date stamp size.

Default: [Auto]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Superimpose

You can have the date stamp printed in white when it overlaps black parts of the image.

Default: [Off]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Color

Sets the selected priority color when printing the date.

Default: [Black]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Setting

Specify how date stamp is printed.

• Stamp Position

Specify where to print the Date Stamp.

7

Default: [Top Left]

• Adjust Stamp Position

You can adjust the position of the date stamp within the available ranges shown below.

Metric version:

```
"Top Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Top Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Top Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Bottom Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Bottom Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Bottom Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm
```

• Inch version:

```
"Top Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Top Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Top Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Bottom Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Bottom Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Bottom Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
```

• Page to Stamp

Sets whether to print the stamp on all pages or only the first page.

Default: [All Pages]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Page Numbering

This section describes the user tools in the Page Numbering menu under Stamp.

Stamp Format

You can select the page number format given priority when [Page Numbering] is pressed.

Default: [P1, P2...]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Font

You can select the font in Page Numbering mode.

Default: [Font 1]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Size

You can set the size of the stamp printed in Page Numbering mode.

Default: [Auto]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Duplex Back Page Stamping Position

You can set the position of the duplex back page number printed in Duplex mode.

Default: [Opposite Position]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Page Numbering in Combine

You can set page numbering when using the Combine function and the Page Numbering function together.

Default: [Per Original]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp on Designating Slip Sheet

You can select to print the page number onto slip sheets when using the Designate function set to "Copy" and the Page Numbering function together.

Default: [Off]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Position

Specify how each of stamp is printed.

Stamp Position

Specify where to print the stamp.

For the patterns of "P1, P2...", "1/5, 2/5...", "P.1, P.2...", and "1, 2...", the machine is shipped from the factory with this position set to **Top Right**.

For the patterns of "-1-, -2-..." and "1-1, 1-2...", the machine has this position set to **Bottom Center**.

Adjust Stamp Position

You can adjust the position of the stamp within the available ranges shown below.

• Metric version:

```
"Top Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Top Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Top Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Bottom Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Bottom Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm
```

"Bottom Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

Inch version:

```
"Top Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Top Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Top Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Bottom Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
"Bottom Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches
"Bottom Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
```

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Superimpose

You can have page numbers printed in white when they overlap black parts of the image.

Default: [Off]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Color

Sets the priority of the colors selected for the page numbers.

Default: [Black]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Page Numbering Initial Letter

You can select the page numbering initial letter between "P1, P2.../P.1, P.2..." and "S1, S2.../S.1, S.2...".

Default: [P1,P2.../P.1,P.2...]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Text

This section describes the user tools in the Stamp Text menu under Stamp.

Font

You can select the font in stamp text mode.

Default: [Font 1]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Size

You can set the stamp text size.

Default: [Auto]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Superimpose

You can have the stamp text printed in white when it overlaps black parts of the image.

Default: [Off]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Color

Sets the selected priority color when printing the text.

Default: [Black]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Stamp Setting

Specify how stamp text is printed.

• Stamp Position

Specify where to print the Stamp Text.

Default: [Top Right]

• Adjust Stamp Position

You can adjust the print position of the Stamp Text within the available ranges as shown below.

Metric version:

```
"Top Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Top Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Top Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

"Bottom Left" - T/B: 4 - 144 mm, L/R: 4 - 144 mm
```

"Bottom Center" - T/B: 4 - 144 mm, L/R: 72 - 72 mm

"Bottom Right" - T/B: 4 - 144 mm, L/R: 4 - 144 mm

• Inch version:

```
"Top Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Top Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Top Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Left" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches

"Bottom Center" - T/B: 0.1 - 5.7 inches, L/R: 2.8 - 2.8 inches

"Bottom Right" - T/B: 0.1 - 5.7 inches, L/R: 0.1 - 5.7 inches
```

• Page to Stamp

Sets whether to print the stamp on all pages or only the first page.

Default: [All Pages]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Input/Output

This section describes the user tools in the Input/Output menu under Copier / Document Server Features.

Switch to Batch

You can select to have Batch mode or SADF mode displayed when you press [Special Original].

