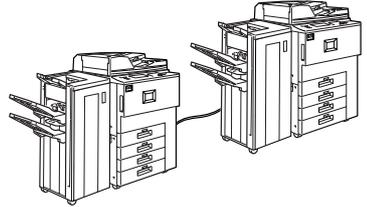




Operating Instructions

Connect Copy Reference



-
- 1** Connect Copy
 - 2** Remarks
 - 3** Troubleshooting
 - 4** Specifications

Introduction

This manual describes detailed instructions on the operation and notes about the use of this machine. To get maximum versatility from this machine all operators are requested to read this manual carefully and follow the instructions. Please keep this manual in a handy place near the machine.



Notes

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.



Warning:

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

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

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How to Read This Manual

Symbols

In this manual, the following symbols are used:

WARNING:

This symbol indicates a potentially hazardous situation that might result in death or serious injury if you use this machine without following the instructions under this symbol. Be sure to read these instructions, all of which are included in the Safety Information section.

CAUTION:

This symbol indicates a potentially hazardous situation that might result in minor or moderate injury or material damage not involving physical injury if you use this machine without following the instructions under this symbol. Be sure to read these instructions, all of which are included in the Safety Information section.

- WARNINGS and CAUTIONS are notes for your safety.

Important

If this instruction is not followed, paper might misfeed, originals may get damaged, and data might be lost. Be sure to read this.

Preparation

This symbol indicates the prior knowledge or preparation required before operating.

Note

This symbol indicates precautions for operation or actions to take after mal-operation.

Limitation

This symbol indicates numerical limits, incompatible functions or conditions in which particular functions cannot be used.

Reference

This symbol indicates a reference.

[]

Keys that appear on the machine's display panel.

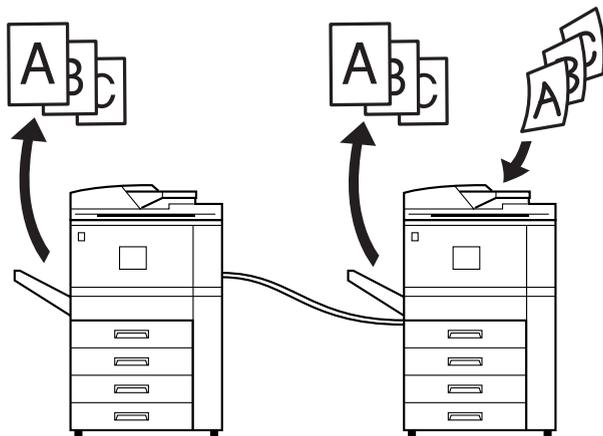
[]

Keys built into the machine's control panel.

1. Connect Copy

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 sub-machine) so copies can be made on both machines simultaneously.



KHCONN1E

Connect Copy Benefits

Connect Copy gives the user the following advantages:

❖ **High-speed copying for greater productivity (theoretical)**

For large volume copy runs, two connected machines form a single system that can complete the job in a shorter time. If two 75 copies/minute (A4 \square , 8 $\frac{1}{2}$ " \square size) copiers are connected together, a speed of 150 copies/minute (A4 \square , 8 $\frac{1}{2}$ " \square size) is available.

❖ **Auto-backup system for reduced operator participation**

Even if one machine stops due to a paper jamming, or running out of toner/paper, the other machine will automatically take over and finish the job.

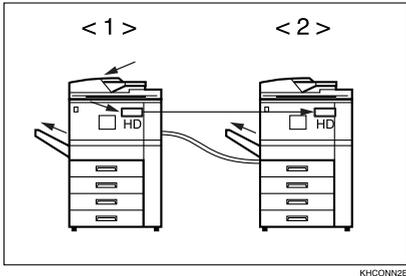
 **Note**

- You cannot perform other copy jobs when two machines are working in copy connector mode.
- The two machines automatically share the job and finish it at almost the same time to provide maximum productivity.

- ❑ To separate the two machines again, press the  **[Connect]** key to disconnect them.
- ❑ When using the Sort/Staple function, copies are organized into copy sets. If there is a paper jam in one machine during this process, it is not possible for the other machine to take over processing the copy set of the inactive machine.

How Connect Copy Works

In this manual, we refer to the two machines as main machine and sub-machine respectively.



1. Main machine

2. Sub-machine

When your original is scanned, the image data is stored on the main machine's hard disk. As soon as the main machine starts copying, this data is transferred to the sub-machine's hard disk, and the sub-machine then starts copying.

The main machine is the machine where you press the  **[Connect]** key to make Connect Copy settings. When you do this, the other machine becomes the sub-machine.

You can use either machine as main machine or sub-machine, but you cannot change the relationship before first exiting Connect Copy mode.

Connectable Options

You can still use Connect Copy even if no optional finisher or large capacity tray (LCT) is installed. However, the optional finisher must be installed in both machines to use the Staple and Punch functions, and the optional finisher and punch kit must be installed in both machines to use the Punch function.

Interrupt Functions

- You cannot use Connect Copy when a job has been paused using the Interrupt function.
- You can use the Interrupt function on the Sub-machine while in Connect Copy, not on the main machine.

Before You Start

1

Both machines must have paper trays loaded with paper of the same size, direction and type that you want to copy onto.

To make the most out of the Connect Copy feature, we recommend that:

- The paper tray settings of the main machine and sub-machine match each other.
- The “Copy Quality” of the User Tools settings are the same on each machine. See “General Features 1/5”, *Copy Reference*

Connect Copy Display Panel

This section describes main and sub-machine displays.

Note that when in Connect Copy mode, you must access all Connect Copy features and menus through the main machine display panel.

