PRINTER Controller Type 700

Operating Instructions PRINTER REFERENCE 2 (option)



Read this manual carefully before you use this product and keep it handy for future reference.

For safety, please follow the instructions in this manual.

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

Parts 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.

Trademarks

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PostScript[®] and Acrobat[®] are registered trademarks of Adobe System Incorporated.

PCL® is a registered trademark of Hewlett-Packard Company.

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

IPS-PRINT[™] Printer Language Emulation[©] Copyright 1999 - 2000, XIONICS DOCUMENT TECHNOL-OGIES, INC., All Rights Reserved.

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 might be slightly different from your machine.

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

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.

ENERGY STAR Program



As an ENERGY STAR Partner, we have determined that this machine model meets the ENER-GY STAR Guidelines for energy efficiency.

The ENERGY STAR Guidelines intend to establish an international energy-saving system for developing and introducing energy-efficient office equipment to deal with environmental issues, such as global warming.

When a product meets the ENERGY STAR Guidelines for energy efficiency, the Partner shall place the ENERGY STAR logo onto the machine model.

This product was designed to reduce the environmental impact associated with office equipment by means of energy-saving features, such as Low-power mode.

• Low Power mode

This product automatically lowers its power consumption 15 minutes after the last copy or print job has finished. Printing is still possible in Low-power mode, but if you wish to make copies press the **[Clear Modes/Energy Saver]** key first.

For how to change the default interval that the machine waits before entering Low-power mode, see "Low Power Shift Time" in the "System Settings".

• Sleep Mode

If the printer features are installed, this product automatically lowers its power consumption even further 90 minutues after the last copy or print job has finished. Printing is still possible in Sleep mode, but if you wish to make copies press the operation switch first.

For how to change the default interval that the machine waits before entering Sleep mode, see "Auto Off mode" in the "System Settings".

• Auto Off mode

If the printer feature is not installed, this product automatically turns itself off 90 minutes after the last copy or print job has finished. If you wish to make copies when the machine is in Auto Off mode, press the operation switch. For how to change the default interval that the machine waits before entering Auto Off mode, see "Auto Off Timer" in the "System Settings".

• Duplex Priority (Optional Duplex Tray Required)

To conserve paper resources, the Duplex function (1-Sided \rightarrow 2-Sided) is selected preferentially when you turn on the operation switch or the main power switch, press the **[Clear Modes/Energy Saver]** key, or when the machine resets itself automatically.

For how to turn Duplex Priority mode on or off, see "Duplex Mode Priority" in the "Copy Reference".

Specification

		Copy feature		Printer i	nstalled
		Type 1 *1	Type 2 *1	Type 1 *1	Type2 *1
Low Power mode	Power con- sumption	213 W	236 W	231 W	254 W
	Default Time	15 minutes		15 mi	nutes
	Recovery Time	25 seconds or less	10 seconds or less	25 seconds or less	10 seconds or less
Sleep Mode	Power con- sumption			28	W
	Default Time	-		90 mi	nutes
Auto Off mode	Power con- sumption	28 W		28	W
	Default Time	90 minutes		90 mi	nutes

 $^{\ast 1}$ See the "System Settings" to confirm which machine (Type 1 or Type 2) you have.

Duplex Priori-	1 Sided→1 Sided
ty	

Recycled Paper

In accordance with the ENERGY STAR Program, we recommend use of recycled paper which is environment friendly.Please contact your sales representative for recommended paper.

How to Read This Manual

Symbols

In this manual, the following symbols are used:

A WARNING:

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

A 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.

]

This symbol indicates a reference.

[

Keys that appear on the machine's panel display.

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

[]

Keys built into the machine's operation panel. Keys on the computer's keyboard.

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1. Uninstalling the Printer Driver and Software

Uninstalling the PCL 6/5e Printer Driver

This section describes how to uninstall the printer driver. The actual procedure may differ depending on the operating system.

Follow the appropriate procedure.

Windows 95/98 - Uninstalling the PCL 6/5e 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 printer you want to remove.
- On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.

Windows 2000 - Uninstalling the PCL 6/5e 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 click [Printers]. The [Printers] window appears.
- **3** Click the icon of the printer you want to remove.
- On the [File] menu, click [Delete].

A confirmation dialog box appears.

Click [Yes] to uninstall the printer driver.

Windows NT 4.0 - Uninstalling the PCL 6/5e 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 the applications that are currently running.
- **2** Click [Start] on the taskbar, point to [Settings], and click [Printers]. The [Printers] window appears.
- **1** Click the icon of the printer you want to remove.

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

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.

Uninstalling the PostScript Printer Driver

This section describes instructions for uninstalling the PostScript printer driver. The actual procedure may differ depending on the operating system. Follow the appropriate one of the following procedures below.

