



PRINTER Controller Type 1055

Operating Instructions



PRINTER REFERENCE 2 (option)



-
- 1 Uninstalling the Printer Driver
 - 2 Setting Up the Printer Driver and Cancelling a Print Job
 - 3 Troubleshooting
 - 4 Using the Control Panel
 - 5 Appendix

Introduction

This manual contains detailed instructions on the operation and maintenance of this machine. To get maximum versatility from this machine all operators should carefully read and follow the instructions in this manual.

Please keep this manual in a handy place near the machine.

Please read the Safety Information in the "Copy Reference" manual before using this machine. It contains important information related to USER SAFETY and PREVENTING EQUIPMENT PROBLEMS.

Important

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

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Warning:

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

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.

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Manuals for This Machine

Manuals for This Machine

There are seven manuals that separately describe the operational procedures for the operation and maintenance of the machine.

To enhance safe and efficient operation of the machine, all users should read and follow the instructions contained in the following manuals.

❖ **Copy Reference**

Describes the procedures and functions for using this machine as a copier.

❖ **System Settings**

Describes the system settings of this machine.

❖ **Printer Reference 1**

Describes the system settings, procedures and functions for using this machine as a printer.

❖ **Printer Reference 2**

Describes the procedures and provides necessary information about using this machine as a printer. The manual is included as a PDF file on the CD-ROM labeled "Printer Drivers and Utilities". (This Manual)

❖ **Network Interface Board Quick Configuration Guide**

Describes the procedures and provides necessary information about setting up and using the printer under the network environment. We recommend this manual as your first choice. The manual is included as a PDF file on the CD-ROM labeled "Printer Drivers and Utilities". Read this manual as your first choice before referring to the paper version of the Quick Configuration Guide which comes with optional Network Interface Board Type 450-E.

❖ **PostScript 3 Operating Instructions Supplement**

Describes the menus and features you can set using the PostScript printer driver. The manual is provided as a PDF file on the CD-ROM labeled "Printer Drivers and Utilities".

❖ **Network Interface Board Type 450-E Owner's Manual**

Describes the procedures and provides necessary information about setting up and using the printer under the network environment. The manual is provided as a PDF file which is included on the CD-ROM labeled "Print Server Software and Documentation" which comes with optional Network Interface Board Type 450-E.

How to Read This Manual

Symbols

In this manual, the following symbols are used:

 **WARNING:**

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

 **CAUTION:**

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

* The statements above are notes for your safety.

 **Important**

If this instruction is not followed, paper might be misfed, originals might be damaged, or data might be lost. Be sure to read this.

 **Preparation**

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

 **Note**

This symbol indicates precautions for operation, or actions to take after misoperation.

 **Limitation**

This symbol indicates numerical limits, functions that cannot be used together, or conditions in which a particular function cannot be used.

 **Reference**

This symbol indicates a reference.

[]

Keys that appear on the machine's display panel.

Keys and buttons that appear on the computer's display.

[]

Keys built into the machine's control panel.

Keys on the computer's keyboard.

1. Uninstalling the Printer Driver

Uninstalling the Printer Driver

This section describes how to uninstall the printer drivers. Actual procedures may vary depending on the operating system.

Follow the procedures below as appropriate.

Windows 95/98/Me - Uninstalling the Printer Driver

- 1** Close all the applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.
- 3** Click the icon of the machine whose printer driver you want to remove.
- 4** On the **[File]** menu, click **[Delete]**.
A confirmation dialog box appears.
- 5** Click **[Yes]** to uninstall the printer driver.

Windows 2000/XP - Uninstalling the Printer Driver

Limitation

- Uninstalling a printer driver requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you uninstall a printer driver, log on using an account that has Manage Printers permission.

- 1** Close all the applications that are currently running.
- 2** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.
The **[Printers]** window appears.

Note

- In Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
 - In Windows XP Home Edition, access the **[Printers and Faxes]** window. Click **[Start]** on the taskbar, click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.
- 3** Click the icon of the machine whose printer driver you want to remove.

4 On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.

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Windows NT 4.0 - Uninstalling the Printer Driver

Limitation

Uninstalling a printer driver requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you uninstall a printer driver, log on using an account that has Full Control permission.

1 Close all applications that are currently running.

2 Click [Start] on the taskbar, point to [Settings], and then click [Printers].

The [Printers] window appears.

3 Click the icon of the machine whose printer driver you want to remove.

4 On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.

Mac OS - Uninstalling the PostScript 3 Printer Driver

1 Drag the "AdobePS" file from the [Extensions] folder in [System Folder] to [Trash].

2 Drag the PPD file and plug-in file from the [Printer Descriptions] folder in the [Extensions] folder in [System Folder] to [Trash].

Mac OS X - Uninstalling the PostScript 3 Printer Driver

1 Run Print Center.

2 Select the printer driver you want to uninstall in the Printer List window, and then click [Delete].

2. Setting Up the Printer Driver and Cancelling a Print Job

Accessing the Printer Properties

Windows 95/98/Me - Accessing the Printer Properties

Changing the default machine settings

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

- 2** Click the icon of the machine whose default settings you want to change.

- 3** On the **[File]** menu, click **[Properties]**.

The **[Printer Properties]** dialog box appears.

- 4** Make any settings you require, and then click **[OK]**.

 **Note**

- With some applications, the printer driver's settings are not used, and the application's own settings are applied.

Making machine settings from an application

To make the machine settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95/98/Me.

 **Note**

- The actual procedures you should follow to open the **[Printer Properties]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

- 1** On the **[File]** menu, click **[Print]**.

The **[Print]** dialog box appears.

- 2** Select the machine you want to use in the **[Name]** list box, and then click **[Properties]**.

The **[Printer Properties]** dialog box appears.

3 Make any settings you require, and then click [OK].

4 Click [OK] to start printing.

Windows 2000/XP - Accessing the Printer Properties

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Changing the default machine settings - Printer Properties

 **Limitation**

- Changing the setting of the machine requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

1 Click [Start] on the taskbar, point to [Settings], and then click [Printers].

The [Printers] window appears.

 **Note**

- In Windows XP Professional, access the [Printers and Faxes] window from [Start] on the taskbar.
- In Windows XP Home Edition, access the [Printers and Faxes] window. Click [Start] on the taskbar, click [Control Panel], [Printers and Other Hardware] and then [Printers and Faxes].

2 Click the icon of the machine whose default settings you want to change.

3 On the [File] menu, click [Properties].

The [Printer Properties] dialog box appears.

4 Make any settings you require, and then click [OK].

 **Note**

- Normally you do not have to change the “Form to Tray Assignment” settings on the [Device Settings] tab in the PostScript 3 printer driver.
- Settings you make here are used as the default settings for all applications.

Changing the default machine settings - Printing Preferences Properties

Limitation

- Changing the setting of the machine requires Manage Printers permission. Members of the Administrators and Power Users groups have Manage Printers permission by default. When you set up options, log on using an account that has Manage Printers permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

Note

- In Windows XP Professional, access the **[Printers and Faxes]** window from **[Start]** on the taskbar.
- In Windows XP Home Edition, access the **[Printers and Faxes]** window. Click **[Start]** on the taskbar, click **[Control Panel]**, **[Printers and Other Hardware]** and then **[Printers and Faxes]**.

2 Click the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Printing Preferences...]**.

The **[Printing Preferences Properties]** dialog box appears.

