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To get maximum versatility from this printer all operators should carefully read and follow the instructions in this manual. Please keep this manual in a handy place near the printer.

Please read the Safety Information before using this printer. 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 printer.

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The proper names of the Windows operating systems are as follows:

- The product name of Windows[®] 95 is Microsoft[®] Windows 95.
- The product name of Windows[®] 98 is Microsoft[®] Windows 98.
- The product name of Windows[®] Me is Microsoft[®] Windows Millennium Edition (Windows Me).
- The product names of Windows[®] XP are as follows:
 - Microsoft[®] Windows[®] XP Professional
 - Microsoft[®] Windows[®] XP Home Edition

- The product names of Windows[®] 2000 are as follows:
Microsoft[®] Windows[®] 2000 Advanced Server
Microsoft[®] Windows[®] 2000 Server
Microsoft[®] Windows[®] 2000 Professional
- The product names of Windows NT[®] 4.0 are as follows:
Microsoft[®] Windows NT[®] Server 4.0
- Microsoft[®] Windows NT[®] Workstation 4.0

Notes:

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





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, 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.

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. Using PostScript 3

Setting up Options

This section describes specific printer functions and menus added by installing the PPD file. For more information about Windows 95/98/Me PostScript 3 printer driver functions and menus, see the printer driver Help.

Preparation

For Macintosh, Mac OS 8.6 or a later version, or Mac OS X 10.1 or a later version is required. Mac OS X classic is also supported.

Limitation

- If you use Mac OS X, the following functions cannot be used:
 - Sample Print
 - Locked Print
 - User Code



Job Type

Use this function to select print job type.

The following table shows where you can select this function.

Windows 95/98/Me	[Job Type] on the [Setup] tab
Windows 2000, Windows XP	[Print Job] on the [Job Log] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Print Job] on the [Job Log] tab in the [Document Defaults] dialog box
Mac OS	[Job Type] on [Job Log] in the print dialog box
Mac OS X	This function is not available.

You can select the following items:

❖ Normal

Select this function for normal printing. The print job starts immediately after the print command is sent.

Note

- Under Windows 95/98/Me, if you want to use a user ID, click **[Details...]**.

❖ Sample Print

Use this function to print only one set from a multiple-set print job.

The other sets are saved in the printer. The saved job can be printed from the printer's control panel. You can also delete the saved job.

Limitation

- To use this function, the optional hard disk drive must be installed on the printer.

 **Note**

- The user ID can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.
- Entering the user ID helps you distinguish the print job from others.

 **Reference**

For more information about how to use Sample Print, see [p.9 “How to Use Sample Print”](#).

 **Locked Print**

Use this function to save documents in memory using a password, and then edit and print them as required.

 **Limitation**

- To use this function, the optional hard disk drive must be installed on the printer.

 **Note**

- The user ID can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters. The password must be four digits.

 **Reference**

For more information about how to use Locked Print, see [p.13 “How to Use Locked Print”](#).

How to Use Sample Print

This describes how to print a document using the Sample Print function.

 **Note**

- If the application has a collate option, make sure 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 in the application print dialog box, more prints than intended may be printed.

Windows 95/98/Me

1 In an application, select the menu command to print.

The print dialog box appears.

2 Open the printer properties dialog box to set **Sample Print**.

3 Click the **[Setup]** tab.

4 In **[Job Type]**, click **[Sample Print]**.

5 Click **[Details...]** button.

6 In **[User ID]**, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters.

 **Note**

- Set this to identify the user associated with the job.

7 Click **[OK]** to close the printer properties dialog box.

8 Start printing from the application's print dialog box.

The Sample Print job is sent to the printer and one set is printed.

9 Check the sample print to confirm that the settings are correct.

If the settings are correct, see “Printing the Remaining Sets”, *Printer Client Reference*.

If not, you can delete the saved job. See “Deleting a Sample Print File”, *Printer Client Reference*.

When using the optional scanner unit, see *Printer Client Reference Copier System Edition*.

Windows 2000, Windows XP, Windows NT 4.0

1 In an application, select the menu command to print.

The print dialog box appears.

2 Open the printer properties dialog box to set **Sample Print**.

3 Click the [Job Log] tab.

4 In [Print Job], click [Sample Print].

5 In [User ID], enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters.

 **Note**

- Set this to identify the user associated with the job.

6 Click [OK] to close the printer properties dialog box.

7 Start printing from the application's print dialog box.

The Sample Print job is sent to the printer and one set is printed.