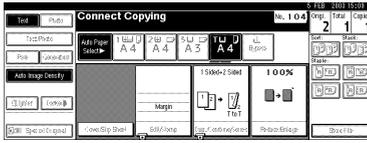
1

	Main machine	Sub-machine
Initial display in standard copy mode		
Initial display in Connect Copy mode		

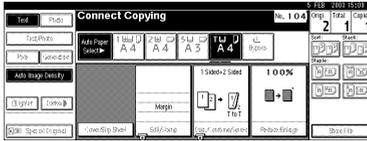
Display when scanning originals on the main machine

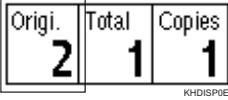
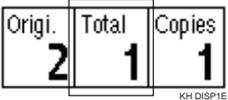
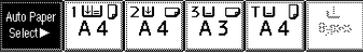
1

Main machine



Display when copying / Interrupt copying



Main machine	
Number of originals	<p>Number of original pages scanned by the main machine so far.</p>  <p>The display shows three columns: 'Orig.' with the number 2, 'Total' with the number 1, and 'Copies' with the number 1. Below the numbers is the text 'KH DISPIE'.</p>
Copy quantity	<p>Number of sets/copies yet to be made.</p>  <p>The display shows three columns: 'Orig.' with the number 2, 'Total' with the number 1, and 'Copies' with the number 1. Below the numbers is the text 'KH DISPIE'.</p>
Copy Paper Select	<p>Only paper trays loaded with the paper of the same size, direction and type installed in both the main machine and sub-machine are displayed.</p> <p>Other paper tray types will be grayed out and you cannot select them. ^{*1}</p>  <p>The panel shows a row of buttons: 'Auto Paper Select' (with a right arrow), '1 A4', '2 A4', '3 A3', '4 A4', and a 'Bypass' button with a downward arrow and a small icon.</p>

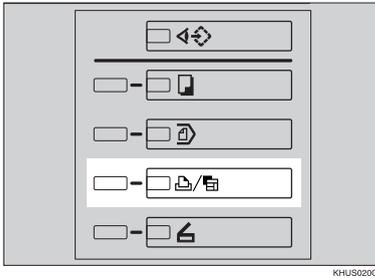
^{*1} The bypass tray can be used only for the Cover and Designate functions.

Sub-machine Display

Even if Connect Copy is selected on the main machine, initial display in standard copy mode appears on the sub-machine. Follow the procedure below to switch to the initial display in Connect Copy mode.

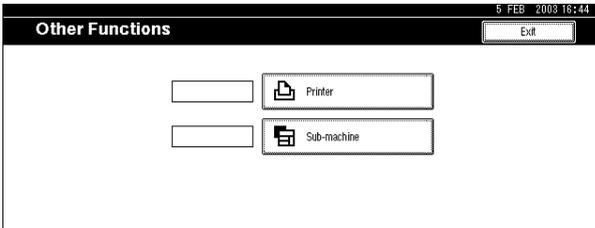
1

1 Press the **[Printer/Other Functions]** key on the sub-machine.

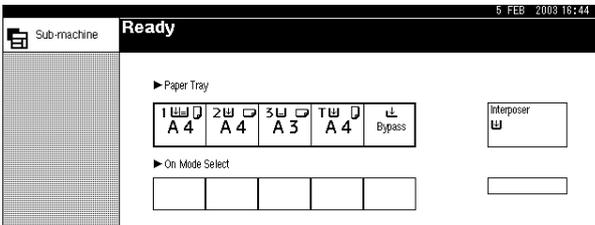


KHUS020G

2 Press the **[Sub-machine]** key.



3 The "Sub-machine" display appears.



Using Connect Copy

You can select Connect Copy mode from either machine by pressing the **[Connect]** key. The machine where you press the **[Connect]** key and make Connect Copy settings becomes the main machine, and the other machine becomes the Sub-machine.

Limitation

- Once Connect Copy is selected, you must carry out all operations on the main machine.

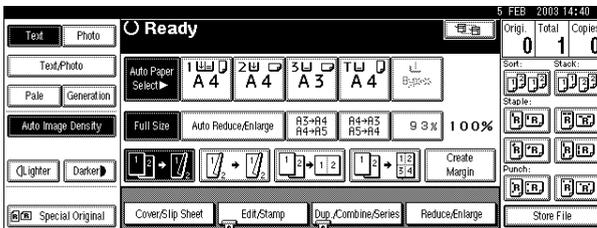
Note

- You can have the **[Connect]** key displayed or not using the User Tools.

Reference

p.33 “User Tools (Copier/Document Server Features)”

1 Make sure the machine is in Copy mode.



Note

- If user codes are enabled, enter a user code programmed in the main machine using the number keys (maximum eight digits), and then press the **[#]** key. You do not need to enter a user code for the sub-machine.

Reference

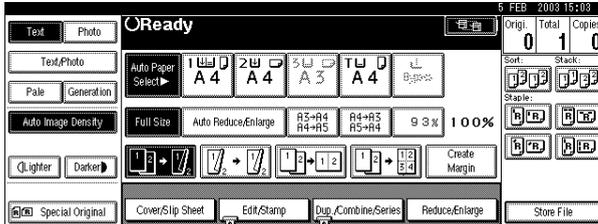
“User Codes”, *General Settings Guide*

2 Press the  [Connect] key on the machine you want to use as the main machine.

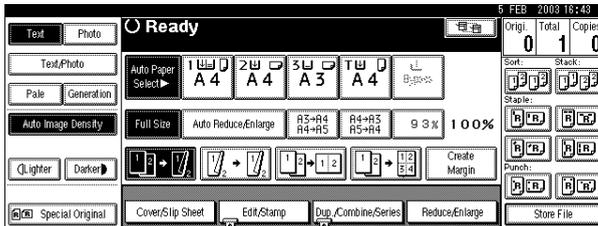
When the key appears highlighted, the two machines are connected.

