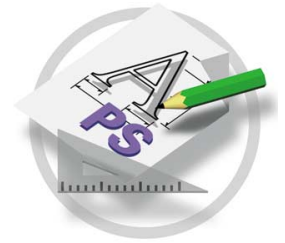


PostScript 3 Board Type 1232

Operating Instructions Supplement



-
- 1 Using PostScript 3
 - 2 Printer Utility for Mac

Introduction

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

Note

- Printing with the PostScript 3 printer driver is available when the PostScript 3 board option is installed on your machine.

Important

Contents of this manual are subject to change without prior notice. In no event will the company be liable for direct, indirect, special, incidental, or consequential damages as a result of handling or operating the machine.

Trademarks

Microsoft®, Windows® and Windows NT® are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Adobe® and PostScript® are registered trademarks of Adobe Systems Incorporated.

Appletalk, Apple, Macintosh is a registered trademark of Apple Computer, Incorporated.

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.

Notes:

Some illustrations in this manual might be slightly different from the machine.

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

TABLE OF CONTENTS

1. Using PostScript 3

| | |
|---------------------------------|----------|
| Setting up Options | 1 |
| Job Type | 1 |
| Collate | 8 |
| Duplex Printing | 9 |
| Color Mode..... | 10 |
| Paper Size..... | 11 |
| Paper Type..... | 11 |
| Paper Source | 11 |
| Orientation..... | 12 |
| Destination Tray | 12 |
| Resolution | 12 |
| Gradation | 12 |
| Color Profile | 13 |
| Color Setting | 14 |
| Dithering..... | 15 |
| Gray Reproduction | 15 |
| Black Over Print | 16 |
| Toner Saver | 17 |
| Color Control..... | 17 |
| Staple | 18 |
| User Code | 18 |
| Options..... | 19 |

2. Printer Utility for Mac

| | |
|---|-----------|
| Installing the Printer Utility for Mac | 21 |
| Starting the Printer Utility for Mac | 22 |
| Printer Utility for Mac Functions | 23 |
| Downloading PS Fonts..... | 24 |
| Displaying the Machine's Fonts..... | 25 |
| Deleting Fonts | 25 |
| Initializing the Hard Disk..... | 26 |
| Page Setup | 26 |
| Printing the Font Catalog | 26 |
| Printing Font Samples..... | 27 |
| Renaming the Machine | 27 |
| Restarting the Machine | 28 |
| Downloading PostScript Files | 28 |
| Selecting the Zone | 28 |
| Displaying the Machine Status..... | 29 |
| Launching the Dialogue Console | 29 |
| INDEX | 31 |

1. Using PostScript 3

Setting up Options

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

Job Type

Use this function to select the type of print job.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Job Type] on the [Setup] tab. |
| Windows 2000/XP | [Job Type] on the [Job/Log] tab in the Printing Preferences dialog box. |
| Windows NT 4.0 | [Job Type] on the [Job/Log] tab in the Printer Properties dialog box. |
| Macintosh | [Job Type] on [Job Log] in the print dialog box. |

You can select the following items.

❖ Normal

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

Note

- Under Windows 95/98/Me, if you want to use an User ID, click the [Details] button.

❖ Sample Print

Use this function to print only one set of a multiple print jobs.

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

Note

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

Reference

For more information about how to use Sample Print, see p.2 "How to Use Sample Print".

❖ Locked Print

Use this function to store in the machine's hard disk with a password, and then edit and print them as you want.

 **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.4 "How to Use Locked Print".

❖ Document Server

Use this function to store in the machine's hard disk documents that you want to print and as well as documents you might want to later combine or process for printing.

 **Note**

- The "User ID" can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.
- The "Password" must be four digits.
- The "File name" can consist of up to sixteen characters.

 **Reference**

For more information about how to use Document Server, see p.6 "How to Use Document Server".

How to Use Sample Print

Follow the procedures 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 From an application, select the menu command to print.

The print dialog box appears.

2 Open the Printer Properties to set the Sample Print.

3 Click the [Setup] tab.


- 4** Select [Sample Print] in [Job Type].
- 5** Click [Details].
- 6** Enter the "User ID" in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.