8 Check the sample print to confirm that the settings are correct.

If the settings are correct, see “Printing the Remaining Sets”, *Printer Client Reference*.

If not, you can delete the saved job. See “Deleting a Sample Print File”, *Printer Client Reference*.

When using the optional scanner unit, see *Printer Client Reference Copier System Edition*.

Mac OS

1 In an application, select the menu command to print.

The print dialog box appears.

2 On the pop-up menu, click [Job Log].

3 In [Job Type], click [Sample Print], and then select the appropriate setting.

4 In [User ID], enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters.

 **Note**

- Set this to identify the user associated with the job.
- The user ID can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.

5 After making the necessary settings you want, click [Print].

The Sample Print job is sent to the printer and one set is printed.

6 Check the sample print to confirm that the settings are correct.

If the settings are correct, see “Printing the Remaining Sets”, *Printer Client Reference*.

If not, you can delete the saved job. See “Deleting a Sample Print File”, *Printer Client Reference*.

When using the optional scanner unit, see *Printer Client Reference Copier System Edition*.



How to Use Locked Print

This describes how to print a document using the Locked Print function.

 **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 the collate option is selected in the application print dialog box, more prints than intended may be printed.

Windows 95/98/Me

1 In an application, select the menu command to print.

The print dialog box appears.

2 Open the printer properties dialog box to set **Locked Print**.

3 Click the **[Setup]** tab.

4 In **[Job Type]**, click **[Locked Print]**.

5 Click **[Details...]**.

6 In **[User ID]**, enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters, and then enter a 4-digit password in **[Password]**.

 **Note**

- Set this to identify the user associated with the job.

7 Click **[OK]** to close the printer properties dialog box.

**8 Start printing from the application's print dialog box.**

The Locked Print job is sent to the printer.

9 Check the locked print to confirm that the settings are correct.

If the settings are correct, see “Printing a Locked Print File”, *Printer Client Reference*.

If not, you can delete the saved job. See “Deleting a Locked Print File”, *Printer Client Reference*.

When using the optional scanner unit, see *Printer Client Reference Copier System Edition*.

Windows 2000, Windows XP, Windows NT 4.0

1 In an application, select the menu command to print.


The print dialog box appears.

2 Open the printer properties dialog box to set Locked Print.**3 Click the [Job Log] tab.****4 In [Job Type], click [Locked Print].****5 In [User ID], enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters, and then enter a 4-digit password in [Password].** **Note**

Set this to identify the user associated with the job.

6 Click [OK] to close the printer properties dialog box.**7 Start printing from the application's print dialog box.**

The Locked Print job is sent to the printer.



8 Check the locked print to confirm that the settings are correct.

If the settings are correct, see “Printing a Locked Print File”, *Printer Client Reference*.

If not, you can delete the saved job. See “Deleting a Locked Print File”, *Printer Client Reference*.

When using the optional scanner unit, see *Printer Client Reference Copier System Edition*.

Mac OS

1 In an application, select the menu command to print.

The print dialog box appears.

2 On the pop-up menu, click [Job Log].

3 In [Job Type], click [Locked Print], and then select the appropriate setting.

4 In [User ID], enter the user ID using up to eight alphanumeric (a-z, A-Z, 0-9) characters, and then enter a 4-digit password in [Password].

Note

- Set this to identify the user associated with the job.

5 After making the necessary settings you want, click [Print].

The Locked Print job is sent to the printer.

6 Check the locked print to confirm that the settings are correct.

If the settings are correct, see “Printing a Locked Print File”, *Printer Client Reference*.

If not, you can delete the saved job. See “Deleting a Locked Print File”, *Printer Client Reference*.

When using the optional scanner unit, see *Printer Client Reference Copier System Edition*.

Collate

Use this function to enable collation. With this feature, the printer can efficiently print collated sets of multiple-page documents.

Limitation

- To use this function, a memory unit of total 128 MB or the hard disk drive must be installed on the printer.
- Under Windows 2000, Windows XP, Mac OS, or Mac OS X, make sure the following check boxes have not been selected.
 - Windows 2000, Windows XP
The **[Collated]** check box on **[Paper/Output]** on **[Advanced...]** on the **[Paper/Quality]** tab in the **[Printing Preferences]** dialog box.
 - Mac OS
The **[Collate]** check box in the print dialog box.
 - Mac OS X
The **[Collate]** check box on **[Copies & Pages]** in the printer dialog box.

The following table shows where you can select this function.