1

◆ Main machine display

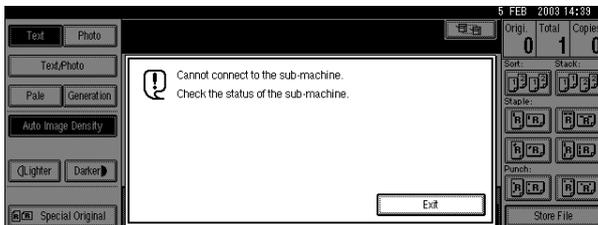


◆ Sub-machine display

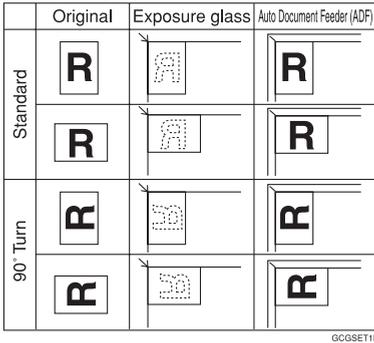


🔍 Reference

If you press the  [Connect] key and the message “Cannot connect to the sub-machine. Check the status of the sub-machine.” appears, see p.37 “When a Message Appears”.



3 Set your originals in the main machine.



Reference

“Placing Originals”, *Copy Reference*

4 Make the necessary settings on the main machine.

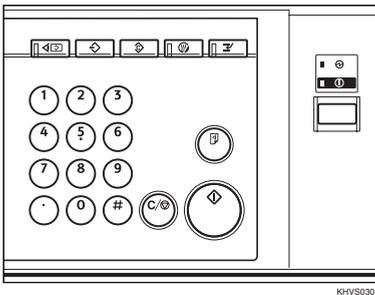
Note

- Any copy settings made before entering Connect Copy mode remain in effect. However, if optional finishers are not installed on both main and sub-machine, the Stack, Staple and Punch functions are automatically disabled.
- To exit Connect Copy mode, press the **[Connect]** key on the main machine again.

Reference

For more information about functions you can use with Connect Copy, see “Functions that Require Options”, *Copy Reference*

5 Enter the required number of copies using the number keys.



Note

- You can enter up to 999.
- If you make a mistake, press the **[Clear/Stop]** key and enter a new number.

- Even though Connect Copy is selected in the following situations, only the main machine will make copies:
 - When making a single copy set
 - When there is a single sheet original and you enter a low number of copies/sets

6 Press the **[Start]** key on the main machine.

Copying starts after the original is scanned.

Sub-machine copying starts when data transfer from the main machine is complete.

When setting originals on the exposure glass

- 1** Set the next page(s) when scanning has finished, and then press the **[Start]** key.
- 2** When all pages are scanned, press the **[#]** key.

Note

- If the main machine is not in use, it starts copying.

When using Batch mode

- 1** Set your originals and press the **[Start]** key. After all previously set originals are fed, set the next set of originals while the Auto Feed indicator is lit.

Note

- To stop originals being scanned or copied, press the **[Clear/Stop]** key on the main machine, and then press the **[Cancel]** key following the instructions on the display.

Reference

"Batch mode", Copy Reference

If the size of scanned data exceeds memory capacity, a memory overflow message appears. Follow the instructions in "When Memory Is Full". See "When Memory Is Full", *Copy Reference*.

7 Pick up your copies from the main machine and sub-machine.

Note

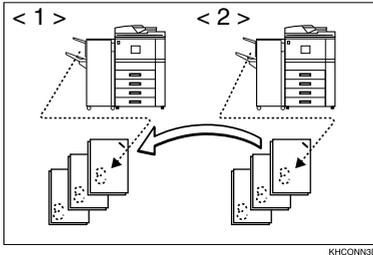
- Numbers of sheets and sets copied by main and sub-machine may differ.
- Main and sub-machine may not finish copying at the same time.
- When using the Sort/Staple function, copies are organized into copy sets. If there is a paper jam in one machine during this process, it is not possible for the other machine to take over processing the copy set of the inactive machine.

💡 Copy output order

◆ When copying with the Sort/Staple function

For example, copying six sets of a three sheet original

- Copying with the main machine (face down output)—sub-machine (face down output)



1. Main machine

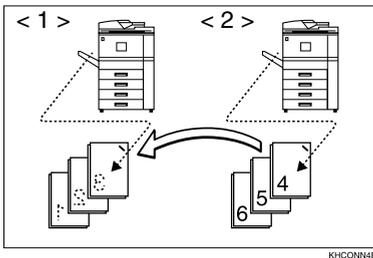
2. Sub-machine

When using Sort/Staple, copy sets are not split between main and sub-machine.

◆ When copying with the stack function

For example, making two copies of each page of a six sheet original

- Copying with the main machine (face down output)—sub-machine (face up output)



1. Main machine

2. Sub-machine

Combine copy stacks from main and sub-machine as shown in the diagram.


 **System Reset**

After a specified period of time elapses following job completion, the machine exits Connect Copy mode and automatically returns to the initial condition. This function is called “Auto Reset”.

 **Note**

- When the main machine's “Auto Reset Timer” period in User Tools elapses, the main machine resets automatically.
- When the sub-machine's “System Reset” period in User Tools (System Settings) elapses, sub-machine Interrupt mode cancels.

 **Reference**

“System Auto Reset Timer”, *General Settings Guide*

 **Auto Off**

After a specified period of time following job completion, the machine automatically turns itself off. This function is called “Auto Off”. The sub machine does not turn itself off in Connect Copy mode.

 **Note**

- You can change the Auto Off time.

 **Reference**

“Auto Off Timer”, *General Settings Guide*

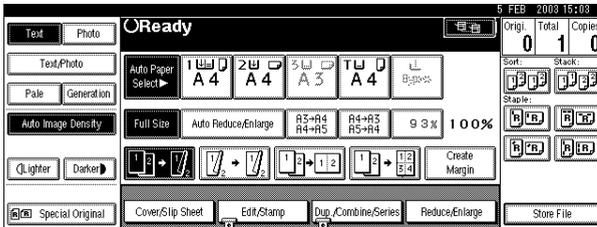


Exiting Connect Copy Mode

This procedure describes how to exit Connect Copy mode and return to standard copying mode.

- 1 Press the  [Connect] key on the main machine.

The [Connect] key is deselected.