4 Make any settings you require, and then click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Making machine settings from an application

To make the machine settings for a specific application, open the **[Print]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000/XP.

Note

- The actual procedures you should follow to open the **[Print]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

1 On the **[File]** menu, click **[Print...]**.

The **[Print]** dialog box appears.

- 2** Select the machine you want to use in the **[Select Printer]** box, and then click **[Properties]**.

Click the tab that you want to change its print settings.

 **Note**

- In Windows XP, click **[Preferences]** to open the **[Printing Preferences]** dialog box.

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- 3** Make any settings you require, and then click **[OK]**.

- 4** Click **[OK]** to start printing.

 **Note**

- In Windows XP, click **[Print]** to start printing.

Windows NT 4.0 - Accessing the Printer Properties

Changing the default machine settings - Printer Properties

 **Limitation**

- Changing the setting of the machine requires Full Control access permission. Members of Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you set up options, log on using an account that has Full Control permission.

- 1** Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

- 2** Click the icon of the machine whose default settings you want to change.

- 3** On the **[File]** menu, click **[Properties]**.

The **[Printer Properties]** dialog box appears.

- 4** Make any settings you require, and then click **[OK]**.

 **Note**

- Normally you do not have to change the “Form to Tray Assignment” settings on the **[Device Settings]** tab in the PostScript 3 printer driver.
- Settings you make here are used as the default settings for all applications.

Changing the default machine settings - Default Document Properties

Limitation

- Changing the setting of the machine requires Full Control access permission. Members of the Administrators, Server Operators, Print Operators, and Power Users groups have Full Control permission by default. When you set up options, log on using an account that has Full Control permission.

1 Click **[Start]** on the taskbar, point to **[Settings]**, and then click **[Printers]**.

The **[Printers]** window appears.

2 Click the icon of the machine whose default settings you want to change.

3 On the **[File]** menu, click **[Document Defaults]**.

The **[Default Document Properties]** dialog box appears.

4 Make any settings you require, and then click **[OK]**.

Note

- Settings you make here are used as the default settings for all applications.

Making machine settings from an application

To make the machine settings for a specific application, open the **[Printer Properties]** dialog box from that application. The following example describes how to make settings for the WordPad application that comes with Windows NT 4.0.

Note

- The actual procedures you should follow to open the **[Printer Properties]** dialog box may vary depending on the application. For more information, see the documentation that comes with the application you are using.
- Any settings you make in the following procedure are valid for the current application only.

1 On the **[File]** menu, click **[Print]**.

The **[Print]** dialog box appears.

2 Select the machine you want to use in the **[Name]** list box, and then click **[Properties]**.

The **[Document Properties]** dialog box appears.

3 Make any settings you require, and then click **[OK]**.

4 Click **[OK]** to start printing.

Macintosh - Setting Up for Printing

Making paper settings from an application

- 1** Open the file you want to print.
- 2** On the [File] menu, click [Page Setup].
The [Page Setup] dialog box appears.
- 3** Make sure that the machine you want to use is shown in the [Format for:] box.

 **Note**

- If the machine is not shown in the [Format for:] box, use the pop-up menu to display a list of available machines.

 **Reference**

The actual appearance of the Page Setup depends on the application you are using. See the documentation that comes with the Macintosh for more information.

- 4** From the [Paper:] or [Paper Size:] box, select the paper size.
- 5** Make any settings you require, and then click [OK].

Setting up for printing from an application

- 1** Open the file you want to print.
- 2** On the [File] menu, click [Print].
The [Print] dialog box appears.
- 3** Make sure that the machine is selected in the [Printer:] box.
- 4** Make any settings you require, and then click [Print] to start printing.

Cancelling a Print Job

Windows - Cancelling a Print Job

1 Double-click the printer icon on the Windows taskbar.

A window appears, showing all the print jobs that are currently queuing to be printed. Check the current status of the job you want to cancel.

2 Select the name of the job you want to cancel.

3 On the [Document] menu, click [Cancel Printing].

Note

- In Windows XP, click [cancel] on the [Document] menu.
- In Windows 95/98/Me, 2000 or NT 4.0, you can also open the print job queue window by double-clicking the machine icon in the [Printers] window, and in Windows XP, the [Printers and Faxes] window.

4 Press the [Printer] key on the machine's control panel.

5 Press [Job Reset] on the display panel.

6 Press [Reset Current Job] or [Reset All Jobs].

- [Reset Current Job]: cancels the print job that is being processed by the machine
- [Reset All Jobs]: cancels all the jobs in the print queue
- [Resume Printing]: resumes printing jobs

A confirmation screen appears.

7 Press [Yes] to cancel the print job.

Note

- Press [No] to return to the previous screen.

Important

- When the machine is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.
- When the machine is connected to the computer using a parallel cable, a print job sent from the computer may be also cancelled when cancelling the print jobs by pressing [Reset All Jobs] and while "Waiting..." is displayed on the display panel. After the interval set in "I/O Timeout" in "Printer Features" has passed, the next print job can be sent. A print job sent from a different client computer will not be cancelled in the above case.

 **Note**

- You cannot stop printing data that has already been processed internally by the machine. Because of this, printing may continue for a few pages after you press **[Job Reset]**.
- A print job that contains a large volume of data may take considerable time to stop.

2

Macintosh - Cancelling a Print Job

1 Double-click the printer icon on the desktop.

A window appears, showing all the print jobs that are currently queuing to be printed. Check the current status of the job you want to cancel.

 **Note**

- In Mac OS X, start Print Center.

2 Select the name of the job you want to cancel.

3 Click the pause icon, and then click the trash icon.

4 Press the **[Printer]** key on the machine's control panel.

5 Press **[Job Reset]** on the display panel.

6 Press **[Reset Current Job]** or **[Reset All Jobs]**.

- **[Reset Current Job]**: cancels the print job that is being processed by the machine
- **[Reset All Jobs]**: cancels all the jobs in the print queue
- **[Resume Printing]**: resumes printing jobs

A confirmation screen appears.

7 Press **[Yes]** to cancel the print job.

 **Note**

- Press **[No]** to return to the previous screen.

 **Important**


- When the machine is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.
- When the machine is connected to the computer using a parallel cable, a print job sent from the computer may be also cancelled when cancelling the print jobs by pressing **[Reset All Jobs]** and while "Waiting..." is displayed on the display panel. After the interval set in "I/O Timeout" in "Printer Features" has passed, the next print job can be sent. A print job sent from a different client computer will not be cancelled in the above case.

 **Note**

- You cannot stop printing data that has already been processed internally by the machine. Because of this, printing may continue for a few pages after you press **[Job Reset]**.
- A print job that contains a large volume of data may take considerable time to stop.

3. Troubleshooting

Error & Status Messages on the Control Panel

Messages	Description	Comments
Add staples.	The staples are running out, even though stapling will continue.	This message remains while the machine is in the staple mode.
An unformatted disk was detected. Are you sure want to format the disk?	When the power was turned on, an unformatted hard disk was detected by the controller.	To format the hard disk, press [Yes] . To cancel formatting and switch the machine to the online mode, press [No] .  Note <input type="checkbox"/> Usually this message appears only when the optional hard disk is installed. However, it also appears when a hard disk error occurs. In this case, turn the main switch off and then back on. If the message appears again, the hard disk needs formatting. When you format the hard disk, the font installed in the hard disk will be deleted.
Empty Hole Punch receptacle	The Punch Trash got full and the print job is still in the punch mode.	This is not an error. Dump the punch trash. This message remains until the next print job begins.
Exceeded max. number of sample print jobs. Job download has been cancelled.	The total number of sample print jobs or pages exceed the maximum number of 30.	Press [Exit] . Delete some unnecessary data from the list of "Sample Print Jobs". When a length of time passes without any key pressed, the print job will be canceled automatically.
File error. Print job download has been cancelled.	An error occurred while accessing files.	Press [Exit] to cancel the print job. When a length of time passes without any key pressed the print job will be canceled automatically.