Windows 95/98/Me	[Collate] on the [Setup] tab
Windows 2000, Windows XP	[Collate] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Collate] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Collate:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Collate] on the [Features 1] tab on [Printer Feature] in the printer dialog box

Duplex Printing

Use this function to select duplex printing.

Limitation

- To use this function, the optional duplex unit must be installed on the printer.
- You cannot perform duplex printing when using the bypass tray.

The following table shows where you can select this function.

Windows 95/98/Me	[Duplex] on the [Setup] tab
Windows 2000, Windows XP	[Print on Both Sides (Duplex)] on the [Layout] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Print on Both Sides (Duplex Printing)] on the [Page Setup] tab in the [Document Defaults] dialog box
Mac OS	[Print on Both Sides] on [Layout] in the print dialog box
Mac OS X	[Print on both Sides] check box on [Duplex] in the print dialog box

You can select the following items. Availability of these items varies depending on the operating system you are using.

Windows 95/98/Me

❖ Off

Disables duplex printing.

❖ Open to Left

Prints so you can open it to the left.

❖ Open to Top

Prints so you can open it to the top.

Windows 2000, Windows XP, Mac OS, Mac OS X

Note

- If you use a Macintosh, click the button that means **[Flip on Long Edge]** or **[Flip on Short Edge]**.

❖ None


Disables duplex printing.

❖ Flip on Long Edge

Prints so you can open it to the long edge when bound along the long edge.

❖ Flip on Short Edge

Prints so you can open it to the short edge when bound along the short edge.



Windows NT 4.0

❖ None

Disables duplex printing.

❖ Short Side

Prints so you can open it to the short edge when bound along the short edge.

❖ Long Side

Prints so you can open it to the long edge when bound along the long edge.

Color Mode

Use this function to select whether the document is printed in color or black and white.

The following table shows where you can select this function.

Windows 95/98/Me	[Color Mode] on the [Setup] tab
Windows 2000	[Color Mode] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows XP	[Color] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Color Mode] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Color Mode:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Color Mode] on the [Features 1] tab on [Printer Features] in the print dialog box

 **Note**

If you are using Windows 95/98/Me, this mode is called “Color/Black and White”.

You can select the following items:

❖ Color

Prints color documents in full color.

 **Note**

Color images are printed using CMYK toner, Cyan, Magenta, Yellow, and Black. CMYK represents the three primary subtractive colors.

If you want to adjust the print color, use the settings in the **[Advanced]** dialog box accessed from the **[Advanced]** button on the **[Print Quality]** tab.

❖ Black and White

Prints everything, including color documents, in black and white. Black and White printing is faster than Color. To stop black and white areas being printed with CMYK toner, select **[Black and White]** in the printer driver as well as in the application.

Staple

Use this function to staple output. When you turn staple on, the printed document is collated automatically. You should switch off Collate from the **[Print]** window of your application to prevent the entire job being stapled together.

 **Limitation**

To use this function, the finisher must be installed on the printer.

The memory unit of total 128 MB or the optional hard disk drive must be installed on the printer.

The following table shows where you can select this function.

Windows 95/98/Me	[Staple] on the [Setup] tab
Windows 2000, Windows XP	[Printer Features] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Printer Features] on [Document Options] on the [Advanced] tab
Mac OS	[Staple:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Staple] on the [Features 3] tab on [Printer Features] in the print dialog box

Punch

Use this function to punch binding holes through sheets. When you turn punch on, the printed document is collated automatically. You should switch off Collate from the **[Print]** window of your application to prevent the entire job being punched.

Limitation

- To use this function, the finisher must be installed on the printer.

The following table shows where you can select this function.

Windows 95/98/Me	[Punch] on the [Setup] tab
Windows 2000, Windows XP	[Printer Features] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Printer Features] on [Document Options] on the [Advanced] tab
Mac OS	[Punch:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Punch] on the [Features 3] tab on [Printer Features] in the print dialog box

Paper Selection

Paper Sources and Output Tray Tabs

Use this function to select the media type, input tray, and output tray.

Limitation

- This function is for Windows 95/98/Me only.

Reference

For more information about the **[Paper Sources and Output Tray]** tabs, see the printer driver Help.

Paper Size

Use this function to select the paper size.

The following table shows where you can select this function.

Windows 95/98/Me	[Size:] on the [Paper] tab
Windows 2000, Windows XP	[Paper/Output] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Paper Size:] on the [Page Setup] tab in the [Document Defaults] dialog box
Mac OS	[Paper:] on the [Page Attributes] tab in the [Page Setup] dialog box
Mac OS X	[Paper Size:] in the Page Setup dialog box

Reference

For more information about paper sizes supported by this printer, see “Types of Paper and Other Media”, *Maintenance Guide*.