Note

- ❑ Settings selected on the main machine while in Connect Copy mode are not cleared.
- ❑ If you press the **[Clear Modes/Energy Saver]** key on the main machine, Connect Copy mode is canceled and the main machine returns to the Copy mode initial condition.

Copying Stored Documents with Connect Copy

You can print any document stored in the Document Server using Connect Copy.

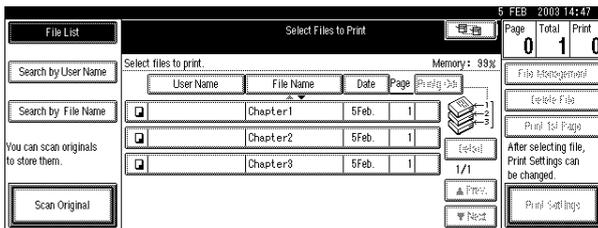
Note

- Use the machine that stored the documents in the Document Server as the main machine.

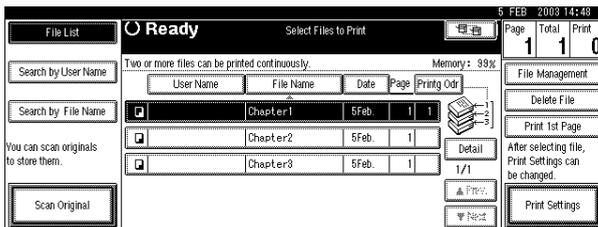
1 Press the **[Document Server/New Job]** key on the main machine.

The “Document Server: Files” display appears.

2 Press the line for the document you want to print.



The selected line appears highlighted.



Note

- You can search for the document you desire by file name. See “Searching Saved Documents”, *General Settings Guide*
- You can sort files in order of **[User Name]**, **[File Name]**, or **[Date]**. Press the key you want to sort by.
- If the desired file name does not appear, look at the next or previous screens by pressing the **[▼ Next]** and **[▲ Prev.]** keys.
- If you cannot identify a desired document by name, you can print the first page to check its contents. Press the desired document's line, and then press the **[Print 1st Page]** key followed by the **[Start]** key.
- Press the selected line again to cancel the print job.
- If a password is set, enter the password, and then press the **[OK]** key.

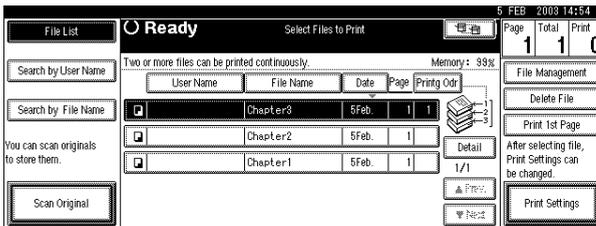
- 3** To print more than one document, repeat step **2** to select them in the order you want to print.

The selected order appears in the priority column next to the selected document(s).

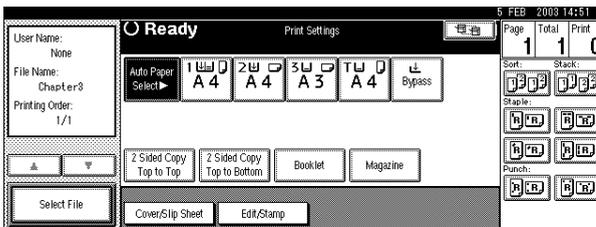
 **Note**

- To change the print order, press the line to deselect, and then select them again in the order you want to print.
- Press the **[Clear Modes/Energy Saver]** key to cancel all the settings.

- 4** If you need to change any print settings, press the **[Print Setting]** key.



The “Document Server: Print Settings” display appears.



 **Note**

- Print settings remain even after printing using the copy or printer function.
- Print settings of the first selected document are applied to the merged documents.
- If you select multiple files, you can check file names or print order of files selected in step **3** by scrolling through the list using the **[▼]** and **[▲]** keys.
- Press the **[Select File]** key to return to the “Document Server: Select Files to Print” display.

 **Reference**

For details of printing settings, see the explanations of each function in this manual.

- 5** Press the  **[Connect]** key.

When the key appears highlighted, the two machines are connected.

6 Enter the required number of prints using the number keys.

 **Note**

- Up to 999 can be entered.
- To change an entered value, press the **[Clear/Stop]** key and enter a new value. See "Sample Copy", *General Settings Guide*.
- Sample copying is possible only on the main machine when using Connect Copy.

7 Press the **[Start]** key.

Copying starts after image data stored in the main machine is transferred to the sub-machine.

 **Note**

- The main machine starts copying the document stored in the Document Server. Sub-machine copying starts when the document is transferred from the main machine, so there is a slight delay beforehand.
- To stop originals being printed, press the **[Clear/Stop]** key on the main machine, and then press the **[Cancel]** key following the instructions on the display.
- Numbers of sheets and sets printed by main and sub-machine may differ.
- Main and sub-machine may not finish copying at the same time.

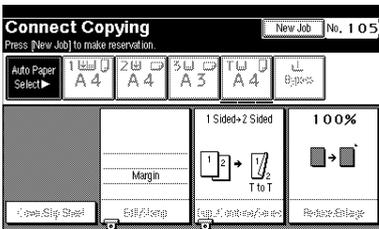
Presetting a Copy Job for Connect Copy

You can reserve copy jobs in Connect Copy mode. Make Connect Copy settings for a copy job while the current job is in progress on the main machine. The copy job will start automatically in Connect Copy mode when the current job is complete.

Note

- The maximum number of job sets you can set with this function is eight.

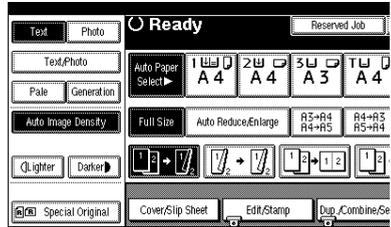
- On the main machine, check the message, "Press [New Job] to make reservation.", is displayed, and then press the [New Job] key.



