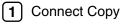**Operating Instructions**

Connect Copy Reference

1. Connect Copy
2. Remarks
3. Troubleshooting
4. Specifications

For safe and correct use of this machine, please be sure to read the Safety Information before you use it.

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.

TABLE OF CONTENTS

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.

[   ]

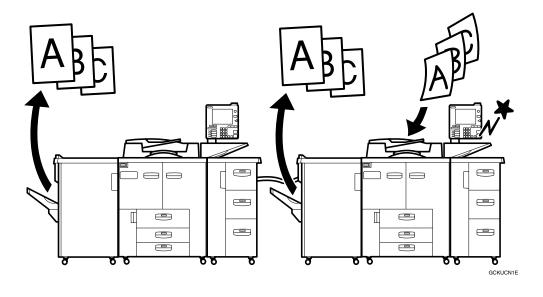Keys that appear on the machine's display panel.

【   】

Keys built into the machine's control panel.

1

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.

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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 85 copies/minute (A4▯, $8^1/_2$" × 11"▯ size) copiers are connected together, a speed of 170 copies/minute (A4▯, $8^1/_2$" × 11"▯ 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.
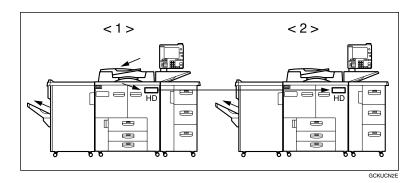
📝 **Note**
❒ You cannot perform other copy jobs when two machines are working in copy connector mode.
❒ The two machines automatically share the job and finish it at almost the same time to provide maximum productivity.

❒ 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.

GCKUCN2E

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

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

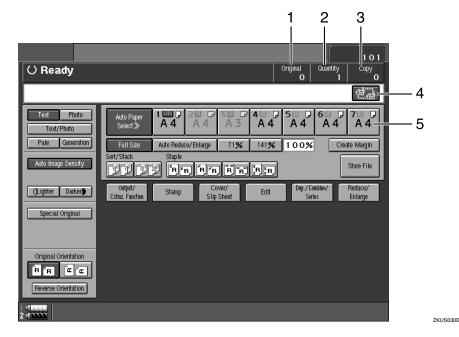To make the most out of the Connect Copy feature, we recommend that:

- The paper tray settings of the main machine and sub-machine match each other.
- The "Image Adjustment" of the User Tools settings are the same on each machine. See "General Features", *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.

❖ **Initial Display in Connect Copy Mode**

ZKUS030E

1. **Number of originals**

Number of original pages scanned by the main machine so far.

2. **Number of sets**

Number of sets yet to be made on the main machine.

3. **Number of copies**

Number of copies yet to be made on the main machine.

Pressing this displays the total number of copies made on the main machine and sub-machine.
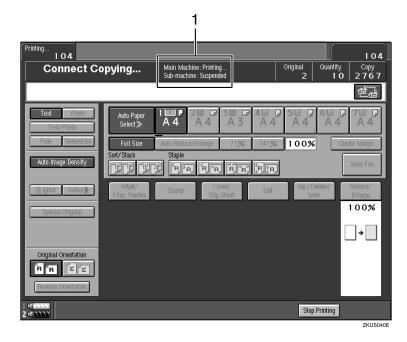
4. **[Connect] key**

Press to switch the initial display from standard copy mode to connect copy mode.

5. **Copy paper select**

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.

Other paper tray types will be grayed out and you cannot select them.

1

❖ **Display when scanning originals on the main machine**

1

ZKUS040E
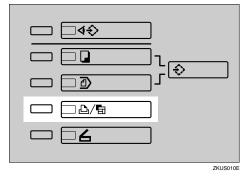
1. **Displays the main machine and sub-machine status.**
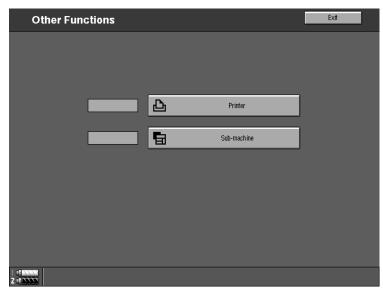
Sub-machine Display

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.

A **Press the 【Printer/Other Functions】 key on the sub-machine.**

ZKUS010E

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

C **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)"

A 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.
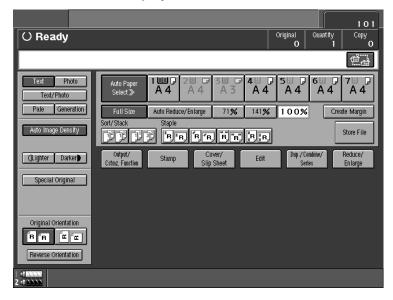
🔍 Reference

"User Management", *General Settings Guide*

B **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.