When using the optional scanner unit, see *Maintenance Guide Copier System Edition*.

Media Type

Use this function to select the media type.

The following table shows where you can select this function.

Windows 95/98/Me	[Type:] on [All Pages] on the [Paper] tab
Windows 2000, Windows XP	[Media:] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Paper/Output] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Paper Type:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Paper Type] on the [Features 3] tab on [Printer Features] in the print dialog box

Reference

For more information about media supported by this printer, see “Types of Paper and Other Media”, *Maintenance Guide*.

When using the optional scanner unit, see *Maintenance Guide Copier System Edition*.

Paper Source

Use this function to select the paper sources.

The following table shows where you can select this function.

Windows 95/98/Me	[All Pages] on the [Paper] tab
Windows 2000, Windows XP	[Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Page Setup] tab in the [Document Defaults] dialog box
Mac OS	[Paper Source:] on [General] in the print dialog box
Mac OS X	[Paper Feed] in the print dialog box

Destination Tray

Use this function to select the output tray.

The following table shows where you can select this function.

Windows 95/98/Me	[Destination] on the [Paper] tab
Windows 2000, Windows XP	[Printer Features] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Printer features] on [Document Options] on the [Advanced] tab
Mac OS	[Destination:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Destination] on the [Features 3] tab on [Printer Features] in the print dialog box

Resolution

Use this to set the resolution to **[600dpi]** or **[1200dpi]**.

Limitation

If the resolution option is set to **[1200dpi]**, the gradation option must be set to **[Fast]**.

The following table shows where you can select this function.

Windows 95/98/Me	[Advanced] on the [Print Quality] tab
Windows 2000, Windows XP	[Graphic] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Graphic] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Printer Specific Options] in the print dialog box
Mac OS X	[Resolution] on the [Features 1] tab on [Printer Features] in the print dialog box

Note

This function is displayed as **[Print Quality]** under Windows XP.

Gradation

Use this function to select a type of gradation suited to your requirements.

The following table shows where you can select this function.

Windows 95/98/Me	[Print Quality] tab
Windows 2000, Windows XP	[Gradation] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Gradation] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Gradation:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Gradation] on the [Features 1] tab on [Printer Features] in the print dialog box

You can select the following items:

❖ **Fast**

Prints quickly but loses smoothness.

❖ **Standard**

Prints with good gradation.

Color Profile

Use this function to select the color profile pattern.

The following table shows where you can select this function.

Windows 95/98/Me	The [Print Quality] tab
Windows 2000, Windows XP	[Color Profile] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Color Profile] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Color Profile:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Color Profile] on the [Features 2] tab on [Printer Features] in the print dialog box

You can select the following items:

Important

- Under Windows 95/98/Me, you can configure **[Color Profile]** in **[Advanced]** by selecting **[Manual]** from the **[Color]** setting. Selecting **[Automatic]** sets the printer to “Auto”.

Auto

Use this setting to automatically configure the best color profile pattern based on the appearance of the document to be printed.

Photographic

Use this setting to enhance reproduction of photos and graphics that include midtones.


❖ Presentation

Use this setting to enhance reproduction of documents containing text and graphics. This CRD is best for printing colored charts, graphs, presentation materials and so on. If you use this CRD for printing photographs, color and gradation might not reproduce so well.

❖ Solid Color

Use this setting to print specific single colors, logos and so on.

❖ User Setting

Use this setting to print images using a CRD downloaded from your application.

❖ CLPsimulation

Prints the output colors similar to the colors displayed on the computer screen.

 **Note**

- Use this function to select a color rendering dictionary (CRD). The CRD is referred to color matching, so you should select the appropriate CRD for the document you are printing. The selected CRD is also referred to when **[Fine]** or **[Super Fine]** is selected for “Color Setting”. The following items are available: **[Auto]**, **[Photographic]**, **[Presentation]**, and **[Solid Color]**.

Color Setting

Use this function to select the correction method used for color conversion.

The following table shows where you can select this function.

Windows 95/98/Me	[Advanced] on the [Print Quality] tab
Windows 2000, Windows XP	[Color Setting] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Color Setting] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Color Setting:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Color Setting] on the [Features 2] tab on [Printer Features] in the print dialog box

Important

- Under Windows 95/98/Me, you can configure [Color Setting] in [Advanced] by selecting [Manual] from the [Color] setting. Selecting [Automatic] sets the print resolution to “Super Fine”.