Note

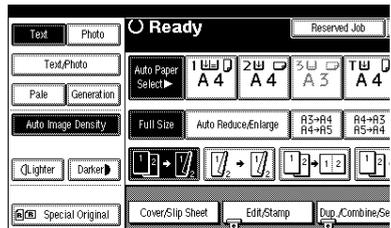
- The number that appears in the upper right of the display indicates preset copy jobs.
- To cancel the settings, press the [Cancel] key.

- Check the message, "Ready", is displayed, and then press the [Connect] key.



- Set your originals in the main machine.

- Check the message, "Ready", is displayed, and then make settings for the copy job.



- Press the [Start] key on the main machine.

Scanning starts. As soon as the current copy job is complete, the copy job in Connect Copy mode will start automatically.

When setting originals in the Auto Document Feeder

- The main machine scans originals. Sub-machine copying starts after data transfer from the main machine is complete.

When setting originals on the exposure glass

- ① When the first page is scanned, set the next, and then press the **【Start】** key. Repeat this step until all pages are scanned.
- ② The main machine scans originals. Sub-unit copying starts when data transfer from the main machine is complete.

 **Note**

- Settings for copy jobs in Connect Copy mode can be changed only when:
 - Main machine scanning of the copy job is complete.
 - Copying started from neither main nor sub-machine.

 **Reference**

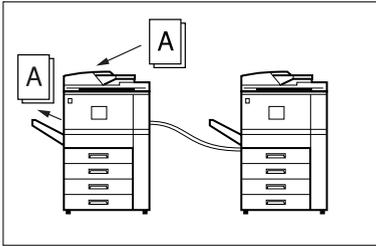
“Editing Job Preset”, *Copy Reference*

Connect Copy Job Allocation and Flow

Depending on the status of the connected machines, allocation and flow of copy jobs will differ.

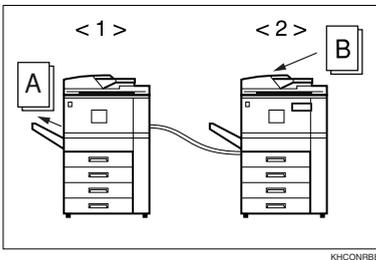
One of the Connected Machines Is Idle

The other machine copies original A.

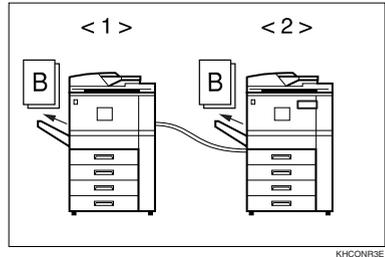


When the idle machine is the main machine (Connect Copy)

1 Make Connect Copy settings for original B on the machine <2>.



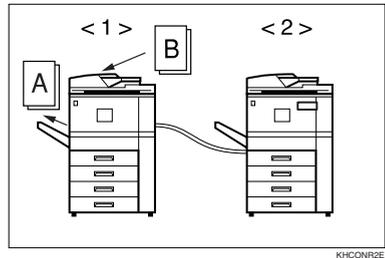
2 The machine <2> starts copying original B. The machine <1> starts copying original B after it finishes copying original A.



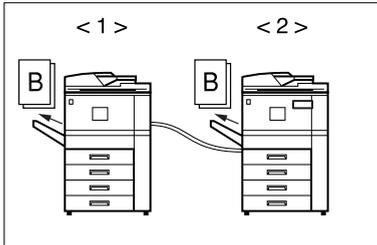
1. Sub-machine
2. Main machine

When the machine currently copying is the main machine (Connect Copy: Reserved)

1 Make Connect Copy settings for original B on the machine <1>.



2 When the machine <1> finishes copying original A, Connect Copy starts, copying original B from both main and sub-machine.

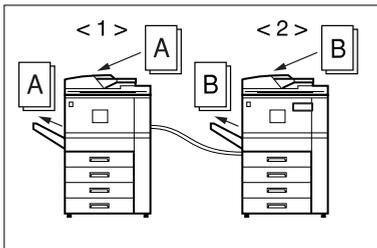


KHCONR3E

1. Sub-machine
2. Main machine

Both Machines Are in Use

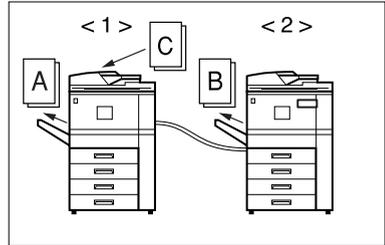
One of the connected machines is copying original A, the other, original B.



KHCONR4E

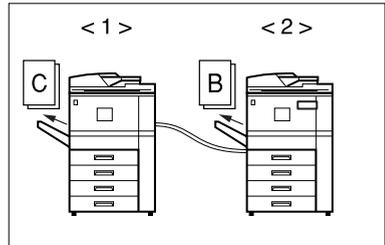
When both machines have similar numbers of originals (Connect Copy: Reserved)

1 Make Connect Copy settings for original C on the machine <1>.



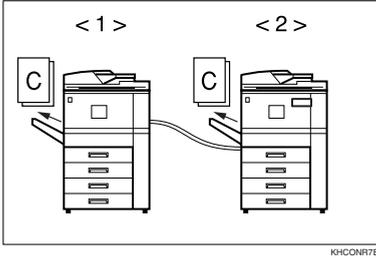
KHCONR5E

2 When the machine <1> finishes copying original A, it starts copying original C.



KHCONR6E

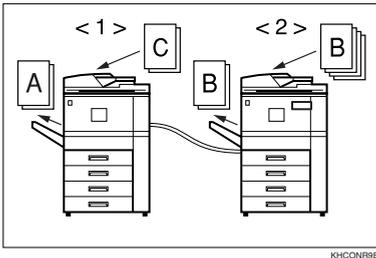
- 3** When the machine <2> finishes copying original B, Connect Copy starts copying original C from both main and sub-machine.