 **Note**

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

- 7** Click [OK].
- 8** Click [Apply] to apply the settings you made.
- 9** After making all of the settings you want, click [OK] to close the Printer Properties.
- 10** Start printing from the application's print dialog box.
The Sample Print job is sent to the machine and one set is printed.
- 11** Check the sample print to confirm that the settings are correct.
If the settings are correct, remaining sets can be printed using the control panel. See "Printing a Sample Print File", *Printer Reference 2*.
If the settings are incorrect, the saved job can be deleted using the control panel. See "Deleting a Sample Print File", *Printer Reference 2*.

Windows 2000/XP, Windows NT 4.0

- 1** From an application, select the menu command to print.
The print dialog box appears.
- 2** Open the Printer Properties to set the Sample Print.
- 3** Click the [Job/Log] tab.
- 4** Select [Sample Print] in [Job Type].
- 5** Enter the "User ID" in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.
 **Note**
 - Select this to identify the user associated with the job.
- 6** Click [OK] to close the Printer Properties.
- 7** Start printing from the application's print dialog box.
The Sample Print job is sent to the machine and one set is printed.

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

If the settings are correct, remaining sets can be printed using the control panel. See “Printing a Sample Print File”, *Printer Reference 2*.

If the settings are incorrect, the saved job can be deleted using the control panel. See “Deleting a Sample Print File”, *Printer Reference 2*.

1

Macintosh

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

The print dialog box appears.

2 Click [Job Log] from the pop up menu.

3 Select [Sample Print] in [Job Type], and then select the appropriate setting.

4 Enter the “User ID” in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.

 **Note**

Select this to identify the user associated with the job.

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

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

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

If the settings are correct, remaining sets can be printed using the control panel. See “Printing a Sample Print File”, *Printer Reference 2*.

If the settings are incorrect, the saved job can be deleted using the control panel. See “Deleting a Sample Print File”, *Printer Reference 2*.

How to Use Locked Print

Follow the procedures 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 From an application, select the menu command to print.

The print dialog box appears.

2 Open the Printer Properties to set the Locked Print.

- 3** Click the [Setup] tab.
- 4** Select [Locked Print] in [Job Type].
- 5** Click [Details].
- 6** Enter the “User ID” in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters. Then enter a password in [Password]. The “Password” must be four digits.

 **Note**

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

- 7** Click [OK].
- 8** Click [Apply] to apply the settings you made.
- 9** After making all of the settings you want, click [OK] to close the Printer Properties.
- 10** Start printing from the application's print dialog box.

The document file is saved in the machine.

It is possible to print the saved job using the control panel. See “Printing a Locked Print File”, *Printer Reference 2*.

It is possible to delete the saved job using the control panel. See “Printing a Locked Print File”, *Printer Reference 2*.

Windows 2000/XP, Windows NT 4.0

- 1** From an application, select the menu command to print.
The print dialog box appears.
- 2** Open the Printer Properties to set the Locked Print.
- 3** Click the [Job/Log] tab.
- 4** Select [Locked Print] in [Job Type].
- 5** Enter the “User ID” in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters. Then enter a password in [Password]. The “Password” must be four digits.

 **Note**

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

- 6** After making all of the settings you want, click [OK] to close the Printer Properties.

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

The document file is saved in the machine.

It is possible to print the saved job using the control panel. See “Printing a Locked Print File”, *Printer Reference 2*.

It is possible to delete the saved job using the control panel. See “Printing a Locked Print File”, *Printer Reference 2*.

Macintosh

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

The print dialog box appears.

2 Click to select [Job Log] from the pop up menu.

3 Select [Locked Print] in [Job Type], and then select the appropriate setting.

4 Enter the “User ID” in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters. Then enter a password in [Password]. The “Password” must be four digits.

 **Note**

Set [User ID] and [Password] to identify the user associated with the job.

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

The document file is saved in the machine.

It is possible to print the saved job using the control panel. See “Printing a Locked Print File”, *Printer Reference 2*.

It is possible to delete the saved job using the control panel. See “Printing a Locked Print File”, *Printer Reference 2*.

How to Use Document Server

Follow the procedures to print a document using the “Document Server” function.

Windows 95/98/Me

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

The print dialog box appears.