Default: [Batch]

Settings made on the main and sub-machines do not affect the connect copy.

SADF Auto Reset

In SADF mode, an original must be set within a specified time after the previous original has been fed.

Default: [5 seconds]

You can adjust this time from 3 to 99 seconds in increments of 1 second.

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Rotate Sort: Auto Paper Continue

Specify whether or not the machine continues copying when paper of the required orientation runs out during rotate sort.

This function is effective when Auto Tray Switching in User Tools (General Features) is set to "On (Rotate)".

Default: [Off]

On

Copying continues using copy paper of a different orientation. The copy job will finish even if you have left the machine.

Off

When paper of the required orientation runs out, the machine stops copying and prompts you to supply copy paper. After you have loaded paper, the machine will continue copying.

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Copy Eject Face Method in Glass Mode

You can specify the way in which copies are delivered when copying an original placed on the exposure glass.

Default: [Face Up]

Settings made on the main and sub-machines do not affect the connect copy.

Copy Eject Face Method in Bypass Mode

You can specify the way in which copies are delivered when copying in bypass mode.

Default: [Face Up]

Settings made on the main and sub-machines do not affect the connect copy.

Memory Full Auto Scan Restart

When memory becomes full while scanning originals, the machine can make copies of scanned originals first, and then automatically proceed scanning remaining originals.

Default: [Off]

• On

You can leave the machine unattended to make copies, but sorted pages will not be sequential.

Off

When memory becomes full, the machine stops operation allowing you to remove the copy pages delivered on the output tray.

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Insert Separation Sheet

You can specify the number of copy pages for inserting the separation sheet from 1 to 999 pages in increments of 1 page.

Default: [1 set(s)]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Letterhead Setting

If you select [Yes] in this function, the machine rotates the image correctly.

Default: [No]

Orientation-fixed (top to bottom) or two-sided paper might not be printed correctly depending on how the originals and paper are placed.

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Staple Position

Specify which staple type has priority to be shown on the initial display.

Finisher SR4030, Finisher SR5000 or Finisher SR4040 is required to use this function.

• When Finisher SR4030 or Finisher SR5000 is installed:

Default for "Staple Position 1": [Top 1]

Default for "Staple Position 2": [Bottom 1]

Default for "Staple Position 3": [Left 2]

Default for "Staple Position 4": [Top 2]

• When Finisher SR4040 is installed:

Default for "Staple Position 1": [Top 1]

Default for "Staple Position 2": [Center]

Default for "Staple Position 3": [Left 2]

Default for "Staple Position 4": [Top 2]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Punch Type

Specify which punch type has priority to be shown on the initial display.

Default for "Punch Type 1": [3 Holes Left]

Default for "Punch Type 2": [3 Holes Top]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Simplified Screen: Finishing Types

You can select which key is displayed with higher priority for "Finishing Types" on the Simplified Screen.

Default for "Simplified Screen: Finishing Types 1": not programmed

Default for "Simplified Screen: Finishing Types 2": not programmed

Default for "Simplified Screen: Finishing Types 3": not programmed

Settings made on the main and sub-machines do not affect the connect copy.

The connect copy function is not available from the simple display.

Z-fold Output Tray

Specify the tray where Z-fold prints are output to.

Default: [Folding Unit Tray]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Half Fold Settings

Specify each settings of half fold.

Fold Orientation

Specify the fold orientation of prints.

Default: [Right - Left]

Print Side

Specify which side of sheets is printed on.

Default: [Inside]

Multi-sheet Fold

Specify whether or not to fold multiple sheets together.

Default: [Off]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Letter Fold-out Settings

Specify each settings of letter fold-out.

Fold Orientation

Specify the fold orientation of prints.

Default: [Right - Left]

Open Orientation

Specify the opening orientation of prints.

Default: [Open to Right] (Open to Top)

Multi-sheet Fold

Specify whether or not to fold multiple sheets together.

Default: [Off]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Letter Fold-in Settings

Specify each settings of letter fold-in.

Fold Orientation

Specify the fold orientation of prints.