Messages	Description	Comments
Formatting the disk...	The hard disk is being formatted.	Wait until the confirmation message appears.
Functional Problems SC2000	A controller diagnostic error occurred while the power is on.	Turn the main switch off, and then back on. If the error message appears again, contact your sales or service representative.
Functional Problems SC2001	A controller exception error occurred in the printer controller.	Turn the main switch off, and then back on. If the error message appears again, contact your sales or service representative. Even if this error occurs, the copy function is still available.
Functional Problems SC2002	The printer controller has detected some error at the debug trap on the software.	Turn the main switch off, and then back on. If the error message appears again, contact your sales or service representative. Even if this error occurs, the copy function is still available.
Going Offline.	The machine is shifting from Online to Offline.	Wait until it shifts to Offline.
Load <xxx> <yyy> paper in <zzz>, or select another tray and press [Continue] . Press [Reset] to cancel current job.	The selected input tray is empty.	Put the selected paper in the selected input tray, and the print job will be resumed automatically, or select another tray to print by pressing one of the trays displayed on the screen. Press [Reset] to cancel the current job if you want. When a length of time passes without any key pressed, the print job will be canceled automatically. <xxx>: Paper size <yyy>: Media Type <zzz>: Tray
Memory Error. Only 1 set can be output.	An Engine HDD error occurred in the collate operation.	The print job can be completed with only one set of the document. This message remains until the next print job begins.

Messages	Description	Comments
Memory is full. Print job download has been cancelled.	The document server memory is full and cannot receive the data from the machine. The job will be canceled.	Delete some unnecessary data from the document server.
Memory overflow. Press [Reset] to cancel current job.	Memory overflow occurred during the print job. After a part of the data on the page is printed, the print job is suspended. This is because the emulation language sent a file too complex for the printer to interpret with the available memory, or there is not enough memory space to download the fonts.	Press [Reset] to cancel current job. When a length of time passes without any key pressed, the print job will be canceled automatically. To print the image correctly, add memory to the machine. This message remains until the next print job.
Network failure. Network communication is not available. Check the Network setting.	Network communication is not available. Installed Network Interface Board fails to connect correctly communication with the network.	Press [Continue] and check the network settings, and the printer will start without the network capability. Even if Network Interface Board is installed, no error will occur when it is not plugged into a network connection.
Network Interface Board Firmware downloading...	Network Interface Board firmware is being downloaded.	Wait until it is downloaded.
Network Interface Board initializing...	Network Interface Board is being initialized.	Wait until it is initialized.
Offline	The printer is Offline.	If you want to change into Online, press [Online] .
Output tray is full. Remove the paper on ***.	The selected output tray is full, and the print job is suspended.	Remove paper from the output tray, and the print job will be resumed automatically. ***: Output tray
Paper left in Duplex Tray. Open Duplex Tray and remove paper.	Paper will remain in the duplex tray, when a new duplex print job is started. The print job is suspended.	Remove the paper from the duplex tray, and the print job will be resumed automatically.
Paper left in Staple Tray. Open Finisher and remove paper.	Paper will remain in the staple tray, when the stapling job is canceled or a new stapling job is started.	Remove the paper from the staple tray, and the print job will be resumed automatically.
Paper misfeed has interrupted printing. Press [Reset] to cancel current job, or press [Continue] to print.	A paper misfeed occurred, and you removed all the misfed paper. The print job is interrupted.	To cancel the print job, press [Reset] . To make the jam recovery operation, press [Continue] .

Messages	Description	Comments
<p>Paper mismatch. Load <xxx> <yyy> paper in <zzz>, or select another tray and press [Continue]. Press [Reset] to cancel current job.</p>	<p>The paper size selected from the host is not set in any trays, when the tray selection is set to "Auto Tray Switching".</p>	<p>Put the correct paper in the tray, and change the setting of the tray using the control panel. Press [Continue] to continue the print job using the incorrect paper.</p> <p>When a length of time passes without any key pressed, the print job will be canceled automatically.</p> <p><xxx>: Paper size <yyy>: Media Type <zzz>: Tray</p>
	<p>There is no selected paper in the selected input tray, although the paper size has been set from the host.</p> <p>The actual paper size and input tray are different from those selected from the host.</p>	
<p>Parallel Communication Error.</p> <p>Please set up communication parameters in parallel menu.</p> <p>Press [Reset] to cancel current job.</p>	<p>A parallel communication error has occurred during the print job via the parallel port.</p>	<p>Press [Reset] to cancel the current job, and check the parallel communication settings again.</p>
<p>Please open the bypass tray.</p>	<p>The bypass tray is not open.</p>	<p>Open the bypass tray.</p> <p>Put the selected paper in the bypass tray, and the print job will be resumed automatically.</p> <p>Press [Exit] to cancel the current job if you want.</p>
<p>Please wait.</p>	<p>The printer is warming up or processing internally.</p>	<p>Wait for the machine to get ready.</p>
<p>Print overrun.</p> <p>Press [Reset] to cancel current job, or press [Continue] to print.</p>	<p>A print overrun occurred on a file being printed. Only a part of the data on the page will be printed, and the print job is suspended.</p>	<p>Press [Continue] to ignore this error message, and the print job will be resumed.</p> <p>Press [Reset] to cancel the print job.</p> <p>When a length of time passes without any key pressed, the print job will be canceled automatically.</p> <p>To print the image correctly, add memory to the machine, or reduce the resolution of the image and re-send the print job.</p>
<p>Printer HDD Error.</p> <p>Printer HDD cannot be used.</p>	<p>A Printer HDD error is detected while the power is on.</p>	<p>Press [Continue] after confirming the error message, and the printer will start without the Printer HDD capability.</p>

Messages	Description	Comments
Printer HDD Error. Press [Reset] to cancel current job.	A Printer HDD error is detected while a macro or font is being downloaded from the host to the printer controller.	Press [Reset] to cancel the current job. If the error message often appears, change the Printer HDD. Contact your sales or service representative.
Printer HDD is full. Press [Reset] to cancel current job.	A Printer HDD becomes full while downloading a macro or font from the host to the printer controller.	Press [Reset] to cancel the operation. When a length of time passes without any key pressed, the operation will be canceled automatically. To execute the operation correctly, make room on the disk partition in advance.
Ready	The printer is Online and ready to make a print.	If you want to change to Offline mode, press [Offline] .
The disk could not be formatted.	The hard disk has not been formatted successfully.	Turn the main switch off and back on, and then try formatting again. If this message appears again, change the hard disk. Contact your sales or service representative.
The disk was formatted successfully. Turn machine off then on again to restart.	The hard disk has been formatted successfully.	Turn the main switch off, and then back on. The hard disk is ready to use.
The Job has been reset.	The current print job has been reset.	
*** is not available. Select another tray and press [Continue] , or press [Reset] to cancel current job.	Something is wrong with the selected input tray.	Select another tray to print by pressing one of the trays displayed on the screen or press [Reset] to cancel the current job. When a length of time passes without any key pressed, the print job will be canceled automatically. ***: Input tray
*** is not set correctly. Set *** correctly.	The selected input tray is not set correctly.	Close the selected input tray, and the print job will be resumed automatically. ***: Input tray