Note

- The color rendering dictionary selected in the Color Profile setting is used.

You can select the following items:

❖ Off

No modification to the color setting.

❖ Fine

Select this setting to perform color matching based on the printer's built-in color rendering dictionaries, and to perform CMYK conversion. This setting performs printing at an output target of Monitor $\gamma = 1.8$.

❖ Super Fine

Select this setting to use a color rendering dictionary similar to the Fine setting but is capable of producing output that is more vivid. Use this setting to emphasize lighter colors. This setting performs printing at an output target of Monitor $\gamma = 2.2$.

Note

- Use this function to select a color rendering dictionary (CRD). The CRD is referred to color matching, so you should select the appropriate CRD for the document you are printing. The selected CRD is also referred to when **[Fine]** or **[Super Fine]** is selected for “Color Setting”. The following items are available: **[Auto]**, **[Photographic]**, **[Presentation]**, and **[Solid Color]**.

Dithering

Use this function to set the Image Rendering mode.

The following table shows where you can select this function.

Windows 95/98/Me	[Advanced] on the [Print Quality] tab
Windows 2000, Windows XP	[Dithering] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Dithering] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Dithering] on [Printer Specific Options] in the print dialog box
Mac OS X	[Dithering] on the [Features 2] tab on [Printer Features] in the print dialog box



Important

- Under Windows 95/98/Me, you can configure **[Dithering]** in **[Advanced]** by selecting **[Manual]** from **[Color]** setting. Selecting **[Automatic]** sets the printer to “Auto”.

You can select the following items:

❖ Auto

Use this setting to configure the best dithering method automatically, based on the appearance of the document to be printed.

❖ Photographic

Performs dithering in an appropriate form for photographs.

❖ Text

Performs dithering in an appropriate form for text.

❖ User Setting

Use this setting to print images set in your application as half tone.



Gray Reproduction

Use this function to select Black Color mode for text and line art.

The following table shows where you can select this function.

Windows 95/98/Me	[Advanced] on the [Print Quality] tab
Windows 2000, Windows XP	[Black Text/Graphics] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Black Text/Graphics] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Black Text/Graphics] on [Printer Specific Options] in the print dialog box
Mac OS X	[Black Text/Graphics] on the [Features 2] tab on [Printer Features] in the print dialog box

Important

- Under Windows 95/98/Me, you can configure **[Gray Reproduction]** in **[Advanced]** by selecting **[Manual]** from the **[Color]** setting. Selecting **[Automatic]** sets the printer to “Pure Black Text”.

Note

- Under Windows 2000, Windows XP, Windows NT 4.0, Mac OS, or Mac OS X, this function is called “Black Text/Graphics”.

You can select the following items:

❖ Pure Black Text

Select this setting to use black toner.

Note

- Under Windows 2000, Windows XP, Windows NT 4.0, Mac OS, or Mac OS X, this mode is called “K”.

❖ CMY+K

Select this setting to use all toners in combination.

Black Overprint

Select whether or not to print black over the other colors.

The following table shows where you can select this function.

Windows 95/98/Me	[Advanced] on the [Print Quality] tab
Windows 2000, Windows XP	[Black Over Print] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Black Over Print] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Black Over Print:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Black Over Print] on the [Features 2] tab on [Printer Features] in the print dialog box

Important

- Under Windows 95/98/Me, you can configure **[Black Over Print]** in **[Advanced]** by selecting **[Manual]** from the **[Color]** setting.

Toner Saving

Use this function to reduce the amount of toner used when printing.

The following table shows where you can select this function.

Windows 95/98/Me	[Toner Saving] on the [Print Quality] tab
Windows 2000, Windows XP	[Toner Saver] on [Advanced...] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[Toner Saver] on [Document Options] on the [Advanced] tab in the [Document Defaults] dialog box
Mac OS	[Toner Saver:] on [Printer Specific Options] in the print dialog box
Mac OS X	[Toner Saver] on the [Features 1] tab on [Printer Features] in the print dialog box

Color Control

Use this function to select whether or not you want the colors in the documents to be adjusted before printing, so that the printed page matches the colors on the screen closer.

The following table shows where you can select this function.

Windows 95/98/Me	[Print Quality] tab
Windows 2000, Windows XP	[Graphic] on [Advanced] on the [Paper/Quality] tab in the [Printing Preferences] dialog box
Windows NT 4.0	This function is not available.
Mac OS	[Print Color] on the [Color Matching] tab in the print dialog box
Mac OS X	This function is not available.