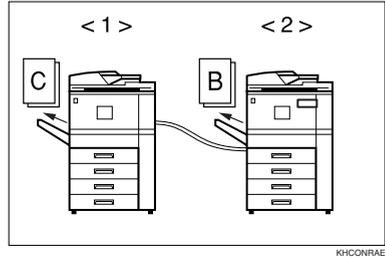
1. Sub-machine
2. Main machine

When one of the connected machines has a higher number of originals (Connect Copy: Reserved)

- 1** Make Connect Copy settings for original C on the machine <1>.



- 2** When the machine <1> finishes copying original A, it starts copying original C. If the machine <2> has not finished copying original B when the machine <1> finishes its allocated copies of original C, the machine <1> takes over the remaining copying of original C to complete the job.



1. Sub-machine
2. Main machine

Relationship between Main Machine and Sub-Machine System Settings

This section describes System Settings used by the main machine and sub-machine in Connect Copy mode.

Note

- To access the sub-machine User Tools, exit Connect Copy mode by pressing the highlighted  [Connect] key on the main machine.

Reference

General Settings Guide

Symbol	Meaning
☆	The main machine and sub-machine setting is independent
←	Both machines use the main machine setting
—	Unrelated
★	Depends on the function

Menu	Main machine	Sub-machine	Remarks
General Features			
Panel Tone	☆	☆	
Warm Up Notice	☆	☆	
Copy Count Display	—	—	The copy counter always displays as count up.
Function Priority	—	—	When the time set in “Auto Reset Timer” in User Tools on the main machine passes and Connect Copy is canceled, and then the time set in “System Reset” in User Tools (System Settings) passes, the function selected in “Function Priority” of User Tools (System Settings) returns.
Print Priority	—	—	
Function Reset Timer	—	—	
Interleave Print	—	—	
Output: Copier	☆	☆	
Output: Document Server	☆	☆	
Output: Printer	☆	☆	
ADF Original Table Elevation	☆	—	
Job List Display Time	☆	—	
<F/F4>Size Setting	☆	☆	

Menu	Main machine	Sub-machine	Remarks
Tray Paper Settings			
Paper Tray Priority: Copier	☆	☆	
Paper Tray Priority: Printer	☆	☆	
Tray Paper Size: Tray 2	☆	☆	We recommend main and sub-machine have the same paper tray settings. This is because only paper trays with the same size, direction, and type of paper can be used in Connect Copy mode.
Tray Paper Size: Tray 3	☆	☆	
Paper Type: LCT	☆	☆	
Cover Sheet Tray	☆	☆	
Slip Sheet Tray	☆	☆	
Slip Sheet 1 Tray	☆	☆	
Slip Sheet 2 Tray	☆	☆	
Timer Setting			
Auto Off Timer	☆	—	
Energy Saver Timer	—	—	In Connect Copy mode, neither machine will enter any Energy Saver modes (Low Power mode, Energy Saver mode). When Connect Copy is exited, the machines will enter Energy Saver mode when the specified period has elapsed.
Panel Off Timer	—	—	
System Auto Reset Timer	—	★	Interrupt mode on the sub-machine is cleared by this timer.
Copier/Document Server Auto Reset Timer	—	—	
Scanner Auto Reset Timer	—	—	
Set Date	☆	☆	
Set Time	☆	☆	
Weekly Timer Code	—	—	
Weekly Timer: Monday to Sunday	☆	—	The function is disabled on the sub-machine in Connect Copy mode. When Connect Copy is exited, the power will switch off at the time specified by the timer.

Menu	Main machine	Sub-machine	Remarks
Key Operator Tools			
User Code Management	☆	—	Access these settings through the main machine. Main machine settings override those of the sub-machine.
Key Counter Management	—	—	You cannot control the optional Key Counter in Connect Copy mode.
External Charge Unit Management	☆	—	
Key Operator Code	—	—	
Display/Print Counter	—	—	
Display/Clear/Print Counter per User Code	—	—	
Address Book Management	—	—	
Address Book: Program/Change/Delete Group	—	—	
Address Book: Change Order	—	—	
Auto Delete File	—	—	
Delete All Files	—	—	
Display Password with Stored file	—	—	
Capture Priority	—	—	
Capture: Delete All Unsent Files	—	—	
Capture: Ownership	—	—	
Capture: Public Priority	—	—	
Capture: Owner Defaults	—	—	
Key Operator's E-mail Address	—	—	
AOF(Always ON)	—	—	Neither the main machine nor sub-machine is turned off by this function while in Connect Copy mode. The power will go off after you exit Connect Copy mode and the AOF Delay has elapsed.

Relationship between Main Machine and Sub-Machine Copier/Document Server Features

This section describes Copier/Document Server Features used by the main machine and sub-machine in Connect Copy mode.

Note

- In Connect Copy mode, the **【User Tools/Counter】** key on the sub-machine is disabled. To access the User Tools on the sub-machine, you need to exit Connect Copy mode first.

Reference

Copy Reference

Symbol	Meaning
☆	The main machine and sub-machine setting is independent
←	Both machines use the main machine setting
—	Unrelated

Menu	Main machine	Sub-machine	Remarks
General Features			
Auto Paper Select Priority	☆	—	Trays with the same size and direction of paper are selected from the main machine and sub-machine automatically.
Auto Tray Switching	☆	☆	The sub-machine displays the paper type, whether this function is selected or not.
Paper Display	☆	—	
Original Type Priority	☆	—	
Original Type Display	☆	—	
Auto Image Density Priority	☆	—	
Copy Quality	☆	☆	The same level should be selected on both machines.
Image Density	☆	☆	Each machine uses its own programmed value.
Connect Copy Key Display	☆	☆	
Duplex Mode Priority	☆	—	
Copy Orientation in Duplex Mode	☆	—	