❖ **Main machine display**
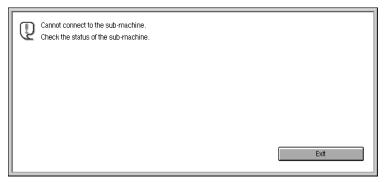
❖ **Sub-machine display**
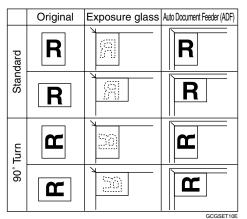
^𝒫Reference

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".

> Cannot connect to the sub-machine.
> Check the status of the sub-machine.
>
>   Exit

C **Set your originals in the main machine.**

	Original	Exposure glass	Auto Document Feeder (ADF)
Standard	R	R	R
Standard	R	R	R
90° Turn	R	R	R
90° Turn	R	R	R

GCGSET10E

^𝒫Reference

"Placing Originals", *Copy Reference*

D **Make the necessary settings on the main machine.**
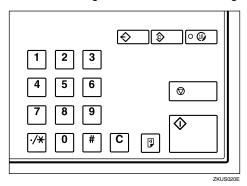
[✎]Note

❒ 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.

^𝒫Reference

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

E **Enter the required number of copies using the number keys.**

ZKUS020E

✐ Note

❒ You can enter up to 9999.

❒ If you make a mistake, press the 【Clear】 key and enter a new number.

❒ Although Connect Copy is selected, only the main machine copies, depending on number of copies and original type.

F **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

A **Set the next page(s) when scanning has finished, and then press the 【Start】 key.**

B **When all pages are scanned, press the 【#】 key.**

✐ Note

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

When using Batch mode

A **Set your originals and press the 【Start】 key. After all previously set originals are fed, set the next set of originals.**

✐ Note

❒ To stop originals being scanned or copied, press the 【Stop】 key on the main machine, and then press the **[Yes]** key following the instructions on the display.

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🔍 Reference

"Batch mode", *Copy Reference*

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

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

📝 Note
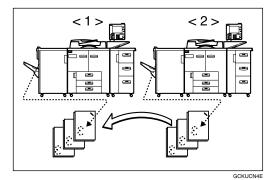
❒ Numbers of sheets and sets copied by main and sub-machine may differ.

❒ 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)

GCKUCN4E

1. **Main machine**

2. **Sub-machine**
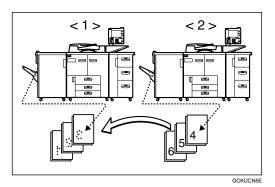
📝 Note

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

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❖ **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)

GCKUCN5E

1. **Main machine**

2. **Sub-machine**

✐ Note

❒ 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 is "System Auto Reset Timer" period in User Tools elapses, the main machine resets automatically.

❒ When the sub-machine's "System Auto Reset Timer" 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
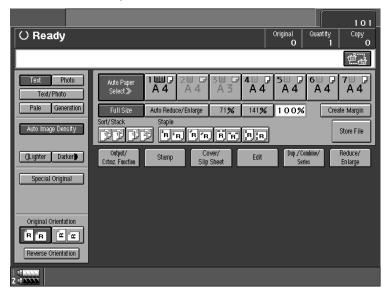
"Auto Off Timer", *General Settings Guide*

Exiting Connect Copy Mode

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

❶ 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】 key on the main machine, Connect Copy mode is canceled and the main machine returns to the Copy mode initial condition.

🔎 Reference

If you cannot exit Connect Copy Mode by pressing the **[Connect]** key, see p.41 "If You Cannot Exit Connect Copy".

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.

A Press the 【Document Server】 key on the main machine.

The "Document Server: Files" display appears.

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

The selected line appears highlighted.

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⚠ Note

❒ You can search for the document you desire by file name. See "Searching for Stored Documents", *General Settings Guide*

❒ You can sort files in order of **[User Name]**, **[File Name]** or **[Date/Time]**. Press the key corresponding to your desired sort method.

❒ If the desired file name does not appear, look at the next or previous screens by pressing the **[▼ Next]** and **[▲ Previous]** keys.