Note

- Under Windows 2000 or Windows XP, this function is called “Image Color Management”.
- Under Windows NT 4.0, this function cannot be configured.
- Under Mac OS, this function is called “Color Matching”.

Image Color Control

Open the **[Image Color Matching]** dialog box, and then click this button to specify exactly how you want the colors on your screen adjusted before printing.

User Code

Use this function to set a user code for print logging.

Enter a user code using up to eight digits. A user code identifies a group of users and allows you to check the number of sheets printed under each code using SmartNetMonitor for Admin.

The following table shows where you can select this function.

Windows 95/98/Me	[User Code] on the [Statistics] tab
Windows 2000, Windows XP	[User Code] on the [Job Log] tab in the [Printing Preferences] dialog box
Windows NT 4.0	[User Code] on the [Job Log] tab in the [Document Defaults] dialog box
Mac OS	[User Code] on [Job Log] in the print dialog box
Mac OS X	This function is not available.

Reference

For more information about using SmartNetMonitor for Admin, see Help.

Options

See “Setting Up Options”, *Printer Client Reference* or *Administrator Reference* for the installation method appropriate to your printing environment.

When using the optional scanner unit, see *Printer Client Reference Copier System Edition* or *Administrator Reference Copier System Edition*.

The following table shows where you can select this function.

Windows 95/98/Me	[Option] on the [Accessories] tab
Windows 2000, Windows XP	[Installable Options] on the [Device Setting] tab
Windows NT 4.0	[Installable Options] on the [Device Setting] tab in the [Document Defaults] dialog box
Mac OS	[Chooser] on the Apple menu
Mac OS X	This function is not available.

❖ Tray 3

- You can select the tray with the following menu for Paper Feed Unit Type 3800C: Paper Source, see [p.24 “Paper Source”](#).

❖ Tray 3 and 4

- You can select the other tray with the following menu for an additional Paper Feed Unit Type 3800C: Paper Source, see [p.24 “Paper Source”](#).

❖ Tray 3 (LCT)

- You can select the tray with the following menu for PS470: Paper Source, see [p.24 “Paper Source”](#).

❖ Duplex Unit

- You can use the following function with Duplex Unit Type 7000: Duplex Printing, see [p.17 “Duplex Printing”](#).

❖ Hard Disk

- You can use the following function with Printer Hard Disk Type 7000: Collate, see [p.16 “Collate”](#).



Note

- This function is for Windows 95/98/Me only.

❖ Total Memory

- You can use the following function with Memory Unit Type C (64/128/256 MB): Collate, see [p.16 “Collate”](#).



Note

- The memory unit of total 128 MB must be installed on the printer.
- This function is for Windows 95/98/Me only.

❖ Mailbox



Note

- The optional mailbox and finisher cannot be installed together.
- The optional scanner unit and mail box cannot be installed together.
- You can use the following function with Mail Bin Type 3800C: Destination, see [p.24 “Destination Tray”](#).

❖ Multi bin

Note

- ❑ If the optional scanner unit is installed, the multi bin can be used.
- You can use the following function with PT460:
Destination, see [p.24 “Destination Tray”](#).

❖ Finisher

Note

- ❑ The optional mailbox and finisher cannot be installed together.
- ❑ The memory unit of total 128 MB or the optional hard disk drive must be installed on the printer.
- The following functions are available with SR770:
Destination, see [p.24 “Destination Tray”](#).
Staple, see [p.20 “Staple”](#).
Punch, see [p.21 “Punch”](#).



2. Printer Utility for Mac

Using Printer Utility for Mac, you can download fonts, change the printer's name, and so on.

Limitation

- If a Macintosh and printer are connected by USB, you cannot use Printer Utility for Mac.

Note

- Printer Utility for Mac is included on the CD-ROM labeled "Printer Drivers and Utilities".
- Printer Utility for Mac requires Mac OS 8.1 or later. (Mac OS X Classic environment is supported.)
- Printer Utility for Mac cannot be used under Mac OS X (native mode).

Installing Printer Utility for Mac

Follow the procedure below to install Printer Utility for Mac on the printer.

1 Start the Macintosh.

2 Insert the CD-ROM into the CD-ROM drive.

The CD-ROM icon appears.

3 Double-click the hard disk icon to open it.

4 Double-click the CD-ROM icon.

The contents of the CD-ROM appear.