Machine Does not Print

3

Possible Cause	Solutions
Is the power on?	Turn on the machine.
Is the interface cable properly connected?	Connect the interface cable properly. If there are any connectors or screws, make sure that they are fastened securely.
Are you using the correct interface cable?	Be sure to use the correct cable. If the cable is damaged or worn, replace it with a new one.
Did you connect the interface cable after turning on the main switch?	Be sure to connect the interface cable before turning on the main switch.
Is the machine Online?	Bring it Online by pressing [Online] .
Is the specified paper set?	Set the specified paper in any of the input trays.
Are there any error messages on the display panel?	Check the error message, and take the required action.
Does the Function Status indicator on the left side of the Printer key stay red?	Check the error message, and take the required action.
Is the Data In Indicator blinking or lit?	If it is not, the data does not reach the machine. Check the printer cable connection. Also confirm that the printer port settings are correct.
Can you print a configuration page?	If you cannot, check the printer cable connection. Also confirm that the printer port settings are correct.
Can you make a "Print Test Page" from the printer driver?	If you cannot, the machine might be out of order. Contact your sales or service representative.

Other Printing Problems

Problem	Action
An image is printed on the reverse side of the paper.	Set the paper upside down.
Multiple pages are fed through the printer at once.	Remove all the paper from the tray and fan them gently.
Paper misfeeds occur frequently.	Check the paper size settings. Use the recommended paper. Avoid using curled, folded, or wrinkled paper, perforated paper, or glossy paper.
A control panel error message stays on after removing the misfed paper.	A paper misfeed message will remain until the front cover is opened and then closed. Open the front cover and close it.
It takes a long time for the printer to start printing.	The machine might be in Energy Saver mode or Low Power mode, which requires more time for warming up and resuming the print job. If you can't wait, change the settings of Low Power. Shift Time and Low Power Timer.
It takes too much time to complete the print job.	The data is so large or complex that it takes time to process it. If the Data In indicator is blinking, the data processing is being done. Just wait until it is finished.
Windows 95/98/Me, Windows 2000/XP, Windows NT 4.0 : The computer does not recognize the installed printer options.	If the printer is not bi-directional, specify which options you have installed using the printer driver. See the HELP file of the printer driver.

4. Using the Control Panel

Though the factory default settings of the printer are suitable for most printing jobs, the “Printer Features” gives you access to a number of settings that control basic machine operations. “Printer Features” settings you make are retained even when you turn off the machine.

Reference

For more information about the copy features and their system settings, see the “Copy Reference” and the “System Settings” manuals.

Adjusting Printer Features

Printer Features Menu

There are eight menu items in the “Printer Features” menu.

- PCL
- PostScript
- Paper Feed
- Parallel
- Network
- Configuration
- List Print
- Reset Select

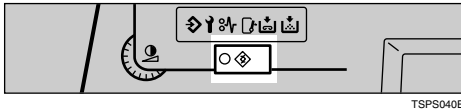
You can select functions in the following table.

Category	Function Menu
PCL⇒ p.26	Orientation
	Form Length
	Font Source
	Font Number
	Point Size
	Font Pitch
	Symbol Set
	Wide A4
PostScript⇒ p.27	Print PS Errors

Category	Function Menu
Paper Feed⇒ p.28	Page Size
	Tray Priority
	Auto Tray Switching
	Bypass paper Type
	Paper Type Priority
	Duplex
	Sort
	Staple
	Punch
Parallel⇒ p.30	Printer Language
	Bi-direction
	I/O Timeout
Network⇒ p.31	I/O Timeout
	IP Address
	Subnet Mask
	Gateway Address
	Network Menu Protect
Configuration⇒ p.32	Resolution
	Auto Continue
	Edge Smoothing
	Auto Countinue Timeout
	Convert Paper Sizes
List Print⇒ p.33	PS Font List
	PCL Font List
	PS Demo Page
	PCL Demo Page
	Configuration Page
	Disk Directory List
	Minor Error Log
Reset Select⇒ p.33	Job Reset
	Menu Reset
	Printer Restart
	User Code Log Clear

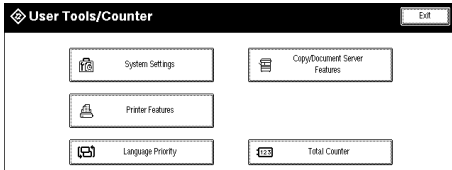
Accessing the Printer Features

- 1 Press **[User Tools/Counter]**.



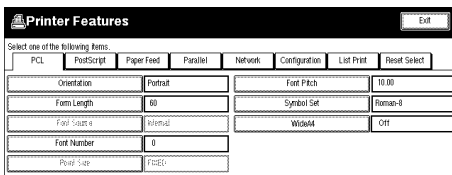
TSPS040E

The following screen appears on the display panel.



- 2 Press **[Printer Features]**.

The following screen appears on the display panel.



- 3 Select the desired item by pressing the key, and change the settings by following the instructions on the display panel. Then press **[OK]** to return to the "Printer Features" screen.

Note

- [OK]**: Press to set the new settings and return to the previous menu.
- [Cancel]**: Press to return to the previous menu without changing any setting.

Exiting the User Tools

- 1 After changing Printer Features, press **[Exit]** to return to the "User Tools/Counter".






- 2 Press **[Exit]**.




Note

- You can also exit User Tools/Counter by pressing **[User Tools/Counter]**.


Printer Features Parameters

PCL





Menu	Description
Orientation	<p>You can select the page orientation:</p> <ul style="list-style-type: none"> • Portrait • Landscape <p> Note</p> <p><input type="checkbox"/> Default: <i>Portrait</i></p>
Form Length	<p>You can set the number of lines per page: 5 to 128</p> <p> Note</p> <p><input type="checkbox"/> The default settings depend on the paper size.</p> <p><input type="checkbox"/> Default: <i>64 (A4)</i></p> <p><input type="checkbox"/> Default: <i>60 (8¹/₂ × 11)</i></p>
Font Source	<p>You can select the location of the default font:</p> <ul style="list-style-type: none"> • Internal Specifies the resident font you want to use as the default font. • Soft Specifies the font downloaded from the host machine you want to use as the default font. The downloaded font will be deleted when you turn off the machine. • Disk Specifies the font downloaded to the optional HDD you want to use as the default font. <p> Note</p> <p><input type="checkbox"/> Default: <i>Internal</i></p>
Font Number	<p>You can set the value for the default font you want to use: 0 to 52</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>0</i></p>
Point Size	<p>You can set the value for the point size you want to use for the selected font in increments of 0.25: 4.00 to 999.75</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>12.00</i></p> <p>When an incorrect size is entered, it blinks for about 2 seconds. Enter the correct size at that time.</p>