Default: [Right - Left]

Open Orientation

Specify the opening orientation of prints.

Default: [Open to Right] (Open to Top)

• Print Side

Specify which side of sheets is printed on.

Default: [Inside]

Multi-sheet Fold

Specify whether or not to fold multiple sheets together.

Default: [Off]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Double Parallel Fold Settings

Specify each settings of double parallel fold.

Fold Orientation

Specify the fold orientation of prints.

Default: [Right - Left]

• Open Orientation

Specify the opening orientation of prints.

Default: [Open to Right] (Open to Top)

• Print Side

Specify which side of sheets is printed on.

Default: [Inside]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

Gate Fold Settings

Specify each settings of gate fold.

Fold Orientation

Specify the fold orientation of prints.

Default: [Right - Left]

• Print Side

Specify which side of sheets is printed on.

Default: [Inside]

The main machine applies the settings that have been made on it. Sub-machines also apply the settings made on the main machine, regardless of the settings made on them.

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Adjust Color Image

This section describes the user tools in the Adjust Color Image menu under Copier/Document Server Features.

Background Density of ADS (Full Color)

The background density is adjusted to skip the texture and copy. You can adjust the background density up to five levels when in Full Color.

The default setting is the middle of five adjustment levels.

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Color Sensitivity

You can adjust the color specified to convert in "Color Convert" and the color specified for "Erase Color", in five levels.

The default setting is the middle of five adjustment levels.

When the color width has been set to "Wider", and the color to be deleted, for example is red, all the colors that are close to magenta and orange are deleted. If it's set to "Narrower" the color red will be deleted.

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

A.C.S. Sensitivity

This five-step setting determines the level of the standard used for discriminating between black & white originals and full color originals when "Auto Color Select" is selected.

The default setting is the middle of five adjustment levels.

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

A.C.S. Priority

This setting determines the copy priority between "Black & White" and "Full Color" when "Auto Color Select" is selected.

Default: [Full Color]

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Inkjet Output Type

When copying inkjet paper documents, specify the final image quality appropriate to the color of the document.

This setting is effective after you select [Inkjet Output] under [Others] (copier function screen).

Default: [Inkjet Output 1]

When copying paper documents printed on a regular color inkjet printer, select [Inkjet Output 1].

Increase image redness, select [Inkjet Output 2].

Increase image blueness, select [Inkjet Output 3].

The main machine applies the settings that have been made on it. Sub-machine settings do not affect connect copy.

Administrator Tools

Menu Protect

You can prevent unauthenticated users from changing the user tools settings.

For details, consult the administrator.

8. Appendix

This chapter describes the copy machine's specifications and the function compatibility.

Function Compatibility

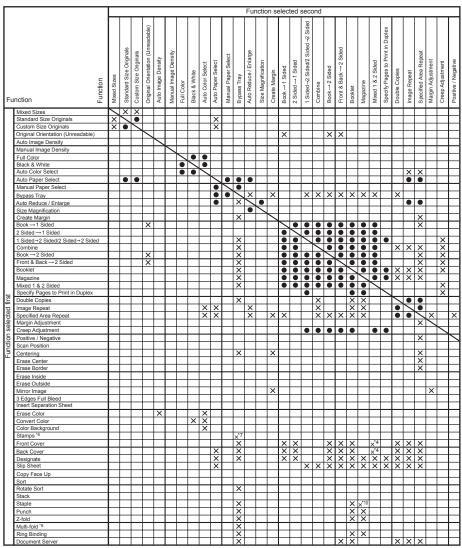
The combination chart given below shows which modes can be used together.

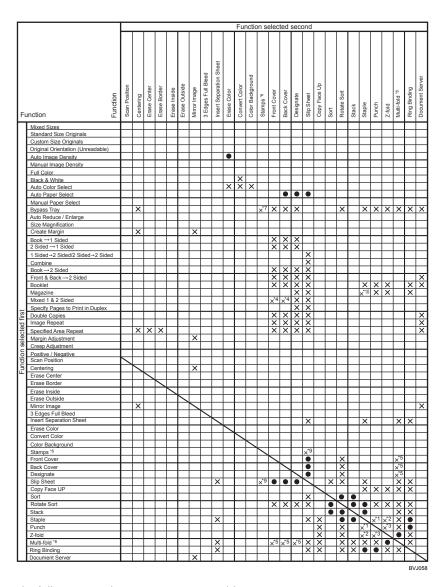
Blank: These modes can be used together.