Windows 95/98 - Uninstalling the PostScript Printer Driver

- **U** 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 printer you want to remove.
- On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click **[Yes]** to uninstall the printer driver.

Windows 2000 - Uninstalling the PostScript 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 click [Printers]. The [Printers] window appears.
- **E** Click the icon of the printer you want to remove.
- On the [File] menu, click [Delete].

A confirmation dialog box appears.

5 Click [Yes] to uninstall the printer driver.

Windows NT 4.0 - Uninstalling the PostScript 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 printer you want to remove.

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

A confirmation dialog box appears.

Click [Yes] to uninstall the printer driver.

Macintosh - Uninstalling the PostScript Printer Driver

Delete the "PPD" file inside the [Printer Description] folder in the [Extensions] folder in [System Folder].

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

PCL 6/5e - Accessing the Printer Properties

Windows 95/98 - Accessing the Printer Properties

There are two methods you can use to open the Printer Properties.

Making printer default settings

To make the printer default settings, first open the Printer Properties from the **[Printers]** window.

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

- **2** Click the icon of the printer whose default settings you want to change.
- On the [File] menu, click [Properties].

The Printer Properties appear.

Set desired settings and click [OK].

Making printer settings from an application

To make the printer settings for a specific application, open the Printer Properties from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95/98.

🖉 Note

- The actual procedures you should follow to open the Printer Properties may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- □ When you use some applications, the driver's initial default settings of the applications might be applied over the printer driver's setting.
- □ Any settings you make in the following procedure are valid for the current application only.

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

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

2 From the [Name:] list, select the printer you want to use, and then click [Properties].

The Printer Properties appear.

Set desired settings and click [OK].

Click [OK] to start your printing.

Windows 2000 - Accessing the Printer Properties

Making printer default settings - Printer Properties

Limitation

Changing the setting of the printer 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.

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

2 Click the icon of the printer whose default setting you want to change.

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

The Printer Properties appear.

Set desired settings and click [OK].

🖉 Note

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

Making printer default settings – Printing Preferences Properties

Limitation

- Changing the setting of the printer 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.
- Click [Start] on the taskbar, point to [Settings], and then click [Printers]. The [Printers] window appears.
- **2** Click the icon of the printer whose default settings you want to change.

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

The Printing Preferences Properties appears.

Set desired settings and click [OK].

🖉 Note

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

Making printer settings from an application

To make the printer settings for a specific application, open the Printing Preferences Properties from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000.

🖉 Note

- □ The actual procedures you should follow to open the Printing Preferences Properties may differ 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.
- On the [File] menu, click [Print...].

The [Print] dialog box appears.

2 Select the printer you want to use in the [Select Printer] box.

E Set desired settings and click [Apply] to start your printing..

Windows NT 4.0 - Accessing the Printer Properties

Making printer default settings - Printer Properties

Limitation

- Changing the settings of the printer 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.
- Click [Start] on the taskbar, point to [Settings], and then click [Printers]. The [Printers] window appears.
- **2** Click the icon of the printer whose default setting you want to change.
- On the [File] menu, click [Properties].

The Printer Properties appear.

Set desired settings and click [OK].

🖉 Note

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

Making printer default settings - Default Document Properties

Limitation

- Changing the settings of the printer 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.
- Click [Start] on the taskbar, point to [Settings], and then click [Printers]. The [Printers] window appears.
- **2** Click the icon of the printer whose default settings you want to change.

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

The Default Document Properties appears.

Set desired settings and click [OK].

🖉 Note

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

Making printer settings from an application

To make the printer settings for a specific application, open the Document Properties 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 Document Properties may differ 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.

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

The [Print] dialog box appears.

2 From the [Name:] list, select the printer you want to use, and then click [Properties].

The Document Properties appears.

- **B** Set desired settings and click [OK].
- Click [OK] to start your printing.

PostScript - Setting Up for Printing

Windows 95/98 - Accessing the Printer Properties

There are two methods you can use to open the Printer Properties.

Making printer default settings

To make the printer default settings, first open the Printer Properties from the **[Printers]** window.

- Click [Start] on the taskbar, point to [Settings], and then click [Printers]. The [Printers] window appears.
- **2** Click the icon of the printer whose default settings you want to change.
- On the [File] menu, click [Properties].

The Printer Properties appear.

Set desired settings and click [OK].

Making printer settings from an application

To make the printer settings for a specific application, open the Printer Properties from that application. The following example describes how to make settings for the WordPad application that comes with Windows 95.

🖉 Note

- The actual procedures you should follow to open the Printer Properties may differ depending on the application. For more information, see the documentation that comes with the application you are using.
- When you use some applications, the driver's initial default settings of the applications might be applied over the printer driver's setting.
- □ Any settings you make in the following procedure are valid for the current application only.

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

The [Print] dialog box appears.

2 From the [Name:] box, select the printer you want to use, and then click [Properties].

The Printer Properties appear.