Menu	Description
Font Pitch	<p>You can set the number of characters per inch for the selected font in increments of 0.01:</p> <p>0.44 to 99.99</p> <p> Note</p> <p><input type="checkbox"/> Default: 10.00</p>
Symbol Set	<p>You can select the set of print characters for the selected font. Search for the desired font among the options shown in the 3 screens.</p> <p>Roman-8, Win L1, Win L2, Win L5, Win Baltic, Win 3.0, Legal, ISO L1, ISO L2, ISO L5, ISO 4, ISO 6, ISO 11, ISO 15, ISO 17, ISO 21, ISO 60, ISO 69, PC-8, PC-850, PC-852, PC-1004, PC-8 D/N, PC-8 TK, VN Math, VN US, VN Intl, MS Publ, Pifont, Desktop, Math-8, PS Math, PS Text, MC Text</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>Roman-8</i></p>
Wide A4	<p>You can extend printing area width, when printing on A4 sheet with PCL.</p> <ul style="list-style-type: none"> • Off • On <p> Note</p> <p><input type="checkbox"/> Default: <i>Off</i></p> <p><input type="checkbox"/> When the setting is "On", the width will be 8¹/₂ inches.</p>


PostScript

Menu	Description
Print PS Errors	<p>You can select whether the PostScript Error Report should be printed:</p> <ul style="list-style-type: none"> • Off • On <p> Note</p> <p><input type="checkbox"/> Default: <i>Off</i></p>




Paper Feed

Menu	Description
Page Size	<p>You can set the page size when the page size is not specified by the application.</p> <p>A3, 11 × 17, B4 JIS, 8¹/₂ × 14, 8¹/₄ × 13, 8 × 13, 8¹/₂ × 13, A4, 8¹/₂ × 11, 7¹/₄ × 10¹/₂, B5 JIS, A5, 5¹/₂ × 8¹/₂, 8k, 16k</p> <p> Note</p> <p><input type="checkbox"/> Default (Metric Version): A4</p> <p><input type="checkbox"/> Default (Inch Version): 8¹/₂ × 11</p>
Tray Priority	<p>You can select the input paper tray priority. Only the installed trays appear on the display panel.</p> <p>Auto, LCT, Bypass, Tray 1, Tray 2, Tray 3</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>Auto</i></p>
Auto Tray Switching	<p>You can select whether Auto Tray Switching is On. When Auto Tray Switching is On, and the current paper tray becomes empty during a print job, the machine automatically changes the paper tray to the one that contains the same paper size and orientation:</p> <ul style="list-style-type: none"> • Off • On <p> Note</p> <p><input type="checkbox"/> Default: <i>On</i></p>
Bypass paper Type	<p>You can select the type of paper in the Bypass Tray:</p> <ul style="list-style-type: none"> • Plain Paper • OHP (Transparency) • Thick Paper <p> Note</p> <p><input type="checkbox"/> Default: <i>Plain Paper</i></p>






Menu	Description
Paper Type Priority	<p>You can select the paper type to be given priority from the following. However, paper size has priority over paper type. Also, if you print using the printer driver, the printer driver settings will be used.</p> <ul style="list-style-type: none"> • Plain • Recycled Paper • Special Paper • User Color1 • Translucent Paper • Thick Paper • Tab Stock • User Color2 <p> Note <input type="checkbox"/> Default: <i>Plain</i></p>
Duplex	<p>You can select whether you want to print on both sides of each page.</p> <p>If so, you can also specify the orientation of paper.</p> <ul style="list-style-type: none"> • Off • Long Edge Binding • Short Edge Binding <p> Note <input type="checkbox"/> Default: <i>Off</i></p>
Sort	<p>You can select whether you want to collate the output.</p> <p>If so, you can also specify the printing order.</p> <ul style="list-style-type: none"> • Off • Shift Sort • Rotate Sort <p> Note <input type="checkbox"/> Default: <i>Off</i></p>
Staple	<p>You can select whether you want to staple the output.</p> <p>If so, you can also specify the stapling position among the options shown in the two screens.</p> <p>Off, Left Slant <input type="checkbox"/>, Left Slant <input type="checkbox"/>, Left Vert. <input type="checkbox"/>, Left Vert. <input type="checkbox"/>, Left Horiz. <input type="checkbox"/>, Left Horiz. <input type="checkbox"/>, Left 2 <input type="checkbox"/>, Left 2 <input type="checkbox"/>, Right Slant <input type="checkbox"/>, Right Slant <input type="checkbox"/>, Right Vert. <input type="checkbox"/>, Right Vert. <input type="checkbox"/>, Right Horiz. <input type="checkbox"/>, Right Horiz. <input type="checkbox"/>, Right 2 <input type="checkbox"/>, Right 2 <input type="checkbox"/>, Top 2 <input type="checkbox"/>, Top 2 <input type="checkbox"/></p> <p> Note <input type="checkbox"/> Default: <i>Off</i></p>

Menu	Description
Punch	<p>You can select whether you want to punch the output for filing.</p> <p>If so, you can also select the punching position.</p> <p>Off, Left Portrait, Left Landscape, Right Portrait, Right Landscape, Top Portrait, Top Landscape</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>Off</i></p>






Parallel

Menu	Description
Printer Language	<p>You can set the page description language for print jobs received through the parallel port:</p> <ul style="list-style-type: none"> • Auto • PCL • PostScript <p> Note</p> <p><input type="checkbox"/> Default: <i>Auto</i></p>
Bi-direction	<p>You can set whether bi-directional communication between this machine and the host computer is enabled:</p> <ul style="list-style-type: none"> • Off • On <p> Note</p> <p><input type="checkbox"/> Default: <i>On</i></p>
I/O Timeout	<p>You can set how many seconds to wait until an incomplete print job should end, and the next port in the polling sequence should be set in increments of 1:</p> <p>5 to 300 sec.</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>30 sec.</i></p>

Network

Menu	Description
I/O Timeout	<p>You can set how many seconds to wait until an incomplete print job should end, and the next port in the polling sequence should be set in increments of 1: 5 to 300 sec.</p> <p> Note <input type="checkbox"/> Default: <i>30 sec.</i></p>
IP Address	<p>You can set the IP Address.</p> <p> Note <input type="checkbox"/> Default: <i>All zero</i></p>
Subnet Mask	<p>You can set the Subnet Mask.</p> <p> Note <input type="checkbox"/> Default: <i>All zero</i></p>
Gateway Address	<p>You can set the Gateway Address.</p> <p> Note <input type="checkbox"/> Default: <i>All zero</i></p>
Network Menu Protect	<p>You can set the Network Menu protected.</p> <ul style="list-style-type: none"> • Off • On <p> Note <input type="checkbox"/> Default: <i>Off</i></p>



Configuration

Menu	Description
Resolution	<p>You can set the print resolution in dots per inch:</p> <ul style="list-style-type: none"> • 300 dpi • 600 dpi <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>600 dpi</i> <input type="checkbox"/> When using the PCL 6 printer driver, you can set 600 dpi only.
Auto Continue	<p>You can set whether Auto Continue is enabled. When it is On, printing continues after a system error occurs:</p> <ul style="list-style-type: none"> • Off • On <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> When it is On, and certain types of error occur, the current job might be canceled, and the machine automatically resumes the next job. <input type="checkbox"/> Default: <i>On</i>
Edge Smoothing	<p>You can set whether Edge Smoothing is enabled:</p> <ul style="list-style-type: none"> • Off • On <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>On</i>
Auto Continue Timeout	<p>You can set how many seconds to wait until Auto Continue should end in increments of 1: 5 to 300 sec.</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>30</i>
Convert Paper Sizes	<p>The machine automatically resizes data as selected paper size.</p> <ul style="list-style-type: none"> • Off • LTR/LGR → A4/A3 • A4/A3 → LTR/LGR <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>Off</i>

List Print

Menu	Description
PS Font List	You can print a list of installed PS fonts.
PCL Font List	You can print a list of installed PCL fonts.
PS Demo Page	You can print a PS Demo Page.
PCL Demo Page	You can print a PCL Demo Page.
Configuration Page	You can print a page describing the printer configuration.
Disk Directory List	You can print a list of Disk Directory.
User Error Log List	You can print a list of user error.