Menu	Main machine	Sub-machine	Remarks
Original Orientation in Duplex Mode	☆	—	
Change Initial Mode	☆	—	
Max. Copy Quality	☆	—	
Tone: Original remains	☆	—	
Job End Call	☆	☆	When turned on, only the main machine beeper sounds when copying is complete. (If the "Panel Tone" of the User Tools (System Settings) is set to "On").
Copy Function Key: F1-F5	☆	—	
Document Server Storage Key: F1-F5	☆	—	
Document Server Print Key: F1-F5	☆	—	
Reproduction Ratio			
Shortcut R/E 1	☆	—	
Shortcut R/E 2	☆	—	
Shortcut R/E 3	☆	—	
Enlarge 1-5	☆	—	
Priority Setting: Enlarge	☆	—	
Reduce 1-6	☆	—	
Priority Setting: Reduce	☆	—	
Ratio for Create Margin	☆	—	
R/E Priority	☆	—	
Edit			
Front Margin: Left/Right	☆	←	Main machine settings override those of the sub-machine.
Back Margin: Left/Right	☆	←	
Front Margin: Top/Bottom	☆	←	
Back Margin: Top/Bottom	☆	←	
1 Sided→2 Sided Auto Margin: TtoT	☆	←	
1 Sided→2 Sided Auto Margin: TtoB	☆	←	
Erase Border Width	☆	←	
Erase Orinal Shadow in Combine	☆	←	

Menu	Main machine	Sub-machine	Remarks
Erase Centre Width	☆	←	
Image Repeat Separation Line	☆	←	
Double Copies Separation Line	☆	←	
Separation Line in Combine	☆	←	
Copy Back Cover	☆	←	Main machine settings override those of the sub-machine.
Front Cover Copy in Combine	☆	←	
Copy on Designating Page in Combine	☆	←	
Orientation Booklet, Magazine	☆	←	
Copy Order in Combine	☆	←	
Stamp			
Background Numbering			
Size	☆	←	
Density	☆	←	
Preset Stamp			
Stamp Priority	☆	←	
Stamp Language	☆	←	
Stamp Position	☆	←	
Stamp Condition	☆	←	
Superimpose	☆	←	
User Stamp			
Program/Delete Stamp	☆	←	Make the same stamp settings on both machines.
Stamp Position: 1-4	☆	←	
Stamp Format: 1-4	☆	←	
Date Stamp			
Format	☆	←	
Font	☆	←	
Stamp Position	☆	←	
Stamp Setting	☆	←	
Size	☆	←	
Superimpose	☆	←	
Page Numbering			
Stamp Format	☆	←	
Font	☆	←	

Menu	Main machine	Sub-machine	Remarks
Size	☆	←	
Duplex Back Page Stamping Position	☆	←	
Page Numbering in Combine	☆	←	
Stamp on Destinating Slip Sheet	☆	←	
Stamp Position: P1,P2...	☆	←	
Stamp Position: 1/5,2/5...	☆	←	
Stamp Position: -1,-2-...	☆	←	
Stamp Position: P.1,P.2...	☆	←	
Stamp Position: 1,2...	☆	←	
Stamp Position: 1-1,1-2...	☆	←	
Superimpose	☆	←	
Input/Output			
Switch to Batch	☆	—	
SADF Auto Reset	☆	—	
Rotate Sort: Auto Paper Continue	☆	—	This function is effective when the "Auto Tray Switching" in User Tools (System Settings) is set to "On(Rotate)"
Auto Sort	☆	—	
Memory Full Auto Scan Restart	☆	←	Main machine settings override those of the sub-machine.
Select Stapling Position(Top Left)	☆	—	
Select Stapling Position(Bottom Left)	☆	—	
Select Stapling Position(Top Right)	☆	—	
Select Stapling Position(Bottom Right)	☆	—	
Select Stack Function	—	—	
Select Punch Type	☆	←	
Letterhead Setting	☆	←	
Eject Copy Face Up/Down in Glass Mode	—	—	
Eject Copy Face Up/Down in Bypass Mode	—	—	

User Tools (Copier/Document Server Features)

General Features

Menu	Description
Connect key	<p>You can select whether or not to display the  [Connect] key. If you select [No], it will not be displayed and this machine cannot be used as the main machine.</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>Yes</i></p>

1

Remarks

Important

- Do not connect any other equipment to the Connect Copy port.
- Be sure to turn off the main power switch on both main and sub-machine before disconnecting the Connect Copy cable. Unplugging it while the power is on could damage the machines.

Limitation

- In Connect Copy mode, you cannot use custom size paper.

Note

- You can store the setting to automatically select the Connect Copy function in a program.
- In Connect Copy mode, select the copy paper in the main machine.
 - When you press the **[Connect]** key, only paper trays that with the same settings in both machines are displayed. Other trays appear grayed out and cannot be selected.
 - If multiple trays are available in Connect Copy mode, each machine selects the paper tray detected in each "Paper Tray Priority" setting. See "Tray Paper Settings", *General Settings Guide*.
- If the sub-machine paper tray in use runs out of paper, the paper tray with the same size paper but different direction is selected, and the original image is rotated (if "On (Rotate)" is selected in "Auto Tray Switching"). See "General Features 1/5", *Copy Reference*.
- If you press the **[Clear Modes]** key while making Connect Copy settings, Connect Copy mode is canceled and the standard copy mode initial display returns.
- In Connect Copy mode, even if the sub-machine is still in Energy Saver mode, it starts copying automatically.
- In Connect Copy mode, after finishing a sub-machine interrupt copy job, be sure to exit Interrupt mode on the sub-machine.
- The job in Connect Copy mode appears in the sub-machine Job List; however, it cannot be deleted from that machine.
- You can turn user codes on or off with the main machine User Tools (System Settings).
 - You can monitor the total number of copies made by main and sub-machine with the main machine's user codes function.
 - If user codes are set to on in the sub-machine and a code was entered before Connect Copy was selected, the main machine cannot record the number of copies made.

- If user codes are set to on in the sub-machine only, you can enter Connect Copy mode and make copies without entering a code. In this case the number of copies made, not recorded.

Reference

For details about how to set up User Codes, see “Key Operator Tools”, *General Settings Guide*.

For details about how to register, change and delete User Codes, see “User Codes”, *General Settings Guide*.