5 Double-click the [Mac OS] folder.

6 Double-click the [PS Utility] folder on the CD-ROM, drag the [Printer Utility for Mac] file, and then drop it into the Macintosh hard disk.

7 Drag the CD-ROM icon and drop it into [Trash] to eject the CD-ROM.

Printer Utility for Mac is installed.

Starting Printer Utility for Mac

This describes how to start Printer Utility for Mac.

Important

- Before starting Printer Utility for Mac, confirm that the printer is selected in **[Chooser]** on the Apple menu.

1 Double-click the **Printer Utility for Mac** icon.

The **[Printer Utility for Mac]** dialog box appears.

2 Click **[OK]**.

3 In the **[Available Printers:]** box, select the printer you want to use.

Note

- If you have changed zones, select a name in **[Available Network Zones:]**.
- Under Mac OS, click **[Choose Printer..]** on the Apple menu to change the printer.
- Under Mac OS X, click **[Choose Printer..]** on the Printer Utility for Mac menu to change the printer.

4 Select the printer you want to use.

Printer Utility for Mac will take a few seconds to start.

Reference

For more information, see [“Printer Utility for Mac Functions”](#).

Printer Utility for Mac Functions

Printer Utility for Mac functions are described below.

❖ Apple menu (Mac OS), Printer Utility for Mac menu (Mac OS X)

- **[About Printer Utility for Mac...]**
- **[Choose Printer...]**

Display the Choose target printer dialog box.

❖ File menu

- **[Download PS Fonts...]**
Downloads fonts (PostScript Type 1) to the printer. See [p.42 “Downloading PS Fonts”](#).
- **[Display Printer's Fonts...]**
Displays and deletes fonts in the printer memory and hard disk. See [p.44 “Displaying the Printer's Fonts”](#).
- **[Initialize Printer's Disk...]**
Initializes the printer's hard disk. See [p.45 “Initializing the Printer Disk”](#).
- **[Page Setup...]**
Sets up the paper size to print a Printer Font Catalog and Printer Font Sample. See [p.46 “Page Setup”](#).
- **[Rename Printer...]**
Changes the printer name when viewing with Appletalk. See [p.46 “Renaming the Printer”](#).
- **[Restart Printer]**
Restarts the printer. See [p.47 “Restarting the Printer”](#).

❖ Utility menu

- **[Download PostScript File...]**
Downloads a PostScript file. See p.48 “Downloading PostScript Files”.
- **[Select Zone...]**
Changes the zone the printer belongs to with Appletalk. See p.48 “Selecting the Zone”.
- **[Display Printer Status...]**
Displays printer status. See p.49 “Displaying Printer Status”.
- **[Launch Dialogue Console...]**
Creates and edits a PostScript file, and then download it to the printer. See p.50 “Launching the Dialogue Console”.

Downloading PS Fonts

You can download PS fonts to printer memory or hard disk.

Important

- The following procedures to download fonts assume that you are a system administrator. If you are not, be sure to consult your system administrator.
- If the printer restarts, all printer settings return to default.
- Confirm that a Macintosh and printer are connected with Appletalk.

Note

- Some fonts cannot be downloaded.
- Before downloading, read the documentation about the fonts you want to use.

1 On the **[File]** menu, click **[Download PS Fonts...]**.



2 Click **[Add to list]**.

The dialog box to select fonts appears.

3 Select the desired font files, and then click **[Open]**.

A list of selectable font names appears.

4 After adding all the fonts you want to download, click **[OK]**.

The dialog box of selected fonts to download appears.

5 Click **[Download]**.

The fonts begin to be downloaded, and download status is displayed.

 **Important**

During download, do not turn off the power switch, operate the panel or open/close the cover.

6 When the completion message appears, click **[OK]**.

7 Click **[Cancel]**.



Displaying the Printer's Fonts

You can display available fonts already downloaded to the printer. Fonts in printer memory and hard disk can be displayed.

Note

- The fonts displayed in italics are default fonts.

1 On the **[File]** menu, click **[Display Printer's Fonts...]**.

A dialog box appears.

2 Click **[Printer's memory]** or **[Printer's disk]**.

3 Click **[OK]**.

Deleting Fonts

You can delete fonts from printer memory or hard disk.


1 On the **[File]** menu, click **[Display Printer's Fonts...]**.

A dialog box appears.

2 Click **[Printer's memory]** or **[Printer's disk]**.

3 Select the fonts you want to delete.

Limitation

- You cannot delete the fonts displayed in italics.
- 

4 Click **[Delete]**.

A confirmation message appears.