2 Open the Printer Properties to set the Document Server.

3 Click the [Setup] tab.

4 Select [Document Server] in [Job Type].

5 Click [Details].

- 6 Enter the “User ID” in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters. Then enter a “Password” in [Password]. The “Password” must be four digits.

 **Note**

- Select this to identify the user associated with the job.
- If necessary, enter the “Document file’s name” in [File name]. [File name] can consist of up to sixteen characters.

- 7 Click [OK].

- 8 Click [Apply] to apply the settings you made.

- 9 After making all of the settings you want, click [OK] to close the printer properties.

- 10 Start printing from the application's print dialog box.

 **Reference**

For more information about the Document Server function, see “Accessing the Document Server”, *Printer Reference 2* or the *General Settings Guide*.

Windows 2000/XP, Windows NT 4.0

- 1 From an application, select the menu command to print.

The print dialog box appears.

- 2 Open the Printer Properties to set the Locked Print.

- 3 Click the [Job/Log] tab.

- 4 Select [Document Server] in [Job Type].

- 5 Enter the “User ID” in [User ID]. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters. Then enter a “Password” in [Password]. The “Password” must be four digits.

 **Note**

- Select this to identify the user associated with the job.
- If necessary, enter the “Document file’s name” in [File Name]. [File Name] can consist of up to sixteen characters.


- 6 Click [OK].

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

 **Reference**

For more information about the Document Server function, see “Accessing the Document Server”, *Printer Reference 2* or the *General Settings Guide*.

Macintosh

- 1** From an application, select **[Print]** from the file menu.
The print dialog box appears.
 - 2** From the pop-up menu, select **[Job Log]**.
 - 3** From the **[Print Job]** pop-up menu, select **[Print Job]**.
 - 4** Enter the "User ID" in **[User ID]**. This can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters. Then enter a "password" in **[Password]**. The "Password" must be four digits.
-  **Note**
- Set **[User ID]** and **[Password]** to identify the user associated with the job.
- 5** Click **[OK]**.
 - 6** Start printing from the application's print dialog box.

 **Reference**

For more information about the Document Server function, see "Accessing the Document Server", *Printer Reference 2* or the *General Settings Guide*.

Collate

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

 **Limitation**

- If you select Upper Tray as an output tray, it is shift-collated automatically.
- The following table shows the tabs or menus where you can select this function.

| | |
|------------------|--|
| Windows 95/98/Me | [Collate] on the [Setup] tab. |
| Windows 2000/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. |
| Macintosh | [Collate] on [Printer Specific Options] in the print 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 machine.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Duplex] on the [Setup] tab. |
| Windows 2000/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 Default dialog box. |
| Macintosh | [Print on Both Sides] on [Layout] in the print dialog box. |

You can select the following items. The following items may vary depending on the operating system you are using.

Windows 95/98/Me

❖ Off

Disables Duplex Printing.

❖ Open to Left

Prints output so that you can open it to the left when bound along the left edge.

❖ Open to Top

Prints output so that you can open it to the top when bound along the top edge.

Windows 2000/XP, Macintosh

Note

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

❖ None

Disables Duplex Printing.

❖ Flip on Short Edge

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

❖ Flip on Long Edge

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

Windows NT 4.0

❖ **None**

Disables Duplex Printing.

❖ **Short Side**

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

❖ **Long Side**

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

Color Mode

Use this to select whether the document is printed in color or black and white. The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Color/Black and White] on the [Setup] tab. |
| Windows 2000/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. |
| Macintosh | [Color Mode:] on [Printer Specific Options] in the print dialog box. |

 **Note**

- If you use Windows 2000, Windows XP, Windows NT 4.0 or a Macintosh, this mode is called “Color mode”.

You can select the following items:

❖ **Color**

Prints color documents in full color.

 **Note**

- Color images will be printed using CMYK toner, Cyan, Magenta, Yellow and Black. CMYK are three primary subtractive colors.
- If you want to adjust the print color, adjust 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 printing. 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.

Paper Size

Use this to select the paper size.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Size] on the [Paper] tab. |
| Windows 2000/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 Default dialog box. |
| Macintosh | [Paper] on the [Page Attributes] tab in the Page Setup dialog box. |

Reference

For more information about the paper sizes supported by this machine, see the *General Settings Guide*.