- **3** Set desired settings and click [OK].
- Click [OK] to start printing.

Windows 2000 - Accessing the Printer Properties

Making printer default settings - Printer Properties

Limitation

- Changing the setting of the printer 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.
- Click [Start] on the taskbar, point to [Settings], and then click [Printers]. The [Printers] window appears.

2 Click the icon of the printer whose default setting you want to change.

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

The Printer Properties appear.

Set desired settings and click [OK].

🖉 Note

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

Making printer default settings – Printing Preferences Properties

Limitation

□ Changing the setting of the printer 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.

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

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

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

The Printing Preferences Properties appears.

Set desired settings and click [OK].

🔗 Note

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

Making printer settings from an application

To make the printer settings for a specific application, open the Printing Preferences Properties from that application. The following example describes how to make settings for the WordPad application that comes with Windows 2000.

🖉 Note

- □ The actual procedures you should follow to open the Printing Preferences Properties may differ 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.

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

The [Print] dialog box appears.

Select the printer you want to use in the [Select Printer] box.

B Set desired settings and click [Print] to start your printing.

Click [OK] to start your printing.

Windows NT 4.0 - Accessing the Printer Properties

Making printer default settings - Printer Properties

Limitation

Changing the settings of the printer 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.

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

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

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

The Printer Properties appear.

Set desired settings and click [OK].

🖉 Note

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

2

Making printer default settings - Default Document Properties

Limitation

- Changing the settings of the printer 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.
- Click [Start] on the taskbar, point to [Settings], and then click [Printers]. The [Printers] window appears.
- **2** Click the icon of the printer whose default settings you want to change.

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

The Default Document Properties appears.

Set desired settings and click [OK].

Note 🖉

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

Making printer settings from an application

To make the printer settings for a specific application, open the Document Properties 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 Document Properties may differ 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.

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

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

2 From the [Name:] box, select the printer you want to use, and then click [Properties].

The Document Properties appears.

- **B** Set desired settings and click [OK].
- 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]. [AdobePS Page Setup] appears. **3** Confirm that the printer you want to use is shown in the [Format for:] box. Note 🖉 □ If the printer is not shown in the **[Format for:]** box, use the pop-up menu to display a list of available printers. ^PReference 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. From the [Paper:] box, select the paper size. **5** Set desired settings and 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 Printer Settings appears. **3** Confirm that the printer is selected in the [Printer:] box.
- Set desired settings and click [Print].

Canceling a Print Job

Windows 95/98 - Canceling a Print Job

- **Double-click the printer icon on the taskbar.** This opens a window that shows all the print jobs that are currently queued for printing. Check the current status of the job you want to cancel.
- **2** Select the name of the job you want to cancel.
- On the [Document] menu, click [Cancel Printing].
 - Note
 - □ You can also open the print job queue window by double-clicking the printer icon in the **[Printers]** window.

Press [Printer] on the operation panel.

5 Press [Offline] on the panel display.

D Press [Job Reset] on the panel display.

The message appears on the panel display indicating that the print job is being canceled.

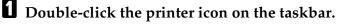
∰Important

When the printer is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

🖉 Note

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

Windows 2000 - Canceling a Print Job



This opens a window that shows all the print jobs that are currently queued for printing. Check the current status of the job you want to cancel.

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

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

🔗 Note

□ You can also open the print job queue window by double-clicking the printer icon in the **[Printers]** window.



Press [Printer] on the operation panel.

Press [Offline] on the panel display.

O Press **[Job Reset]** on the operation panel.

The message appears on the panel display indicating that the print job is being canceled.

Important

When the printer is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

🖉 Note

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

Windows NT 4.0 - Canceling a Print Job

1 Double-click the printer icon on the taskbar.

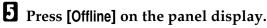
This opens a window that shows all the print jobs that are currently queued for printing. Check the current status of the job you want to cancel.

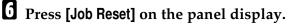
2 Select the name of the job you want to cancel.

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

🖉 Note

- □ You can also open the print job queue window by double-clicking the printer icon in the **[Printers]** window.
- Press [Printer] on the operation panel.





The message appears on the panel display indicating that the print job is being canceled.

#Important

When the printer is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

🖉 Note

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

Macintosh - Canceling a Print Job

1 Double-click the printer icon on the desktop.

This opens a window that shows all the print jobs that are currently queued for printing. Check the current status of the job you want to cancel.

- **2** Select the name of the job you want to cancel.
- **3** Click the pause icon, and then click the trash icon.
- Press [Printer] on the operation panel.
- **5** Press [Offline] on the panel display.
- **1** Press [Job Reset] on the panel display.

The message appears on the panel display indicating that the print job is being canceled.

∰Important

□ When the printer is being shared by multiple computers, be careful not to accidentally cancel someone else's print job.