❒ If you cannot identify the contents of a document by file name alone, you can print out the first page to check its contents. To do this, press the desired document's line, press the **[Print Selected Page]** key, and then press the **[1st Page Only]** 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.
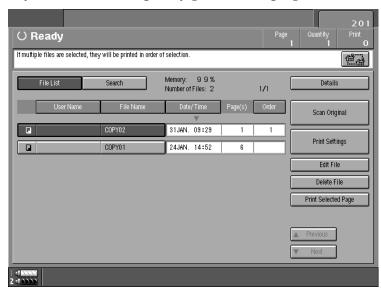
C **To print more than one document, repeat step B to select them in the order you want to print.**

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】 key to cancel all the settings.

D **If you need to change any print settings, press the [Print Settings] key.**

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The "Document Server: Print Settings" display appears.

Note

❒ Pressing the **[Save Print Settings]** key saves changes made to print and number of copies settings.

❒ If you select multiple files, you can check file names or print order of files selected in step **B** by scrolling through the list using the **[▼]** and **[▲]** keys.

❒ Press the **[File List]** 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.

E Press the 🔝 **[Connect]** key.

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

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

Note

❒ Up to 9999 can be entered.

❒ To change an entered value, press the 【Clear】 key and enter a new value.

❒ You can check the contents of a Sort function multiple print job by printing a sample copy before beginning. See "Sample Copy", *General Settings Guide*.

❒ Sample copying is possible only on the main machine when using Connect Copy.

G Press the 【Start】 key.

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

🖉 Note
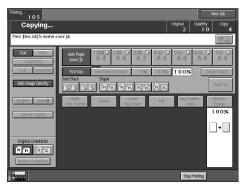
❒ The main machine starts copying the document stored in the Document Server. Sub-machine copying starts when the document is transferred from the main machine, so there is a slight delay beforehand.

❒ To stop originals being printed, press the 【Stop】 key on the main machine, and then press the **[Yes]** 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
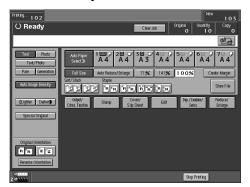
❒ The maximum number of job sets you can set with this function is ten.

A **On the main machine, check the message, "Press [New Job] to reserve a new job.", 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 **[Clear Job]** key.

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

C **Set your originals in the main machine.**

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

21
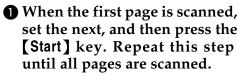
E **Press the 【Start】 key on the main machine.**

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

A **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

A **When the first page is scanned, set the next, and then press the 【Start】 key. Repeat this step until all pages are scanned.**

B **The main machine scans originals. Sub-machine 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
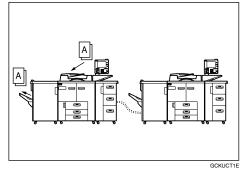
"Editing job preset", *Copy Reference*

22

Connect Copy Job Allocation and Flow

1

Depending on the status of the connected machines, allocation and flow of copy jobs will differ.
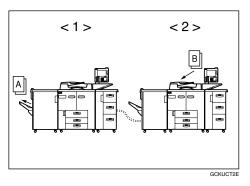
One of the Connected Machines Is Idle

The other machine copies original A.

GCKUCT1E
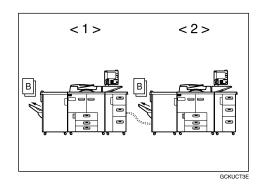
When the idle machine is the main machine (Connect Copy)

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

GCKUCT2E
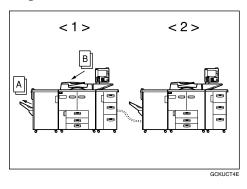
B **The machine <2> starts copying original B. The machine <1> starts copying original B after it finishes copying original A.**

GCKUCT3E
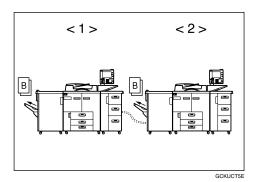
1. **Sub-machine**

2. **Main machine**

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

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

GCKUCT4E

23
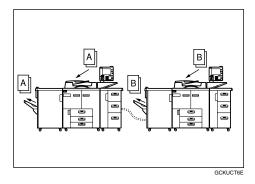
B **When the machine <1> finishes copying original A, Connect Copy starts, copying original B from both main and sub-machine.**

GCKUCT5E

1. **Sub-machine**

2. **Main machine**
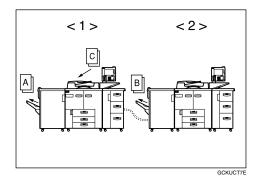
Both Machines Are in Use