Paper Type

Use this to select the paper type.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|--|
| Windows 95/98/Me | [Type] on [All Pages] on the [Paper] tab. |
| Windows 2000/XP | [Media] on the [Paper/Quality] tab in the Printing Preferences dialog box. |
| Windows NT 4.0 | [Media] on [Paper/Output] on the [Advanced] tab. |
| Macintosh | [Paper Type] on [Printer Specific Options] in the print dialog box. |

Reference

For more information about the paper type supported by this machine, see the *General Settings Guide*.

Paper Source

Use this to select the paper sources.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Tray] on [All Pages] on the [Paper] tab. |
| Windows 2000/XP | [Paper Source] on the [Paper/Quality] tab in the Printing Preferences dialog box. |
| Windows NT 4.0 | [Paper Source] on the [Page Setup] tab in the Document Default dialog box. |
| Macintosh | [Paper Source] on [General] in the print dialog box. |

Orientation

Use this to select the feed direction of the paper.

The following table shows the tab or menu where you can select this function.

| | |
|------------------|--|
| Windows 95/98/Me | [Orientation] on the [Setup] tab. |
| Windows 2000/XP | [Orientation] on the [Layout] tab. |
| Windows NT 4.0 | [Paper/Output] on the [Advanced] tab. |
| Macintosh | [Orientation] on the [Page Attributes] tab in the Page Setup dialog box. |

Destination Tray

Use this to select the output tray.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Destination] on the [Paper] tab. |
| Windows 2000/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. |
| Macintosh | [Destination] on [Printer Specific Options] in the print dialog box. |

Resolution

The resolution is fixed to [600dpi].

Gradation

Use this to select a type of gradation based on your purpose.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Print Quality] tab. |
| Windows 2000/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. |
| Macintosh | [Gradation:] on [Printer Specific Options] in the print dialog box. |

You can select the following items:

❖ **Fast**

Prints quickly while gradation loses some smoothness.

❖ **Standard**

Prints with good quality of gradation.

Color Profile

Use this to select the color profile pattern.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Advanced] on the [Print Quality] tab. |
| Windows 2000/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. |
| Macintosh | [Color Profile:] on [Printer Specific Options] in the print dialog box. |

You can select the following items.

Important

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

Auto

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

Photographic

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

Presentation

Use this setting to enhance the reproduction of documents that contain 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, the color or gradations might not be reproduced well.

Solid Color

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

User Setting

Use this setting to print using the halftone setting you entered.

Note

- Use this 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]**, **[Solid Color]** and **[User Setting]**.

Color Setting

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

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Advanced] on the [Print Quality] tab. |
| Windows 2000/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. |
| Macintosh | [Color Setting:] on [Printer Specific Options] in the print dialog box. |

Important

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

Note

- The color rendering dictionary that is 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 one of the machine's built- in color rendering dictionaries and perform CMYK conversion. This setting performs the printing which output target is Monitor $\gamma = 1.8$.

❖ Super Fine

Select this setting to use a color rendering dictionary as in the “Fine” setting but produce output that is more vivid. Use this setting to emphasize light colors. This setting performs the printing which output target is Monitor $\gamma = 2.2$.

Note

- Use this 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 Settings”. The following items are available: [Auto], [Photographic], [Presentation], [Solid Color] and [User Setting].

Dithering

Use this to set the Image Rendering mode.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Advanced] on the [Print Quality] tab. |
| Windows 2000/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. |
| Macintosh | [Dithering] on [Printer Specific Options] in the print dialog box. |

Important

If you use Windows 95/98/Me, you can configure [Dithering] in [Advanced] by selecting [Manual] from [Color] setting. [Automatic] sets the machine to "Auto".

You can select the following items:

❖ Auto

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

❖ Photographic

Performs dithering using an appropriate pattern for photographs.

❖ Text

Performs dithering using an appropriate pattern for text.

❖ Graphics

Use this setting to perform dithering using a pattern appropriate for graphics such as tables and graphs.

❖ User Setting

Use this setting to print using the halftone setting you entered.

Gray Reproduction

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

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Advanced] on the [Print Quality] tab. |
| Windows 2000/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. |
| Macintosh | [Black Text/Graphics] on [Printer Specific Options] in the print dialog box. |

Important

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

Note

- If you use Windows 2000, Windows XP, Windows NT 4.0 or a Macintosh, this function is called “Black Text/Graphics”.