🖉 Note

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

3. Troubleshooting

Error & Status Messages on the Operation Panel

Messages	Description	Comments
Add staples.	The staples are running out, even though stapling will continue.	This message remains while the printer is in the staple mode.
An unformatted disk was detected. Are you	When the power was turned on, an unformatted hard	To format the hard disk, touch the [Yes] key.
sure want to format the disk?	disk was detected by the controller.	To cancel formatting and switch the machine to the online mode, touch the [No] key.
		 Note 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 re- ceptacle	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 can- celled.	The total number of sample print jobs or pages exceed the maximum number of 30.	Press [Exit] . Delete some un- necessary data from the list of "Sample Print Jobs". When a length of time passes without any key pressed, the print job will be canceled au- tomatically.

Messages	Description	Comments
File error.Print job download has been can-	An error occurred while ac- cessing files.	Press [Exit] to cancel the print job.
celled.		When a length of time passes without any key pressed the print job will be canceled au- tomatically.
Formatting the disk	The hard disk is being for- matted.	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 appears again, contact your sales or service representa- tive.
Functional Problems SC2001	A controller exception error occurred in the printer con- troller.	Turn the main switch off, and then back on. If the error appears again, contact your sales or service representa- tive. 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 appears again, contact your sales or service representa- tive. 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.

Messages	Description	Comments
Load <xxx> <yyy> pa- per in <zzz>, or select another tray and press [Continue]. Press [Reset] to cancel current job.</zzz></yyy></xxx>	The selected input tray is empty.	Put the selected paper in the selected input tray, and the print job will be resumed au- tomatically, or select another tray to print by pressing one of the tray 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 au- tomatically.
		<xxx>: Paper size</xxx>
		<yyy>: Media Type</yyy>
		<zzz>: Tray</zzz>
Memory Error. Only 1 set can be output.	An Engine HDD error oc- curred in the collate opera- tion.	The print job can be complet- ed with only one set of the document.
		This message remains until the next print job begins.
Memory is full.Print job download has been can- celled.	The document server mem- ory is full and cannot receive the data from the printer. The job will be canceled.	Delete some unnecessary data from the document server.
Memory overflow.	Memory overflow occurred	Press [Reset] to cancel cur-
Press [Reset] to cancel current job.	during the print job. After a part of the data on the page is printed, the print job is suspended. This is because the emula-	rent job. When a length of time passes without any key pressed, the print job will be canceled au- tomatically.
	tion 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.	To print the image correctly, add memory to the machine. This message remains until the next print job.

Messages	Description	Comments
Network failure. Network communica- tion is not available. Check the Network set- ting.	Network communication is not available. Installed Network Interface Board fails to connect cor- rectly 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 con- nection.
Network Interface Board Firmware down- loading	Network Interface Board firmware is being down- loaded.	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 out- put tray, and the print job will be resumed automati- cally. ***: Output tray
Paper left in Duplex Tray. Open Duplex Tray and remove paper.	Paper will remain in the du- plex tray, when a new du- plex 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 re- move paper.	Paper will remain in the sta- ple tray, when the stapling job is canceled or a new sta- pling job is started.	Remove the paper from the staple tray, and the print job will be resumed automatically.
Paper misfeed has inter- rupted 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
Paper mismatch. Load <xxx> <yyy> paper in <zzz>, or select another tray and press [Continue]. Press [Reset] to cancel current job.</zzz></yyy></xxx>	The paper size selected from the host is not set in any trays, when the tray selec- tion is set to "Auto Tray Switching".	Put the correct paper in the tray, and change the setting of the tray using control pan- el. Press [Continue] to continue the print job using the incor- rect paper. When a length of time passes without any key pressed, the print job will be canceled au- tomatically.
Paper mismatch. Load <xxx> <yyy> paper in <zzz>, or select another tray and press [Continue]. Press [Reset] to cancel current job.</zzz></yyy></xxx>	There is no selected paper in the selected input tray, al- though the paper size has been set from the host. The actual paper size and in- put tray are different from those selected from the host.	Put the correct paper in the tray, and change the setting of the tray using the opera- tion panel. Press [Continue] to continue the print job using the incor- rect paper. When a length of time passes without any key pressed, the print job will be canceled au- tomatically.
Parallel Communica- tion Error. Please set up communi- cation parameters in parallel menu. Press [Reset] to cancel current job. Please open the bypass tray.	A parallel communication error has occurred during the print job via the parallel port. The bypass tray is not open.	Press [Reset] to cancel the current job, and check the parallel communication set- tings again. Open the bypass tray.
Please wait.	The printer is warming up	Put the selected paper in the bypass tray, and the print job will be resumed automati- cally. Press [Exit] to cancel the cur- rent job if you want. Wait for the machine to get
	or processing internally.	ready.