×: These modes cannot be used together. The first mode selected will be the mode you are working in.

•: These modes cannot be used together. The second mode selected will be the mode you are working in.

The following shows the combinations of functions:





The following combinations are not possible.

- *1 Top 2 of Staple with 2 Holes Left of Punch, Left 2 of Staple with 2 Holes Top of Punch, Top 1/Slant/Bottom 1 of Staple with 2 Holes Top of Punch, Center of Staple with 2 Holes Top of Punch
- *2 Top 2 of Staple with Right Fold, Left 2 of Staple with Bottom Fold, Top 1/Bottom 1 of Staple with Bottom Fold, Slant of Staple with Bottom Fold, Center of Staple with Z-fold
- *3 Left 2 of Punch with Bottom Fold, Top 2 of Punch with Right Fold
- *4 Front Cover or Back Cover with 2 Sided → 1 Sided
- *5 Copy of Front Cover, Back Cover, or Designate with Print Side:Outside
- *6 Stamps include Background Numbering, Preset Stamp, User Stamp, Date Stamp, Stamp Text, and Page Numbering.

- *7 Preset Stamp, User Stamp, Date Stamp, Stamp text, or Page Numbering with Bypass Tray
- *8 Multi-fold includes Half Fold, Letter Fold-in, Letter Fold-out, Double Parallel Fold, and Gate Fold.
- *9 Background Numbering with Slip Sheet
- *10 Top 1/Slant/Bottom 1/Left 2/Top 2 of Staple with Magazine

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INDEX

	Binding copies109
	Binding margin184
1 Sided 2 Sided Auto Margin TtoB283	Binding position109
1 Sided 2 Sided Auto Margin TtoT282	Black & White11, 127
3 Edges Full Bleed204	Booklet207
A	Booklet/Magazine207
A.C.S. Priority303	Border Erase186
A.C.S. Sensitivity303	Bypass tray49
Accessing User Tools	C
ADF	
Adjust Color14, 135	Center Erase186
Adjust Color Image303	Centering201
Adjust U.C.R136, 139	Changing a stored program121
Adjusting colors14, 132	Changing default settings273
Adjusting colors based on the selected color	Changing the color balance134
141	Changing the default functions124
Adjusting copy image density145	Changing the file name257
Adjusting image qualities15, 132	Changing the number of print copies264
Administrator Tools305	Changing the number of sets84
Alert Sound Original left on Exposure Glass	Changing the order of jobs117
277	Changing the password258
Auto Color Select127	Changing the user color name143
Auto document feeder17, 26	Chapters220
Auto Image Density145	Checking the contents of jobs116
Auto Image Density Priority275	Checking the details of a stored document258
Auto Off when using Connect Copy230	Checking the job history119
Auto Paper Select26, 149, 150	Color Background11, 131
Auto Reduce/Enlarge65	Color Balance14, 132
Auto Reset when using Connect Copy229	Color Balance program133
Auto Start45	Color Functions127
Auto Tray Switching277	Color Sensitivity303
Available color functions11	Combine
В	Combined auto and manual image density146
D. I.C	Connect Copy20, 227, 232, 233, 235, 241,
Back Cover	Connect Conv. Display Bond
Back Margin Left / Right282	Connect Copy Display Panel231
Back Margin Top / Bottom282	Connect Copy Job Flow241
Background Density	Connect Copy Key Display278
Background Density of ADS (Full Color)303	Connect Print
Background Numbering	Contrast
Base point of Reduce/Enlarge61	Convert Colors
Basic procedure	Copier functions
Batch	Copy Back Cover287
Before you start Connect Copy229	Copy Eject Face Method in Glass Mode298