5 Confirm the fonts you want to delete and the printer name from which you want to delete them.**6** Click **[Continue]**, and then click **[OK]**.**7** Click **[OK]**.

Initializing the Printer Disk

When initializing the printer's hard disk, all fonts downloaded to the hard disk are deleted. Before initializing, be sure to check the fonts on the hard disk.

 **Important**

- When initializing the printer's hard disk from the control panel, all data on the hard disk is deleted. Before initializing, be sure to check the data on the hard disk.

1 On the **[File]** menu, click **[Initialize Printer's Disk...]**.

A confirmation message appears.

 **Note**

- To cancel initialization, click **[Cancel]**.

2 Click **[Execute]**.

Initializing starts.

 **Important**

- Do not turn off the power switch until initialization is complete, otherwise the hard disk might get damaged.



3 When the completion message appears, click **[OK]**.

Page Setup

You can set the paper size on which to print a Print Fonts Catalogue and Prints Fonts Sample.

1 On the **[File]** menu, click **[Page Setup...]**.

2 Select a paper size.

Renaming the Printer

You can change the printer name as displayed under Appletalk. If you connect several printers to the network, assign different names so you can identify them. If several printers have the same name, a digit appears next to the printer name in **[Chooser]**.

1 On the **[File]** menu, click **[Rename Printer...]**.

2 In the **[New Name:]** field enter a new name.

 **Limitation**

- You can enter up to 31 digits and letters.
- Do not use symbols, for example "*", ":", "=", "@", "~".

3 Click **[Rename]**.

The printer name is changed.

4 Click **[OK]**.

- 5** On the Apple menu, click **[Chooser]**.
- 6** Click the **[AdobePS]** icon.
- 7** Select the printer renamed in step **2**, and then close **[Chooser]**.

 **Note**

- If there are several Appletalk zones, select the zone the printer belongs to.

Restarting the Printer

You can restart the printer.

- 1** On the **[File]** menu, click **[Restart Printer]**.
- 2** Confirm the message that appears on the screen, and then click **[Restart]**.

The printer restarts.

 **Note**

- The fonts that you downloaded to printer memory will be deleted.
- If the printer restarts, all settings return to default.

Downloading PostScript Files

You can download a PostScript file to the printer.

- 1** On the [Utility] menu, click [Download PostScript File...].
- 2** Select the file you want to download, and then click [Open].
- 3** Enter a log file name, and then click [Save].

The selected file is downloaded.

 **Note**

- Errors are recorded in the log file.

Selecting the Zone

You can change the zone to which the printer belongs under Appletalk.

 **Important**

- Confirm that a Macintosh and printer are connected with Appletalk.

- 1** On the [Utility] menu, click [Select Zone...].


The zone to which the printer belongs and the available zone list appear.

- 2** Select the zone which you want to locate the printer in, and then click [Change].

A confirmation message appears.

- 3** Click [Continue].

A confirmation message appears.



- 4** Click [OK].
- 5** On the Apple menu, click [Chooser].
- 6** Click the [AdobePS] icon.
- 7** On the [Appletalk zone:] list, select the zone selected in step **2**.
- 8** On the [Select a PostScript Printer:] list, select the printer you want to use.
- 9** Close [Chooser].

Displaying Printer Status

You can display and confirm current printer status.

- 1** On the [Utility] menu, click [Display Printer Status...].
Current printer status appears.
- 2** Confirm current printer status.

You can check memory capacity, VM (Virtual Memory) space, hard disk status, and available space on the hard disk. You can also check the zone in which the printer is located.

- 3** Click [OK].

Launching the Dialogue Console

You can create and edit a PostScript file for printing, and then download it to the printer.

Important

- “Launch Dialogue Console” is recommended for users with an understanding of PostScript.
- Do not download any file other than PostScript files to the printer.
- “Launch Dialogue Console” must be used at your own risk.

1 On the [Utility] menu, click [Launch Dialogue Console...].

Open the editing screen. The Dialogue Console menu bar appears.

2 In the editor screen, enter a PostScript command.

Note

- To edit a PostScript file, click [Open] on the [File] menu to open it.
- You can search for or replace a character string using the [Search] menu.

3 After editing the PostScript file, click [Download Top Window] on the [Console] menu to start printing.

The PostScript file is sent to the printer.

Note

- The [Reply from Printer] box opens, depending on the PostScript file sent.

4 On the [Console] menu, click [Return To Main Menu] to close the PostScript file.



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