Messages	Description	Comments
Print overrun. Press [Reset] to cancel current jib, or press [Con- tinue] to print.	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.	Press [Continue] to ignore this error, and the print job will be resumed. Press [Reset] to cancel the print job. When a length of time passes without any key pressed the
		without any key pressed, the print job will be canceled au- tomatically. To print the image correctly, add memory to the machine, or reduce the resolution of the image and re-send the print job.
Printer HDD Error. Printer HDD cannot be used.	A Printer HDD error is de- tected while the power is on.	Press [Continue] after con- firming the error, and the printer will start without the Printer HDD capability.
Printer HDD Error.	A Printer HDD error is de- tected while a macro or font	Press [Reset] to cancel the current job.
Press [Reset] to cancel current job.	is being downloaded from the host to the printer con- troller.	If the error often appears, change the Printer HDD. Contact your sales or service representative.
Printer HDD is full.	A Printer HDD becomes full while downloading a macro	Press [Reset] to cancel the operation.
Press [Reset] to cancel current job.	or font from the host to the printer controller.	When a length of time passes without any key pressed, the operation will be canceled automatically.
		To execute the operation cor- rectly, 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 Of- fline 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 format- ting again.
		If this message appears again, change the hard disk. Contact your sales or service representative.

Messages	Description	Comments
The disk was formatted successfully.	The hard disk has been for- matted successfully.	Turn the main switch off, and then back on.
Turn machine off then on again to restart.		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 tray 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 au- tomatically.
*** 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 re- sumed automatically. ***: Input tray

Machine Does not Print

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 one. 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 be- fore turning on the main switch.
Is the machine Online?	Bring it Online by touching the [Online] key.
Is the specified paper set?	Set the specified paper in any of the input trays.
Are there any error messages on the panel display?	Check the error message, and take the re- quired action.
Does the indicator above the Printer key stay red?	Check the error message, and take the re- quired action.
Is the Data-in Indicator blinking or lit?	If it is not, the data does not reach the ma- chine. 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 con- nection.
	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 repre- sentative.

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 rec- ommended paper. Avoid using curled, folded, or wrinkled paper, perforated pa- per, or glossy paper.
An operation panel error message stays on after removing the misfed paper.	A paper misfeed message will remain un- til 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 re- quires more time for warming up and re- suming 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, NT 4.0 : The computer does not recognize the in- stalled 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 Operation 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 printer operations. "Printer Features" settings you make are retained even when you turn off the printer.

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

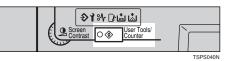
You can select functions in the following table.

Category	Function Menu
PCL⇒ P.30	Orientation
	Form Length
	Font Source
	Font Number
	Point Size
	Font Pitch
	Symbol Set
$PostScript \Rightarrow P.31$	Print PS Errors

Category	Function Menu
Paper Feed⇒ P.32	Page Size
	Tray Priority
	Paper Type Priority
	Auto Tray Switching
	Bypass paper Type
	Duplex
	Sort
	Staple
	Punch
	Mailbox priority
$Parallel \Rightarrow P.34$	Printer Language
	Bi-direction
	I/O Timeout
$Network \Rightarrow P.34$	I/O Timeout
	IP Address
	Subnet Mask
	Gateway Address
	Network Menu Protect
Configuration⇒	Resolution
P.35	Auto Continue
	Edge Smoothing
	Auto Countinue Timeout
List Print \Rightarrow P.36	PS Font List
	PCL Font List
	PS Demo Page
	PCL Demo Page
	Configuration Page
	Disk Directory List
	Minor Error Log
Reset Select⇒ P.36	Job Reset
	Menu Reset
	Printer Restart
	User Code Log Clear

Accessing the Printer Features

Press [User Tools/Counter].



The following screen appears on the panel display.

♦ User Tools/Counter	Exit
System Settings	Copy/Document Server Features
Printer Features	
Language Priority	123 Total Counter

2 Press [Printer Features].

The following screen appears on the panel display.

ne of the following item	s.					
PCL PostScrip	Paper Feed	Parallel	Network	Configuration	List Print	Reset Select
Orientation	Portrai	t		Fort Pitch		10.00
Form Length	60			Symbol Set		Roman-8
Ford Sates e	Nets	1				
Font Number	0					

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

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🖉 Note
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- **[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 from the User Tools

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

Press [Exit].

Note Note

□ You can also exit from User Tools/Counter by pressing [User Tools/ Counter].