Reset Select

Menu	Description
Job Reset	You can cancel the print job currently being processed.
Menu Reset	<p>You can cancel the print job and restore some of the menu parameters to their factory defaults.</p> <p> Note</p> <p><input type="checkbox"/> The following parameters do not change back to their factory defaults:</p> <ul style="list-style-type: none"> • Bi-direction • TCP/IP Settings
Printer Restart	You can restart the printer.
Clear User Code Job Pages Count	<p>You can clear the user code log.</p> <p> Note</p> <p><input type="checkbox"/> If the key operator code has been set, entering the key operator code is required.</p>

Printer Condition

We recommend that you print the configuration page and check its settings, before changing settings of the machine.

1 Press **[User Tools/Counter]** on the control panel.

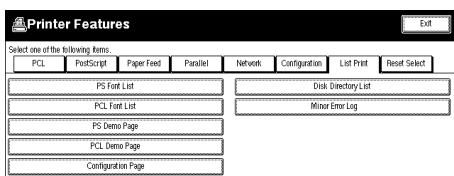
The User Tools/Counter menu appears.

2 Press **[Printer Features]**.

The Printer Features menu appears.

3 Press **[List Print]**.

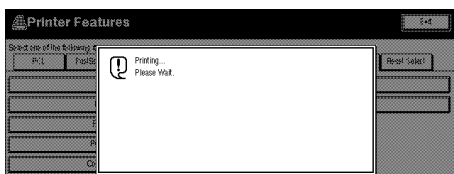
The following screen appears on the display panel.



4 Press **[Configuration Page]**.

The following screen appears on the display panel.

The configuration page starts printing.



Adjusting System Settings

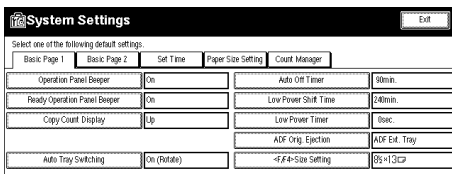
Accessing the System Settings

1 Press **[User Tools/Counter]**.

The User Tools/Counter menu appears.

2 Press **[System Settings]**.

The following screen appears on the display panel.



3 Select the desired menu you want to change.

4 Change the settings by following the instructions on the display panel. Then press **[OK]**.

⇒ p.36 “System Settings Parameters”

Note

- [OK]**: Press to set the new settings and return to the previous menu.
- [Cancel]**: Press to return to the previous menu without changing any setting.

Exiting the User Tools

1 After changing system settings, press **[Exit]** to return to the “User Tools/Counter”.

2 Press **[Exit]**.

Note

- You can also exit the User Tools/Counter by pressing **[User Tools/Counter]**.


System Settings Parameters

This section contains the information about the parameters used only for the printer.




Reference





For more information about the other parameters in the System Settings menu, see the “System Settings” manual.

Basic Page 1

Menu	Description
Auto Off Timer	<p>The machine turns itself off automatically to conserve energy after your job is finished, after the selected time. This function is called “Auto Off”. The time can be set from 1 to 240 minutes.</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>90min.</i> <input type="checkbox"/> Auto Off might not be effective when an error message is displayed. <input type="checkbox"/> To return to the ready condition from Auto Off, the machine requires the same warm-up time as the time for becoming ready after its power is turned on.

Basic Page 2

Menu	Description
System Reset	<p>If no operation is performed for a selected time, the machine will automatically return to initially selected display. This function is called “System Reset”. You can set the time between 10 and 999 seconds.</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>60 seconds</i>
Function Priority	<p>You can specify the mode that is displayed when the operation switch is turned on or System Reset is activated.</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>Copy</i> <p> Reference</p> <p>See “System Reset”.</p>


Menu	Description
Output Priority	<p>You can select the output priority for each mode.</p> <ul style="list-style-type: none"> • Display: Output priority is given to the mode shown on the display panel. • Interleave: Makes use of the Multi-access function to print jobs in the order in which they are initiated regardless of mode/function. • Copy/Document Server: Output priority is given to the Copy and Document Server function. • Printer: Output priority is given to the printer function. <p> Note</p> <p><input type="checkbox"/> Default: <i>Display</i></p>
Copier/Document Server Output Tray	<p>You can specify to which tray copies are delivered.</p> <p> Note</p> <p><input type="checkbox"/> You can select from the “Copy tray”, “Finisher Shift Tray” or “Finisher Proof Tray”.</p> <p><input type="checkbox"/> Without the optional finisher installed, “Copy tray” is the only output tray that can be used.</p>
Printer Output Tray	<p>You can select a tray which documents are delivered.</p> <ul style="list-style-type: none"> • Finisher Shift Tray • Finisher Proof Tray <p> Note</p> <p><input type="checkbox"/> Default: <i>Finisher Shift Tray</i></p> <p><input type="checkbox"/> The output tray may be different depending on the functional setting and the setting of the printer driver.</p>
Interleave Print	<p>You can set the maximum output quantity using the interleave print when “Output Priority” is set to “Interleave”.</p> <p>1–20</p> <p> Note</p> <p><input type="checkbox"/> Default: <i>Ap. 10 Cop.</i></p> <p><input type="checkbox"/> This setting may be different from your setting depending on the status of the print job.</p>

Set Time

If a key operator code (up to 8 digits) has been set, you should enter the code when entering Set Time mode.


Reference

For more information about key operator code, see the “System Settings” manual.

Menu	Description
Key Operator Code for Off Setting	<p>Set a key operator code (up to 8 digits) to temporarily cancel the power off setting of the weekly timer.</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> When the weekly timers are set and operation switch is off, you can still use the machine by doing one of the following: <ul style="list-style-type: none"> • If the key operator code is set, turn on the operation switch and enter the code. • If the key operator code is not set, just turn on the operation switch.

4

Paper Size Setting


Menu	Description
Paper Tray Priority	<p>You can select the paper tray which will be selected as a default in the following conditions:</p> <ul style="list-style-type: none"> • When the operation switch is turned on. • When System Reset or Auto Reset mode is turned on. • When the 【Clear Modes/Energy Saver】 key is pressed. • When Auto Paper Select mode is selected. <div style="text-align: center; border: 1px solid black; padding: 10px; margin: 10px 0;"> </div> <p style="text-align: right; font-size: small; margin-top: 0;">GCTRAY0E</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <ul style="list-style-type: none"> • Machine with LCT : <i>LCT</i> • Machine without LCT : <i>Tray 1</i> <input type="checkbox"/> Large capacity tray (LCT) is optional.

Count Manager

When entering Count Manager mode, if a key operator code has already been set, you must enter the code (up to 8 digits).

Reference

For more information about key operator code, see the “System Settings” manual.