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

GCKUCT6E
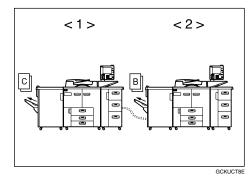
When both machines have similar numbers of originals (Connect Copy: Reserved)
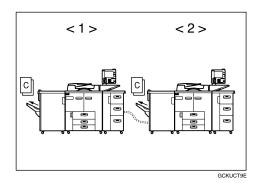
A **Make Connect Copy settings for original C on the machine <1>.**

GCKUCT7E

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

GCKUCT8E
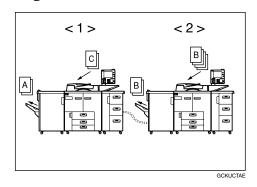
C **When the machine <2> finishes copying original B, Connect Copy starts copying original C from both main and sub-machine.**

GCKUCT9E

1. **Sub-machine**

2. **Main machine**

24
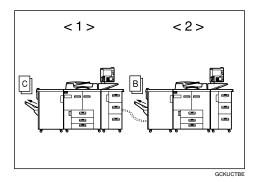
When one of the connected machines has a higher number of originals (Connect Copy: Reserved)

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

GCKUCTAE

B **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.**

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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

❖ General Features

Menu	Main machine	Sub-machine	Remarks
Panel Tone	☆	☆	
Warm Up Notice	☆	☆	
Copy Count Display	—	—	The copy counter always displays as count up.
Function Priority	—	—	When the time set in "System Auto Reset Timer" in User Tools on the main machine passes and Connect Copy is canceled, and then the time set in "System Auto Reset Timer" passes, the function selected in "Function Priority" returns.
Print Priority	—	—	
Function Reset Timer	—	—	
Interleave Print	—	—	
Status Indicator	☆	☆	
Screen Color Setting	☆	☆	
Output: Copier	☆	☆	
Output: Document Server	☆	☆	
Output: Printer	☆	☆	
Paper Tray Priority: Copier	☆	☆	
Paper Tray Priority: Printer	☆	☆	

Menu	Main machine	Sub-machine	Remarks
Job List Display Time	☆	—	
Time Interval between Printing Jobs	☆	—	
ADF Original Table Elevation	☆	—	
ADF Feed Speed	☆	—	
Optimum for Thick Paper	☆	—	

❖ **Timer Settings**

Menu	Main machine	Sub-machine	Remarks
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	—	—	Date settings depend on the main machine.
Set Date	☆	☆	
Set Time	☆	☆	
Weekly Timer Code	—	—	The function is disabled on the main machine in Connect Copy Mode. When Connect Copy is exited, the power will switch off at the time specified by the timer.
Weekly Timer: Monday	☆	—	
Weekly Timer: Tuesday	☆	—	
Weekly Timer: Wednesday	☆	—	
Weekly Timer: Thursday	☆	—	
Weekly Timer: Friday	☆	—	
Weekly Timer: Saturday	☆	—	
Weekly Timer: Sunday	☆	—	

1

❖ **Key Operator Tools**

Menu	Main machine	Sub-machine	Remarks
User Code Management	☆	—	Access these settings through the main machine. Main machine settings override those of the sub-machine.
Key Counter Management	—	—	Access these settings through the main machine. Main machine settings override those of the sub-machine.
External Charge Unit Management	—	—	Access these settings through the main machine. Main machine settings override those of the sub-machine.
Key Operator Code	—	—	When **[All Features]** is selected, the sub-machine operates according to main machine settings.
Display User Code	—	—	
Display/ Print Counter	—	—	
Display/Clear/Print Counter per User Code	—	—	In Connect Copy mode, the number of copies on the sub-machine is shown in User Code on the main machine.
Print Address Book	—	—	
Address Book Management	—	—	
Address Book: Program/Change/Delete Group	—	—	
Address Book: Change Order	—	—	
Address Book: Edit Title	—	—	
Select Title	—	—	
Auto Delete File	—	—	
Delete All Files	—	—	
Extended Security	—	—	
Password Management for Stored Files	—	—	
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
❒ When Connect Copying, the【User Tools】key on the sub-machine is disabled. To access 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

❖ General Features

Menu	Main machine	Sub-machine	Remarks
Auto Paper Select Priority	☆	—	Tray with the same size and direction of paper are selected from the main machine and sub-machine automatically.
Auto Image Density Priority	☆	—	
Original Type Priority	☆	—	
Duplex Mode Priority	☆	—	
Original Orientation in Duplex Mode	☆	—	
Copy Orientation in Duplex Mode	☆	—	
Change Initial Mode	☆	—	
Reserve Job Mode	☆	—	
Max. Number of Sets	☆	—	
Manual Original Counter Reset	☆	—	
Auto Tray Switching	☆	☆	