Copy Face Up43	Display panel21
Copy on Designating Page in Combine284	Displaying stored documents268
Copy Order in Combine284	Document Server113, 236, 247, 270
Copy Orientation in Duplex Mode276	Document Server Display248
Copying41	Double Copies199
Copying from the bypass tray49	Double Copies Separation Line285
Copying from the wide LCT60	Double Parallel Fold20, 80, 100
Copying onto envelopes57	Double Parallel Fold Settings301
Copying onto OHP transparencies55	Downloading stored documents269
Copying onto tab stock46, 60	Duplex68
Copying onto thick paper55	Duplex Back Page Stamping Position294
Copying onto thin paper55	E
Copying originals of various sizes36	_
Covers215	Edit
Create Margin157	Enlarging originals61
Creating colors by specifying the density142	Erase
Creep Adjustment212	Erase Border187, 188, 190, 191
Creep Setting for Magazine283	Erase Border Width283
Custom size originals39	Erase center190, 191
Custom size paper52	Erase Center189
Customize Function Copier278	Erase Center / Border186, 190, 191
Customize Function Document Server Print279	Erase Center Width283
Customize Function Document Server Storage	Erase Color129
278	Erase Inside192
D	Erase Original Shadow in Combine283
-	Erase Outside194
Date171	Erase Specified Color11
Date format171	Exiting Connect Copy236
Date Stamp	Exposure glass25, 26, 32
Default settings124, 270	F
Deleting a stored document267	Ence devin
Deleting a stored program122	Face down
Deleting jobs118	Facsimile Functions247
Deleting the color balance135	
Deleting the user stamp168	Firishing
Deleting user colors143	First Printing Page176, 177, 178
Delivery order43	Fold96
Density	Fold position
Designation Shoot Conv.	Folding copies to make a booklet207
Designation Sheet Copy221	Folding copies to make a magazine207
Detectable original sizes	Font
Directional Magnification	Format
Directional Size Magnification (inch)156 Display of the sub-machine 232	Frequently used functions
DISOLOV OF THE SUD-MOCHINE 737	- 1 - GO - GIIII V USEG TOTICITOTIS

Front Cover	215	Job Preset	45
Front Cover Copy in Combine	283	Job Preset in Connect Copy	239
Front Margin Left / Right	282	L	
Front Margin Top / Bottom	282		
Full Color	11, 127	Large capacity tray	
Function compatibility	307	Last Number	
G		Laws	
		LCT	
Gate Fold		Left Original Beeper	
Gate Fold Settings		Legal prohibition	
General Features		Letter Fold-in	
Generation Copy	147	Letter Fold-in Settings	
H		Letter Fold-out	
Half Fold	20 80 100	Letter Fold-out Settings	
Half Fold Settings		Letterhead Setting	299
Highlight Pen		M	
Holding jobs		Machine types and options for Cor	nect Copy
How Connect Copy works			
How to read this manual		Magazine	207, 212
-		Main machine227, 241	, 242, 243, 244
l .		Managing jobs	115
Image density	145	Manual Image Density	
Image position of Combine	72	Manual Paper Select	
Image Repeat	196	Manuals for this machine	
Image Repeat Separation Line	284	Мар	147
Important		Margin Adjustment	184
Initial display	.21, 124, 248, 270	Max. Copy Quantity	277
Initial display panel	231	Memory Full Auto Scan Restart	299
Inkjet Output	147	Menu Protect	305
Inkjet Output Type	303	Mirror Image	203
Input/Output	298	Missing image area	29
Insert Separation Sheet	84, 299	Mix 1 & 2 Sided	213
Insert Sheet	223	Mixed Sizes	3
Interrupt Copy	42	Multi bypass tray	51, 52
Interrupting a print job	264	Multi-folding unit	20
Interrupting Connect Copy	229	N	
Invert	202		
Item	17	Names of major items	
J		New job	
		Non-compatible originals	
Job End Call		Notes	
Job List screen	115	Notice	10