Menu	Description
Key Operator Code	<p>If you select “Yes”, only operators who know the key operator code (up to 8 digits) can access the User Tools (System Settings and Copy/Document Server Features).</p> <p> Note</p> <ul style="list-style-type: none"> <input type="checkbox"/> Default: <i>No</i> <input type="checkbox"/> If you select “Yes”, you should register the key operator code and specify whether to set the key operator code on the part or all of the default settings of the User Tools (System Settings and Copy/Document Server Features). <ul style="list-style-type: none"> • If you select “Part”, the key operator code is set on “Set Time” and “Count Manager” of the User Tools (System Settings and Copy/Document Server Features). • If you select “All default settings”, the key operator code is set on the all of the default settings of the User Tools (System Settings and Copy/Document Server Features).

Tray Paper Settings

You can set the types and size of the paper set in the paper tray and make them indicated.

You can set with the following steps.

- ① Paper Type
- ② Paper Color ^{*1} (Only for “Special Paper” or “Thick Paper”)
- ③ Slip Sheet Copy In Duplex Mode (Only for “Normal”, “Recycled Paper” or “Special Paper”)
- ④ Paper Size (Only for Tray 2 and Tray 3)

^{*1} Paper Color can not be set from the printer driver, and you can not confirm the Paper Color from the printer driver.

Reference

For more information about “Tray Paper Settings”, see the “Copy Reference” and the “System Settings” manuals.

Printing with the Control Panel

Using the Sample Print

Use this function to print only one printing of a multiple print job. The other printings are saved in the machine. The saved job can be printed from the machine's control panel. You can also delete the saved job, change quantity of sets and move to "Document Server" function.

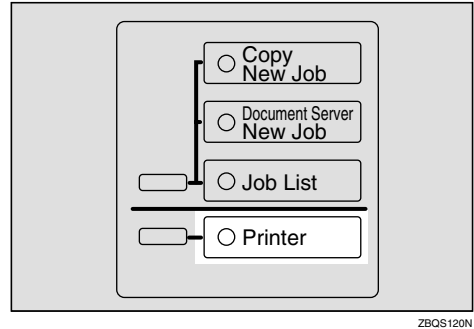
4

Note

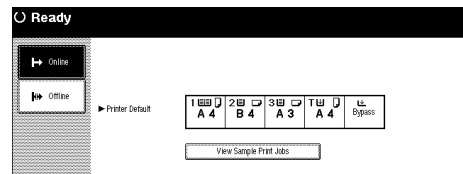
- ❑ If the application has a collate option, confirm that it is not selected before sending a print job. By default, sample print jobs are automatically collated by the printer driver. If the collate option is selected from the application's **[Print]** dialog box, more copy printings than intended may be printed.
- ❑ You can identify the file you want to print by the User IDs and the time when the job was stored.
- ❑ The actual number of pages the machine can save depends on the contents of the print images. As an example, the machine can save up to 30 jobs. 1,000 pages of one print job and total 3,000 pages of all print jobs can be saved. It depends on the data volume.
- ❑ If you print the remaining printings of saved job file, its data in the machine is deleted automatically.
- ❑ "Sample Print" is not supported by PostScript printer driver under Windows 2000/XP.

Printing a Sample Print file

1 Press **[Printer]**.

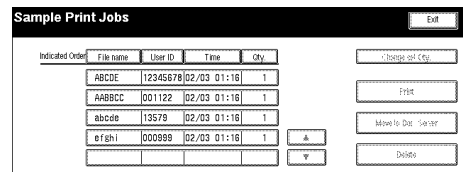


The following screen appears on the display panel.



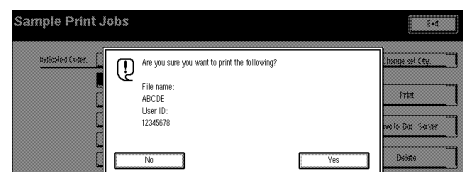
2 Confirm that printer is online, then press **[View Sample Print Jobs]**.

The following screen appears on the display panel.



3 Select a file you want to print, and then press **[Print]**.

The following screen appears on the display panel.



4 Press **[Yes]** to print the file.

Deleting a Sample Print file

If the printed document is not what you expected, you can delete the sample print file.

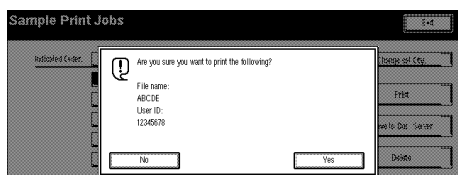
1 Press **[Printer]**.

The Ready message appears.

2 After confirming that the printer is online, press **[View Sample Print Jobs]**.

3 Select the file you want to delete, and then press **[Delete]**.

The following message appears on the display panel.



4 Press **[Yes]** to delete the file.

Changing the quantity

If you want to change the quantity of copies of sample print file, follow the procedure below.

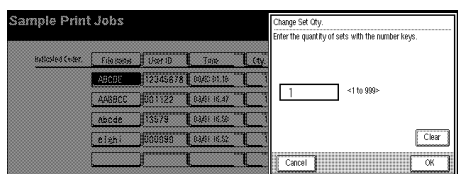
1 Press **[Printer]**.

The Ready message appears.

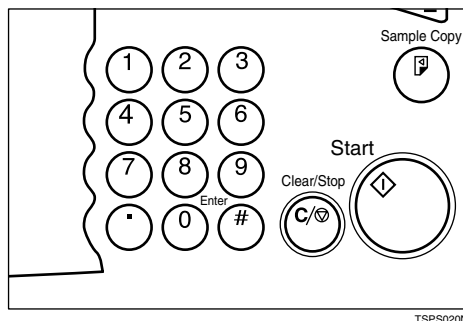
2 After confirming that the printer is online, press **[View Sample Print Jobs]**.

3 Select the file you want to change quantity, and then press **[Change Set Qty.]**.

The following screen appears on the display panel.



4 Enter the numerical value with the number keys.



5 Press **[OK]**.

Moving the file to the Document Server

You can move the sample print file to the Document Server, and can arrange the file by using the Document Server function.

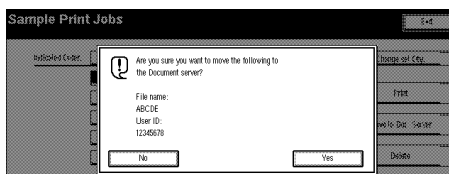
1 Press **[Printer]**.

The Ready message appears.

2 After confirming that the printer is online, press **[View Sample Print Jobs]**.

3 Select the file you want to move, and then press **[Move To Doc. Server]**.

The following message appears on the display panel.



4 Press **[Yes]** to move the file to the Document Server.

Using the Locked Print

Use this function to maintain privacy when printing confidential documents on the machine over a shared network. Usually, it is possible to print data by using the control panel once the data is stored in this machine. When using Locked Print, it will not be possible to print unless a password is entered on the machine's control panel. Your confidential documents will be safe from viewing by other people.

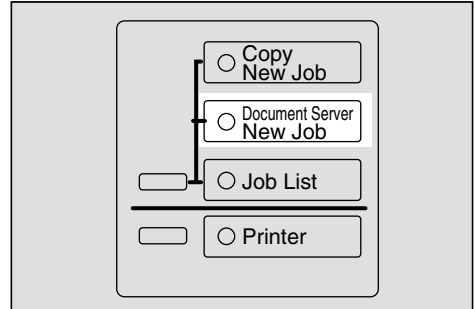
4

Note

- If the application has a collate option, make sure that it is not selected before sending a print job. By default, locked print jobs are automatically collated by the printer driver. If a collate option is selected from the application print dialog box, more sets than intended may be printed.
- You can identify the file you want to print by the User ID and the date and time when the job was stored.
- The number of pages the machine can save depends on the contents of the print image. For example, the machine can save up to 30 jobs or 2,000 pages including sample print files depending on data volume.
- After the locked print file is printed, the job in the machine is deleted automatically.
- Turning off the main power switch of the machine deletes the locked print file.