Printer Features Parameters

PCL

Menu	Description
Orientation	You can select the page orientation:
	Portrait
	• Landscape
	S Note
	Default: Portrait
Form Length	You can set the number of lines per page:
	5 to 128
	S Note
	□ The default settings depend on the paper size.
	□ Default: 64 (A4)
	D Default: $60 (8^{1}/_{2} \times 11)$
Font Source	You can select the location of the default font:
	• Internal Specifies the resident font you want to use as the default font.
	• Sort
	Specifies the font downloaded from the host ma- chine you want to use as the default font.
	S Note
	Default: Internal
Font Number	You can set the value for the default font you want to use:
	0 to 52
	Note
	□ Default: 0

Menu	Description
Point Size	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
	✓ Note□ Default: 12.00
	When an incorrect size is entered, it blinks for about 2 seconds. Enter the correct size at that time.
Font Pitch	You can set the number of characters per inch for the selected font in increments of 0.01:
	0.44 to 99.99
	NoteDefault: 10.00
Symbol Set	You can select the set of print characters for the select- ed font. Search for the desired font among the options shown in the 3 screens.
	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
	✓ Note□ Default: <i>Roman-8</i>

PostScript

Menu	Description
Print PS Errors	You can select whether the PostScript Error Report should be printed:
	• Off
	• On
	NoteDefault: Off

Paper Feed

14	
Menu	Description
Page Size	You can set the page size when the page size is not specified by the application.
	A3, 11 × 17, B4 JIS, $8^{1}/_{2} \times 14$, $8^{1}/_{4} \times 13$, 8×13 , $8^{1}/_{2} \times 13$, A4, $8^{1}/_{2} \times 11$, $7^{1}/_{4} \times 10^{1}/_{2}$, B5 JIS, A5, $5^{1}/_{2} \times 8^{1}/_{2}$, 8k, 16k
	\Box Default (Metric Version): A4
	D Default (Inch Version): $8^{1}/_{2} \times 11$
Tray Priority	You can select the input paper tray priority. Only the installed trays appear on the panel display.
	Auto, LCT, Bypass, Tray 1, Tray 2, Tray 3
	NoteDefault: Auto
Auto Tray Switching	You can select whether Auto Tray Switching is On. When Auto Tray Switching is On, and the current pa- per tray becomes empty during a print job, the ma- chine automatically changes the paper tray to the one that contains the same paper size and orientation:
	• Off
	• On
	NoteDefault: On
Bypass paper Type	You can select the type of paper in the Bypass Tray:
	Plain Paper
	• OHP (Transparency)
	Thick Paper
	Default: Plain Paper

Menu	Description
Duplex	 You can select whether you want to print on both sides of each page. If so, you can also specify the orientation of paper. Off Long Edge Binding
	Short Edge Binding
	✓ Note□ Default: Off
Sort	 You can select whether you want to collate the output. If so, you can also specify the printing order. Off Shift Sort Rotate Sort
	✓ Note□ Default: Off
Staple	You can select whether you want to staple the output. If so, you can also specify the stapling position among the options shown in the two screens. Off, Left Slant, Left Slant, Left Vert., Left Vert., Left Horiz., Left Horiz., Left 20, Left 20, Right Slant, Right Slant, Right Vert., Right Vert., Right Horiz., Right Horiz., Right 20, Right 20, Top 20, Top 20
	NoteDefault: Off
Punch	You can select whether you want to punch the output for filing. If so, you can also select the punching position. Off, Left Portrait, Left Landscape, Right Portrait, Right Landscape, Top Portrait, Top Landscape
	NoteDefault: Off
Mailbox priority	You can select to which bins print out should be de- livered: 1 to 9
	NoteDefault: 1

Parallel

ption n set the page description language for print ceived through the parallel port:
ceived through the parallel port:
0
Script
e
ault: Auto
n set whether bi-directional communication n this machine and the host computer is en-
e
ault: On
n set how many seconds to wait until an in- ete print job should end, and the next port in ling sequence should be set in increments of 1:
) sec.
e
ault: 30 sec.

Network

Menu	Description	
I/O Timeout	You can set how many seconds to wait until an in- complete print job should end, and the next port in the polling sequence should be set in increments of	
	5 to 300 sec.	
	SP Note	
	□ Default: 30 sec.	
IP Address	You can set the IP Address.	
	 Note Default: All zero 	

Menu	Description	
Subnet Mask	You can set the Subnet Mask.	
	S Note	
	□ Default: <i>All zero</i>	
Gateway Address	You can set the Gateway Address.	
	S Note	
	□ Default: <i>All zero</i>	
Network Menu Protect	You can set the Network Menu protected.	
	• Off	
	• On	
	SP Note	
	□ Default: <i>Off</i>	

Configuration

Menu	Description
Resolution	You can set the print resolution in dots per inch:300 dpi600 dpi
	 Note Default: 600 dpi
Auto Continue	 You can set whether Auto Continue is enabled. When it is On, printing continues after a system error occurs: Off On Ø Note When it is On, and certain types of error occur, the
	current job might be canceled, and the machine automatically resumes the next job.Default: <i>On</i>
Edge Smoothing	You can set whether Edge Smoothing is enabled:OffOn
	NoteDefault: On

4

Menu	Description
Auto Continue Timeout	You can set how many seconds to wait until Auto Continue should end in increments of 1:
	5 to 300 sec.
	NoteDefault: 30

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 configura- tion.
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 pro- cessed.
Menu Reset	You can cancel the print job and restore some of the menu parameters to their factory defaults.
	 Note The following parameters do not change back to their factory defaults: Bi-direction TCP/IP Settings
Printer Restart	You can restart the printer.
Clear User Code Job Pages Count	 You can clear the user code log. Note If the key operator code has been set, entering the key operator code is required.