3. Troubleshooting

If Your Machine Does Not Operate As You Want

When a Message Appears

Message	Causes	Solutions
Cannot connect to the sub-machine. Check the status of the sub-machine.	 indicator is lit.	Press the [Exit] key on the main machine, and then follow the instructions on the display.
	Hard disk error on the sub-machine	Press the [Exit] key on the main machine, and then follow the instructions on the display.
Cannot print from the sub-machine. Check the status of the sub-machine.	The sub-machine has a paper misfeed or needs a fresh supply of toner or other replenishable supply.	Follow the instructions on the sub-machine display.  Reference <i>"Replacing Toner", General Settings Guide</i> <i>"Clearing Misfeeds", General Settings Guide</i> <i>"Removing Jammed Staples", General Settings Guide</i> If the sub-machine display indicates a cover is open, follow the instructions shown on the diagram. For all other situations, follow the instructions on the display.
	The User Tools menu is open on the sub-machine.	Press the [User Tools/ Counter] key on the sub-machine to close the User Tools menu.
Sub-machine is in Interrupt mode.	The sub-machine is in Interrupt mode.	Press the [Interrupt] key on the sub-machine to exit Interrupt mode.  Reference <i>"Interrupt Copy", Copy Reference</i>

Message	Causes	Solutions
Sub-machine does not have the same paper setting(s).	Paper type or tray set on the sub-machine is not the same as that set on the main machine.	Match paper type or tray on main and sub-machine.
The Cover Sheet setting(s) of the sub-machine is different from the main machine.	Cover settings on the main machine and sub-machine are different.	Match settings on main and sub-machine.
The Slip Sheet N setting(s) of the sub-machine is different from the main machine.	Designate settings on the main machine and sub-machine are different.	Match settings on main and sub-machine.
The Slip Sheet setting(s) of the sub-machine is different from the main machine.	Slip Sheet settings on the main machine and sub-machine are different.	Match settings on the main machine and sub-machine.
This tray is unavailable because the sub-machine does not have the same paper setting(s).	The grayed out tray is selected because the paper type is different.	Select the tray that is not grayed out.
No stamp data in the sub-machine.	The programmed sub-machine stamp was deleted before making print settings and copying on the main machine.	Program the stamp on the sub-machine and make the stamp settings again.
Sub-machine memory is full. Sub-machine will be disconnected.	Sub-machine memory reached capacity during connect copying.	Continue copying on the main machine.
Cannot print from the sub-machine. Sub-machine will be disconnected.	Sub-machine was stopped during connect copying due to power failure or communication error.	Continue copying on the main machine.

Display

Problem	Causes	Solutions
The [Connect] key does not appear on the display.	The sub-machine's main power switch is off.	Turn the sub-machine's main power switch on.
	Functions that cannot be used with Connect Copy are selected on the main machine, such as copying the first page and storing documents in Document Server mode.	Cancel the selected function that cannot be used in Connect Copy mode.
	The main machine is in Interrupt mode.	Press the [Interrupt] key on the main machine to exit Interrupt mode.
	The "Connect Copy Master" of the User Tools setting is "No".	Change the setting to "Yes" or press the [Connect] key on the other machine.  Reference p.11 "Using Connect Copy"
	The Connect Copy cable is damaged.	Contact your service representative.
	 indicator is lit.	Follow the instructions on the display.
The [Connect] key is grayed out.	Functions are programmed that cannot be used with Connect Copy.	Press the main machine [Clear Modes/Energy Saver] key to clear the programmed functions.  Reference "Functions that Require Options", <i>Copy Reference</i> .

If Connect Copy Is Cleared

Problem	Causes	Solutions
Exited Connect Copy.	The main machine's main power switch is turned off or the operation switch was pressed.	Connect Copy is canceled. On the main machine, either turn on the main power switch or press the operation switch, and then press the [Connect] key and start your copy job again.
	The sub-machine main power switch is turned off.	A message requesting you to check the sub-machine appears on the main machine. Press the [Cancel] key and clear connect-copying. Copying continues on the main machine only. Turn on the sub-machine's main power switch, press the [Connect] key, and then make the settings again.
	The Weekly Timer function has automatically turned off the main machine.	Press the main machine operation switch to "ON", then press the [Connect] key and begin copying.  Reference "Weekly Timer Code", <i>General Settings Guide.</i>
An error message indicating a breakdown is shown on the main machine display.	 indicator is lit.	Copying is not possible. Follow the instructions in the error message.

If You Cannot Make Copies As You Want

General

Problem	Causes	Solutions
Cannot staple or punch.	The optional finisher or punch kit is not installed in the sub-machine.	Press the [Cancel] key to exit Connect Copy mode, and then copy using staple/punch.
The copied images differ.	“Original Mode Quality Level” set in User Tools is not the same.	“General Features 1/5”, <i>Copy Reference</i>
	The options (finisher or booklet finisher installed on main and sub-machine are different.	Press the [Cancel] key to exit Connect Copy mode, and then copy using stack/staple/punch.

4. Specifications

Specifications

- ❖ **Theoretical Continuous copying speed (60 copies/per minute — 60 copies/per minute):**
 - 120 copies/per minute (A4, 8¹/₂ x 11 in)
 - 52 copies/per minute (A3, 11 x 17 in)
- ❖ **Theoretical Continuous copying speed (60 copies/per minute — 75 copies/per minute):**
 - 135 copies/per minute (A4, 8¹/₂ x 11 in)
 - 72 copies/per minute (A3, 11 x 17 in)
- ❖ **Theoretical Continuous copying speed (75 copies/per minute — 75 copies/per minute):**
 - 150 copies/per minute (A4, 8¹/₂ x 11 in)
 - 76 copies/per minute (A3, 11 x 17 in)
- ❖ **Maximum continuous copy run:**
999 sets

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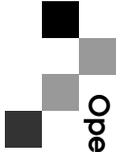
MEMO

MEMO



Declaration of Conformity

“The Product complies with the requirements of the EMC Directive 89/336/EEC and its amending directives and the Low Voltage Directive 73/23/EEC and its amending directives.”



Operating Instructions Connect Copy Reference