You can select the following items:

❖ **Pure Black Text**

Select this setting to use a black toner.

Note

- If you use Windows 2000, Windows XP, Windows NT 4.0 or a Macintosh, this mode is called “K”.

❖ **CMY+K**

Select this setting to use all toners.

Black Over Print

Select whether or not to apply a black color over any other colors when printing. The following table shows the tabs or menus where you can select this function.

| | |
|------------------|--|
| Windows 95/98/Me | [Advanced] on the [Print Quality] tab. |
| Windows 2000/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. |
| Macintosh | [Black Over Print:] on [Printer Specific Options] in the print dialog box. |

Important

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

Toner Saver

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

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|--|
| Windows 95/98/Me | [Toner Saving] on the [Print Quality] tab. |
| Windows 2000/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. |
| Macintosh | [Toner Saver] on [Printer Specific Options] in the print dialog box. |

Note

- When you use Windows 95/98/Me, this function is called “Toner Saving”.

Color Control

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

The following table shows the tabs or menus where you can select this function.

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

Note

- If you use Windows 2000 or Windows XP, this function is called “Image Color Management”.
- If you use Windows NT 4.0, this function can not be configured.
- If you use a Macintosh, this function is called “Color Matching”.

❖ Image Color Control

Display the Image Color Matching dialog box, click this button to specify exactly how you want the colors on your screen adjusted before printing.

Staple

Use this function to staple sheets of printed paper together.

Limitation

- When stapling, use the finisher option. See the *Copy Reference* or the *Printer Reference 2*.

Note

- For more information about the stapling location, see “Staple”, *Printer Reference 2*.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|--|
| Windows 95/98/Me | [Staple] on the [Setup] tab. |
| Windows 2000/XP | [Printer Features] on [Advanced] on the [Paper/Quality] or [Layout] tab. |
| Windows NT 4.0 | [Printer Features] on [Document Options] on the [Advanced] tab. |
| Macintosh | [Printer Specific Options] in the print dialog box. |

User Code

Use this 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 with SmartNetMonitor for Admin.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|--|
| Windows 95/98/Me | [User Code] on the [Statistics] tab. |
| Windows 2000/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 Printer Properties dialog box. |
| Macintosh | [User Code] on [Job Log] in the print dialog box. |

Note

- The “User Code” can consist of up to eight alphanumeric (a-z, A-Z, 0-9) characters.

Reference

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

Options

See “Setting Up Options”, *General Settings Guide* for the installation method appropriate to your printing environment.

The following table shows the tabs or menus where you can select this function.

| | |
|------------------|---|
| Windows 95/98/Me | [Options] on the [Accessories] tab. |
| Windows 2000/XP | [Installable Options] on the [Device Settings] tab. |
| Windows NT 4.0 | [Installable Options] on the [Device Settings] tab. |
| Macintosh | [Chooser] on the Apple Menu. |

❖ Tray 3 and 4

- Select the tray with the following menu:
Paper Source, see p.11 “Paper Source”.

❖ Tray 3 (LCT)

- Select the tray with the following menu:
Paper Source, see p.11 “Paper Source”.

❖ Bypass Tray

- Select the tray with the following menu:
Paper Source, see p.11 “Paper Source”.

❖ Internal Tray

- Select the tray with the following menu:
Destination, see p.12 “Destination Tray”.

❖ Shift Tray

- Select the tray with the following menu:
Destination, see p.12 “Destination Tray”.

❖ Finisher 1000

- Select with the following menu:
Destination, see p.12 “Destination Tray”.

❖ Finisher 500

- Select with the following menu:
Destination, see p.12 “Destination Tray”.

❖ Duplex Unit

- Use the following function with the Duplex Unit:
Duplex, see p.9 “Duplex Printing”.

2. Printer Utility for Mac

Using the Printer Utility for Mac, you can download fonts, change the name of the machine and so on.

Note

- The Printer Utility for Mac is included on the CD-ROM labeled “Printer Drivers and Utilities”.
- The Printer Utility for Mac requires Mac OS 8.6 or later. (Mac OS X Classic environment is supported.)