Printer Condition

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

Press [User Tools/Counter] on the operation panel.

The User Tools/Counter menu appears.

2 Press [Printer Features].

The Printer Features menu appears.

B Press [List Print].

The following screen appears on the panel display.

lect one of t	he following items.						
PCL	PostScript	Paper Feed	Parallel	Network	Configuration	List Print	Reset Select
	PS Fo	nt List			Disk	Directory List	
PCL Fort List				User Error Log List			
PS Demo Page							
PCL Demo Page							

4 Press [Configuration Page].

The following screen appears on the panel display.

The configuration page starts printing.



Adjusting System Settings

Accessing the System Settings

Press [User Tools/Counter].

The User Tools/Counter menu appears.

Press [System Settings].

The following screen appears on the panel display.

lect one of the foll	lowing default setting	js.			
Basic Page 1	Basic Page 2	Set Time	Paper Size Setting	Count Manager	
Operation P	anel Beeper) On		Auto Off Timer	90min.
Ready Operation	n Panel Beeper	On		Low Pover Shift Time	240min.
Copy Cour	nt Display) Up		Low Power Timer	Osec.
Auto Response ((Human) Sensor	No		ADF Orig. Ejection	ADF Ext. Tray
Auto Trav	Switching	On (Rotate)		<f,f4>Size Setting</f,f4>	85×130

3 Select the desired menu you want to change.

- 4 Change the settings by following the instructions on the panel display. Then press [OK].
 - \Rightarrow P.38 "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 from 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 from 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.

PReference

For more information about the other parameters in the System Settings menu, see the "System Settings".

Basic Page 1

Menu	Description
Auto Off Timer	The machine turns itself off automatically to conserve ener- gy 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.
	✓ Note□ Default: 90min.
	Auto Off might not be effective when an error message is displayed.
	To return to the ready condition from Auto Off, the ma- chine requires the same warm-up time as the time for be- coming ready after its power is turned on.

Basic Page 2

Menu	Description
System Reset	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.
	S Note
	□ Default: 60 seconds
Function Priority	You can specify the mode that is displayed when the operation switch is turned on or System Reset is activated.
	S Note
	Default: Copier
	See "System Reset".

Menu	Description
Output Priority	You can select the output priority for each mode.
	• Display: Output priority is given to the mode shown on the display.
	• 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.
	Default: Display
Copier/Document Server	You can specify to which tray copies are delivered.
Output Tray	Note
	You can select from the "Copy tray", "Finisher Shift Tray" or "Finisher Proof Tray".
	Without the optional finisher installed, "Copy tray" is the only output tray that can be used.
Printer Output Tray	You can select a tray which documents are delivered.
	Finisher Shift Tray
	Finisher Proof Tray
	Note
	Default: Finisher Shift Tray
	The output tray may be different depending on the functional setting and the setting of the printer driver.
Interleave Print	You can set the maximum output quantity using the interleave print when "Output Priority" is set to "Interleave". 1–20
	Note
	 Default: Approx 10 pages This setting may be different from your setting de
	 This setting may be different from your setting depending on the status of the print job.

Set Time

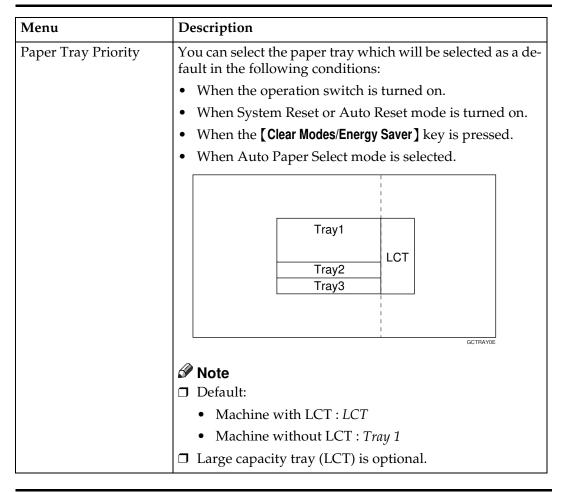
If a key operator code (up to 8 digits) has been set, you should enter the code when entering Set Time mode.

₽ Reference

For more information about key operator code, see "System Settings" manual.