0	Punch	20, 80, 92
	Punch hole positions	92
OHP transparencies55	runch Type	300
One-Sided Combine72	runching cobles	111
Options	runching position	111
Order of Copy Output235		
Orientation Booklet, Magazine284		
Original orientation30, 160, 163, 169, 172, 179	D	274
Original orientation and completed copies68		
Original Orientation in Duplex Mode276	<u> </u>	
Original Photo Type Priority275		
Original size25		
Original type147	Recalling the color balance	134
Original Type Display275	Recalling the registered custom size	54
Original Type Priority275	Recommended originals	25
Original weight25	, 0	152
Originals25	Reduce/Enlarge Ratio Priority	281
Originals and copy orientation71	Reducing originals	61
P	Registering a custom size	53
	Registering functions	120
Page Numbering13, 172, 293	Registering the color balance	133
Page Numbering in Combine294	Registering the user significant and a	166
Page Numbering Initial Letter295	Regular size originals	38
Pale147	Requiai size papei	51
Paper Display276	Requiditoris	19
Photo147	Repedi	196
Placing originals25, 30	Reproduction Ratio	
Placing originals in the ADF33	Ring Binding	
Placing originals of different sizes36	Rotate copy	
Placing originals on the exposure glass32	Rotate Sort Auto Paper Continue	
Positive/Negative202	·	
Preset Reduce/Enlarge61		
Preset Stamp13, 160, 288	SADF	35
Preview Display250	SADF Auto Reset	298
Primary colors11	1 1/	83
Printer functions247	Sample print	265
Printing a list of user colors143	Scan Position	183
Printing a specified page266	Scanner functions	247
Printing a specified range266	Searching by file name	260
Printing stored documents261		
Printing the first page265	Searching for stored documents	259
Program120, 124	Selecting a color mode	127
Program/Delete Stamp 290	· ·	

- 1	
Selecting copy paper	149, 151
Separation Line in Combine	286
Series Copies	205
Sharp / Soft	136, 137
Sharp/Soft	
Shift Stack	
Shortcut Reduce/Enlarge	
Simplified Display	
Simplified Screen Finishing Types	
Size288, 292,	
Size Magnification	
_	
Sizes difficult to detect	
Slip Sheet	
Sort	
Specified Area Repeat	196, 198
Specifying a file name	254
Specifying a password	255
Specifying a reproduction ratio	63, 64
Specifying a user name	254
Specifying original sizes	38
Specifying the reproduction ratio	154, 155
Stack2	20, 80, 86
Stamp	159, 288
Stamp color160, 163, 166, 172,	176, 182
Stamp Color288, 290, 292,	
Stamp Color 1-4	291
Stamp density	163
Stamp Format	
Stamp Format 1-4	
Stamp Language	
Stamp on Designating Slip Sheet	
Stamp position160, 163, 165, 169,	
olamp position100, 100, 100, 107,	179, 181
Stamp Position	294
Stamp Priority	
Stamp Setting	
Stamp size	
Stamp Text13,	
Stamping on copies	
Staple2	
Staple (Center)	
	∠∪
Stanla Position	
Staple PositionStapling position	299

Storing data	
Storing data in the Document Server	113 243, 244 295, 296 278
Tab stock20, 46	
Text	
Text / Photo Sensitivity1	
Text/Photo	
Thick paper	
Thin paper	
Trademarks	
Two-Sided Combine	/6
U	
Unreadable orientation	140 68, 290
Web Image Monitor2	
When both machines are in use	
When one of the two machines is idle	90, 197
Whole Area Repeat1	
Whole Area Repeat1 Wide large capacity tray	17
Whole Area Repeat1 Wide large capacity tray Wide LCT	17
Whole Area Repeat1 Wide large capacity tray Wide LCT Z	17, 60
Whole Area Repeat1 Wide large capacity tray Wide LCT Z Z-fold20	17, 60 17, 60
Whole Area Repeat1 Wide large capacity tray	17, 60 17, 60), 80, 97
Whole Area Repeat1 Wide large capacity tray Wide LCT Z Z-fold20	17, 60 17, 60 300 97
Whole Area Repeat	17, 60 17, 60 300 97

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320 EN US D081-7624