Printing a Locked Print file

- 1** Press **[Document Server New Job]**.



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A list of the files stored in the Document Server is Displayed.

- 2** Select the file you want to print, and then press **[Print]**.

Note

- The locked print files are displayed with the "Key" mark.
- The password screen is displayed.

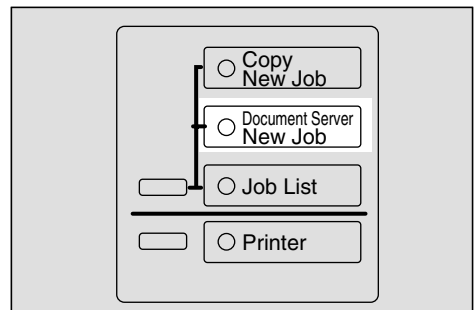
- 3** Enter the password using the number keys and press **[OK]**.

- 4** Press **[Yes]** to print the file.

Deleting a Locked Print file

If the printed document is not what you expected, you can delete the Locked print file.

- 1** Press **[Document Server New Job]**.



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A list of the print files stored in the Document Server is displayed.

2 Select the file you want to delete, and then press **[Delete]**.

 **Note**

- The locked print files are displayed with the “Key” mark.

The password screen is displayed.

3 Enter the password using the number keys and press **[OK]**.

4 Press **[Yes]** to delete the file.

Accessing the Document Server

The Document Server enables you to save documents in the machine memory and then edit and print them as you want.

For more information about the Document Server function, see the “Copy Reference” manual.

This section describes how to access to Document Server from the computer as a print job.

 **Note**

- When you use the Document Server, the following settings must be selected using machine's control panel.

- Copies
- Collate
- Duplex
- Punch
- Staple
- Paper Source
- Output Tray

- Above items are grayed out, so you cannot set them from the printer properties when the Document Server is selected.

- You must enter User ID up to eight alphanumeric characters.

- You had better enter Password and File Name to distinguish the job from others.

- The actual number of pages the machine can save depends on the contents of the print images. As an example, the machine can save up to 250 jobs in the Document Server function. 1,000 pages of one print job can be saved. It depends on the data volume.

Accessing the Document Server from the Printer Properties

1 On the **[File]** menu of the application you use, click **[Print]**.

The **[Print]** dialog box appears.

2 Select the printer you want to use in the **[Name]** list box, and then click **[Properties]**.

The **[Printer Properties]** dialog box appears.

3 In the **[Job Log]** tab, select the **[Document Server]** in the **[Job Type:]** list box.

4 Enter **[User ID:]** up to eight alphanumeric characters.

5 Enter the **[Password]** up to four digits, and **[File Name]** up to eight alphanumeric characters in the **[Statistics]** tab.

6 Press [OK].

 **Reference**

For more information about following settings and details of Document Server, see the “Copy Reference” manual.

- Copies
- Collate
- Duplex
- Punch
- Staple
- Paper Source
- Output Tray

Staple and Punch Position











Staple and Punch Position

The following tables show the sample of outputs of staple and punch positions.




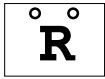

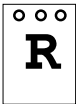
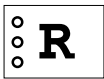



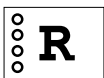
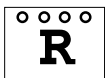


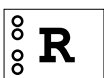
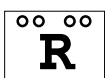
 **Note**

- Outputs of staple and punch depends on paper size, paper type, number of pages and feed direction.

◆ **Staple**

Staple Setting	Portrait	Landscape
Upper Left Slant		
Upper Left Vertical		
Upper Left Horizontal		
Left 2		
Upper 2		

◆ Punch

Punch Setting	Portrait		Landscape	
	Left	Top	Left	Top
2 holes ^{*1}				
3 holes ^{*2}				
4 holes Type E ^{*3}				
4 holes Type NE ^{*3}				




^{*1} Available for metric and inch version.

^{*2} Available for inch version only.

^{*3} Available for metric version only.

Specifications

This section contains the electrical and hardware specifications for the printer, including the information about the options.

Component	Specification
Resolution	600dpi ; PCL 5e, PCL 6, PostScript 3 300dpi ; PCL 5e
Printing Speed	55ppm (A4  , 8 1/2" x 11" )
Parallel Interface	Standard 36-pin printer cable and a parallel port on the host computer. IEEE1284  Note <input type="checkbox"/> Do not use a parallel cable that is longer than 3 meters (10 feet).
Printer Language	PCL 5e , PCL 6 PostScript 3 (option)
Fonts	PCL 5e, PCL 6 35 Intellifonts, 10 Truetype fonts, and 1 Bitmap font Font Manager available. PostScript 3 136 Adobe Type 1 fonts
Memory	Standard : 32MB Optional SDRAM : 32MB, 64MB, 128MB
Hard Disk	Storage capacity : 6GB or more
Operation Systems supported by this printer	Windows 95/98/Me Windows 2000/XP Windows NT 4.0 Mac OS 8.6 to 9.2 Mac OS X
Network	Topology : Ethernet 10BASE-T/100BASE-TX Protocol : TCP/IP, IPX/SPX, AppleTalk
Network Cable	10BASE-T/100BASE-TX shielded twisted-pair (STP, Category/Type5) cable.

Options

Network Interface Board Type 450-E

- ❖ **Topology:**
Ethernet (10BaseT/100BaseTX)
- ❖ **Protocols:**
TCP/IP, IPX/SPX, AppleTalk
- ❖ **Interface Connector:**
RJ45
- ❖ **Required Cable:**
STP (Shielded Twisted-Pair) cable
Category/Type5 or better
*A cable is not provided with this option.

Hard Disk Drive

- ❖ **Storage Capacity**
6 GB or more
 - You will be able to install the PostScript fonts with this optional Hard Disk Drive.

Memory Unit

- ❖ **Module Type:**
DIMM (Dual-in-line Memory Module)
- ❖ **Memory Type:**
SDRAM (Synchronous Dynamic RAM)
- ❖ **Number of Pins**
168 pins
- ❖ **Compatible:**
PC100 compatible

PostScript 3 Kit Type 700

- ❖ **Module Type:**
SO-DIMM (Small Outline Dual-in-line Memory Module)

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Note to users in the United States of America

Notice:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Warning

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

Caution :

Properly shielded and grounded cables (STP) and connectors must be used for connections to host computer (and/or peripheral) in order to meet FCC emission limits.

STP with ferrite core must be used for RF interference suppression.

Declaration of Conformity

Product Name: Printer Controller

Model Number: Type 1055

Responsible party: Ricoh Corporation

Address: 5 Dedrick Place, West Caldwell, NJ 07006

Telephone number: 973-882-2000

This device complies with part 15 of FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Note to users in Canada

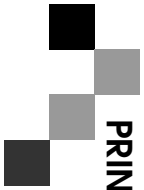
Note:

This Class B digital apparatus complies with Canadian ICES-003.

Remarque concernant les utilisateurs au Canada

Avertissement:

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.



PRINTER Controller Type 1055 Operating Instructions PRINTER REFERENCE 2 (option)