Installing the Printer Utility for Mac

Follow these steps to install the Printer Utility for Mac on the machine.

1 Start the Macintosh.

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

The CD-ROM icon appears.

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

4 Double-click the CD-ROM icon.

The contents of the CD-ROM appear.

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

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

Printer Utility for Mac is installed.

Starting the Printer Utility for Mac

The following instructions describe how to start the Printer Utility for Mac.

Important

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

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

The Printer Utility for Mac dialog box appears.

2 Click **[OK]**.

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

Reference

For more information, see p.23 “Printer Utility for Mac Functions”.

Printer Utility for Mac Functions

Printer Utility for Mac functions are described below.

❖ File menu

- **[Download PS Fonts...]**
Download fonts (PostScript Type 1) to the machine. See p.24 “Downloading PS Fonts”.
- **[Display Printer's Fonts...]**
Display and delete the fonts in machine memory and the machine's hard disk drive. See p.25 “Displaying the Machine's Fonts”.
- **[Initialize Printer's Disk...]**
Initialize the machine's hard disk drive. See p.26 “Initializing the Hard Disk”.
- **[Page Setup...]**
Set up the paper size to print “Printer Font Catalog” and “Printer Font Sample”. See p.26 “Page Setup”.
- **[Print Font Catalog...]**
Print the names of available fonts. See p.26 “Printing the Font Catalog”.
- **[Print Font Sample...]**
Print a sample of fonts. See p.27 “Printing Font Samples”.
- **[Rename Printer...]**
Change the machine's name when viewed via Appletalk. See p.27 “Renaming the Machine”.
- **[Restart Printer]**
Restart the machine. See p.28 “Restarting the Machine”.

❖ Utility menu

- **[Download PostScript File...]**
Download a PostScript File. See p.28 “Downloading PostScript Files”.
- **[Select Zone...]**
Change the zone the machine belongs to via Appletalk. See p.28 “Selecting the Zone”.
- **[Display Printer Status...]**
Display the status of the machine. See p.29 “Displaying the Machine Status”.
- **[Launch Dialogue Console...]**
Create and edit a PostScript file, and download it to the machine. See p.29 “Launching the Dialogue Console”.

Downloading PS Fonts

You can download the PS fonts to the machine's memory or hard disk drive.

Important

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

Note

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

1 Select **[Download PS Fonts...]** on the **[File]** menu.

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

The dialog box to select fonts appears.

3 Click to select the desired font files, and then click **[Open]**.

The 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 download, and the download status is shown.

Important

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

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

7 Click **[Cancel]**.

Displaying the Machine's Fonts

You can display the available fonts currently downloaded to the machine. Fonts in the machine's memory and hard disk drive can be displayed.

 **Note**

The fonts displayed in Italics are the default fonts.

1 Select **[Display Printer's Fonts...]** on the **[File]** menu.

A dialog box appears.

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

3 Click **[OK]**.

Deleting Fonts

You can delete fonts from the machine's memory or hard disk drive.

1 Select **[Display Printer's fonts]** on the **[File]** menu.

A dialog box appears.

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

3 Select the fonts you want to delete.

 **Limitation**

You cannot delete the fonts displayed in Italic.

4 Click **[Delete]**.

A confirmation message appears.

5 Confirm the fonts you want to delete and the machine name from which you want to delete the fonts.

6 Click **[Continue]**, and then click **[OK]**.

7 Click **[OK]**.

Initializing the Hard Disk

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

Important

- When initializing the machine's hard disk drive from the control panel, all of the data on the machine's optional hard disk drive, including other areas that do not use PostScript 3, are deleted. Before initializing, be sure to check the data on the optional hard disk kit.

1 Select **[Initialize Printer's Disk...]** on the **[File]** menu.

The confirmation message appears.

Note

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

2 Click **[Execute]**.

Initializing starts.

Important

- Do not turn off the power switch until initializing is completed, otherwise the hard disk drive may get damaged.

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

Page Setup

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

1 Select **[Page Setup...]** on the **[File]** menu.

2 Choose the paper size.

Printing the Font Catalog

You can print the names of fonts available on the machine.

Note

- The paper selected under **[Page Setup]** is used.

1 Select **[Print Fonts Catalogue]** on the **[File]** menu.

2 Click **[Print]**.

Printing Font Samples

You can print samples of fonts downloaded to the hard disk drive or memory.