❖ Image Adjustment

Menu	Main machine	Sub-machine	Remarks
Text	☆	☆	
Text/ Photo	☆	☆	
Photo	☆	☆	
Pale	☆	☆	
Generation Copy	☆	☆	
Dark Background	☆	☆	

❖ Display/Tone

Menu	Main machine	Sub-machine	Remarks
Original Type Display	☆	—	
Special Original Display	☆	—	
Paper Display	☆	—	The sub-machine will always display the paper type, regardless of whether or not this function is selected.
Panel Features Default	☆	—	
Image Adjustment Priority	☆	—	
Tone: Original Remains	☆	—	
Job End Call	☆	☆	When turned on, only the main machine beeper sounds when copying is complete. (If the "Panel Tone" of System Settings is set to "Low", "Medium" or "High".
Customize Function: Copy	☆	—	
Customize Function:Store Document Server	☆	—	
Customize Function:Print Document Server	☆	—	
Special Original Display Defaults	☆	—	
Connect Copy Key Display	☆	☆	

❖ **Reproduction Ratio**

Menu	Main machine	Sub-machine	Remarks
Preset Reduce/ Enlarge	☆	—	
Preset Reduce/ Enlarge Priority	☆	—	
Shortcut R/ E	☆	—	
Create Margin Ratio	☆	—	

❖ **Edit**

Menu	Main machine	Sub-machine	Remarks
Copy Back Cover	☆	←	
Front Page Margin: Left/ Right	☆	←	
Back Side Margin: Left/ Right	☆	←	
Front Side Margin: Top/ Bottom	☆	←	
Back Side Margin: Top/ Bottom	☆	←	
1 → 2 Sided Auto Back Side Margin: T to T	☆	←	
1 → 2 Sided Auto Back Side Margin: T to B	☆	←	
Erase Border Width	☆	←	
Erase Original Shadow in Combine	☆	←	
Erase Center Width	☆	←	
Image Repeat Separation Line	☆	←	
Double Copies Separation Line	☆	←	
Separation Line in Combine	☆	←	
Copy Order in Combine	☆	←	
Orientation: Booklet, Magazine	☆	←	
Front Cover Copy in Combine	☆	←	
Copy on Designating Page in Combine	☆	←	
Double Copies Position	☆	←	

❖ Stamp

Menu	Main machine	Sub-machine	Remarks
Background Numbering			
Size	☆	←	
Density	☆	←	
Preset Stamp			
Stamp Language	☆	←	Main machine settings always take priority, but it is best to match settings on both machines.
Stamp Priority	☆	←	
Stamp Format	☆	←	
User Stamp			
Program/ Delete Stamp	☆	←	Make the same stamp settings on both machines.
Stamp Format	☆	←	
Date Stamp			
Stamp Format	☆	←	
Stamp Font	☆	←	
Stamp Position	☆	←	
Page to Stamp	☆	←	
Stamp Size	☆	←	
Superimpose	☆	←	
Page Numbering			
Stamp Format	☆	←	
Stamp Font	☆	←	
Stamp Size	☆	←	
Back Side Stamp Position in Duplex	☆	←	
Page Numbering in Combine	☆	←	
Stamp on Designation Sheet Page	☆	←	
Superimpose	☆	←	
Stamp Position: P1,P2	☆	←	
Stamp Position: 1/5,2/5	☆	←	
Stamp Position:-1-,-2-	☆	←	
Stamp Position: P.1,P.2	☆	←	
Stamp Position: 1,2	☆	←	

Menu	Main machine	Sub-machine	Remarks
Stamp Position: 1-1,2-2	☆	←	
Stamp Text			
Stamp Font	☆	←	
Stamp Position	☆	←	
Page to Stamp	☆	←	
Stamp Size	☆	←	
Superimpose	☆	←	

❖ **Input/Output**

Menu	Main machine	Sub-machine	Remarks
SADF Auto Reset	☆	—	
Eject Copy Face Up/ Down in Glass Mode	—	—	In Connect Copy mode, this setting is ineffective when using functions such as Sort/Staple and Stack.
Auto Sort	☆	—	
Memory Full Auto Scan Restart	☆	←	
Sort/Stack Shift Tray Setting	☆	—	
Insert Separation Sheet	☆	←	
Select Staple Position	☆	—	
Letterhead Setting	☆	←	

User Tools (Copier/Document Server Features)

General Features

❖ **Connect key**
You can select whether or not to display the 🖼 **[Connect]** key. If you select **[Hide]**, it will not be displayed and this machine cannot be used as the main machine.