Menu	Description			
Key Operator Code for Off Setting	Set a key operator code (up to 8 digits) to temporarily cancel the power off setting of the weekly timer.			
	NoteWhen the weekly timers are set and operation			
	switch is off, you can still use the machine by do ing one of the following:			
	• If the key operator code is set, turn on the oper- ation switch and enter the code.			
	• If the key operator code is not set, just turn on the operation switch.			

Paper Size Settings



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 "System Settings" manual.

Menu	Description
Key Operator Code	If you select "Yes", only operators who know the key oper- ator code (up to 8 digits) can access the User Tools (System Settings and Copy/Document Server Features).
	✓ Note□ Default: No
	 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).
	 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 Fea- tures).
	• 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.

- 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.

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

Printing with the Operation Panel

Using the Sample Print

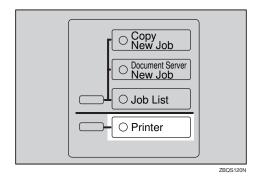
Use this function to print only one printing of a multiple print job. The other printings are saved in the machine. The saved job can be printed from the machine's operation panel. You can also delete the saved job, change quantity of sets and move to "Document Server" function.

🔗 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 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.

Printing a Sample Print file

Press [Printer].



The following screen appears on the panel display.

() Ready	
→ Online	
ķi→ Offline ► Printer Default	A 4 B 4 A 3 A 4 Bypass
	View Sample Print Jubs

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

The following screen appears on the panel display.

Sample Prin	t Jobs						Exit
Indicated Order	File name	User ID	TI	me	aty.		Change and Obj.
C	ABCDE	12345678	00/03	01:16	1		·
[AABBCC	001122	00/03	01:16	1		Frist
[abcde	13579	00/03	01:16	1		Mavelo Dar Sever
[efghi	000999	00/03	01:16	1	*	
C			[Ψ	Debite

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

The following screen appears on the panel display.

Sample Print J	obs		[[+d
Baltistica Coaler.	Are you sure you want to print t File name: ABCDE User ID: 12345678	he following?	Inserge stat Cery. Friet
Č	No	Yes	Deserv

Deleting a Sample Print file

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

Press [Printer].

The Ready message appears.

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

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

The following message appears on the panel display.



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.

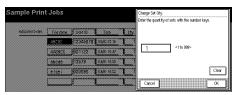
Press [Printer].

The Ready message appears.

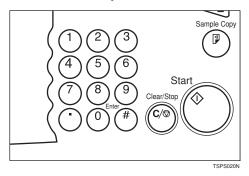
2 After confirming that the printer is online, press [View Sample Print Jobs].

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

The following screen appears on the panel display.



4 Enter the numerical value with the number keys.



D Press [OK].

Moving the file to the Document Server

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



Press [Printer].

The Ready message appears.

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

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

The following message appears on the panel display.



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

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 Serverfunction, 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 operation panel.
 - Copies:
 - Collate
 - Duplex
 - Punch
 - Staple
 - Paper Source
 - Output Tray
- Above items are grayed out, so you can not 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 [Menu] list box, and then click [Properties].

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

- In the [Setup] tab, select the [Document Server] in the [Job Type:] list box.
- Enter [User ID:] up to eight alphanumeric characters.
- E Enter the [Password] up to four digits, and [File Name] up to eight alphanumeric characters in the [Statistics] tab.

6 Press [OK].

${}^{\mathcal{P}}$ 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

5. Appendix

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	Ŕ	Ŕ
Upper Left Vertical	R	' R
Upper Left Horizontal	R	R
Left 2	' R	; R
Upper 2	R	R

Punch

Punch	Portrait		Landscape	
Setting	Left	Тор	Left	Тор
2 holes *1	° R	°° R	8 R	Ř
3 holes *2	° R	° ° ° R	8 R	°°° R
4 holes Type E *3	° R	°°°° R	៖ R	°°°° R
4 holes Type NE *3	° R	°°° °°° R	8 R	°° °° R

^{*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		
Printing Speed	55ppm, 70ppm		
	$(A4 \Box, 8^1/_2" \times 11" \Box)$		
	Printing Speed depends on the machine. Confirm which machine you have.		
Parallel Interface	Standard 36-pin printer cable and a parallel port on the host computer.		
	IEEE1284		
	 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 Trutype 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	Windows 95/98		
supported by this printer	Windows 2000		
	Windows NT 4.0		
	Mac OS		
Network	Topology : Ethernet 10BASE-T/100BASE-TX		
	Protocol : TCP/IP, IPX/SPX, AppleTalk		
Network Cable	vork Cable 10BASE-T/100BASE-TX shielded twisted-pair (STP, Categry/Type5) cable.		

Options

Network Interface Board Type 450E

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

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Notice:

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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.

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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 700

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.

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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.

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PRINTER Controller Type 700 Operating Instructions