📎 **Note**
❒ Default: *Display*

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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.

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 "With Image Rotation" 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

❖ **Main Machine**

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.
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** 　"Interrupt Copy", *Copy Reference*
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.

Message	Causes	Solutions
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.

❖ **Sub-Machine**

Message	Causes	Solutions
Cannot connect Check the main power switch of the sub-machine or the cable to connect.	Sub-machine was stopped during connect copying due to power failure or communication error.	Continue copying on the main machine.

When the Service Call Indicator Is lit

Problem	Causes	Solutions
An error message indicating a breakdown appears on the display.	indicator is lit.	• Follow the instructions on the display. • Exit Connect Copy mode, and continue copying on the main machine where the error message no longer appears.

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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 Key Display" of the User Tools setting is "Hide".	Change the setting to "Display" or press the **[Connect]** key on the other machine. $\mathcal{P}$**Reference** p.10 "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】 key to clear the programmed functions. $\mathcal{P}$**Reference** "Functions that Require Options", *Copy Reference*.

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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 **[Exit]** 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. $\mathcal{P}$**Reference** "Weekly Timer Code", *General Settings Guide*.
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 Exit Connect Copy

Machine Status	Causes	Solutions
Nothing happens when you press the 🖼️ **[Connect]** key.	Originals are being scanned or copied.	Press the main machine 【**Stop**】 key and them press **[Yes]** key to cancel scanning or copying.
	There is a paper misfeed in either the main machine or sub-machine.	Clear the paper jam in the main machine or sub-machine. 🔎**Reference** "⁸⁄ᵧ Clearing Missfeed", General settings Guide "⚒ Removing Jammed Staples", General settings Guide If the "Open Cover" display appears, follow the instructions given. For any other problems, follow the instructions that are displayed. To exit Connect Copy mode, press the main machine 【**Stop**】 key, then press the **[Connect]** key.
	The main machine 【**Stop**】 key was pressed and scanning of the original has been interrupted.	To exit Connect Copy mode, follow the instructions on the display, then press the **[Yes]** key.
	The 【**Stop**】 key was pressed on either the main machine or sub-machine and copying has been interrupted.	To exit Connect Copy mode, follow the instructions on the display, then press the **[Yes]** key.

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Machine Status	Causes	Solutions
Nothing happens when you press the 🔲 **[Connect]** key.	The main machine or sub-machine needs a fresh supply of toner or staples.	Solve the problem in the appropriate unit. 🔎**Reference** "📥 Loading Paper", General settings Guide "📥 Changing the Toner Bottle", General settings Guide "📥 Adding Staples", General settings Guide "📥 Removing Punch Waste", General settings Guide For any other problems, follow the instructions that are displayed. To exit Connect Copy mode, press the main machine **【Stop】** key. then press the **[Yes]** key.
	A paper misfeed occurred during stapling.	Remove the misfed paper. To exit Connect Copy mode, press the **【Stop】** key, then press the **[Connect]** key.

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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 **[Connect]** key to exit Connect Copy mode, and then copy using staple/punch.
The copied images differ.	"Image Adjustment" set in User Tools is not the same.	"General Features", *Copy Reference*
	The options (finisher or booklet finisher installed on main and sub-machine are different.	Press the **[Connect]** key to exit Connect Copy mode, and then copy using stack/staple/punch.

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Specifications

❖ **Theoretical continuous copying speed (85 copies/per minute — 85 copies/per minute):**
- 170 copies/per minute (A4, $8^1/_2$ x 11 in)
- 82 copies/per minute (A3, 11 x 17 in)

❖ **Theoretical continuous copying speed (85 copies/per minute — 105 copies/per minute):**
- 190 copies/per minute (A4, $8^1/_2$ x 11 in)
- 90 copies/per minute (A3, 11 x 17 in)

❖ **Theoretical continuous copying speed (105 copies/per minute — 105 copies/per minute):**
- 210 copies/per minute (A4, $8^1/_2$ x 11 in)
- 98 copies/per minute (A3, 11 x 17 in)

❖ **Maximum continuous copy run:**
9999 sets

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$C\,\epsilon$

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