 **Note**

The paper selected under **[Page Setup]** is used.

1 Select **[Print Fonts Sample...]** on the **[File]** menu.

2 Click **[Print]**.

2

Renaming the Machine

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

1 Select **[Rename Printer...]** on the **[File]** menu.

2 Type a new name in the **[New Name]** field.

 **Limitation**

You can enter up to 31 digits and letters.

Do not use symbols, for example "*", ":", "=", "@", "~".

3 Click **[Rename]**.

The machine name is changed.

4 Press **[OK]**.

5 Select **[Chooser]** on the Apple menu.

6 Click the **[AdobePS]** icon.

7 Click to select the machine name renamed in step **2**, and then close **[Chooser]**.

 **Note**

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

Restarting the Machine

You can restart the machine.

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

The machine restarts.

 **Note**

- The fonts that you downloaded in the machine's memory will be deleted.
- If the machine restarts, all the machine settings return to their defaults.

Downloading PostScript Files

You can download a Postscript file to the machine.

- 1** Select **[Download PostScript File...]** on the **[Utility]** menu.
- 2** Select the file name to download and click the file name, and then click **[Open]**.
- 3** Type the 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 machine belongs under Appletalk.

 **Important**

- Confirm that the machine and a Macintosh are connected in an Appletalk environment.

- 1** Select **[Select Zone...]** on the **[Utility]** menu.
The zone to which the machine belongs and the available zone list appear.
- 2** Select the zone to which you want to switch the printer to, and then click **[Change]**.
A confirmation message appears.
- 3** Click **[Continue]**.
A confirmation message appears.

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

Displaying the Machine Status

You can display and confirm the current status of the machine.

- 1** Select [Display Printer Status...] on the [Utility] menu.

The current status of the machine appears.

- 2** Confirm the current status of the machine.

You can confirm the memory capacity, the VM (Virtual Memory) space, the hard disk drive status and available space on the hard disk drive. You can also confirm the zone to which the machine belongs.

- 3** Click [OK].

Launching the Dialogue Console

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

Important

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

- 1** Select [Launch Dialogue Console...] on the [Utility] menu.

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

- 2** Type the PostScript command in the editor screen.

Note

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

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

The PostScript file is sent to the machine.

 **Note**

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

2

- 4** Select **[Return To Main Menu]** on the **[Console]** menu to close the PostScript file.

INDEX

B

Black Over Print, 16

C

Collate, 8
Color Control, 17
Color Mode, 10
Color Profile, 13
Color Setting, 14

D

Destination Tray, 12
Dialogue Console
 Launching, 29
Dithering, 15
Document Server, 6
Duplex Printing, 9

F

Font Catalog
 Printing, 26
Fonts
 Deleting, 25
 Displaying, 25
Font Samples
 Printing, 27
Functions
 Printer Utility for Mac, 23

G

Gradation, 12
Gray Reproduction, 15

H

Hard Disk
 Initializing, 26

J

Job Type, 1

L

Locked Print, 4

M

Macintosh
 Deleting fonts, 25
 Displaying the machine's fonts, 25
 Displaying the machine status, 29
 Document Server, 8
 Downloading PostScript files, 28
 Downloading PS Fonts, 24
 Duplex Printing, 9
 Initializing the Hard Disk, 26
 Launching the Dialogue Console, 29
 Locked Print, 6
 Page Setup, 26
 Printing Font Samples, 27
 Printing the Font Catalog, 26
 Renaming the machine, 27
 Restarting the machine, 28
 Sample Print, 4
 Selecting the Zone, 28

O

Options, 19
 Setting up, 1
Orientation, 12

P

Page Setup, 26
Paper Size, 11
Paper Source, 11
Paper Type, 11
PostScript files
 Downloading, 28
Printer Utility for Mac, 21
 Functions, 23
 Installing, 21
 Starting, 22
PS Fonts
 Downloading, 24

R

Renaming the machine, 27
Resolution, 12
Restarting the machine, 28

S

Sample Print, 2
Staple, 18
Status
 Displaying, 29

T

Toner Saver, 17

U

User Code, 18

W

Windows 2000/XP
 Document Server, 7
 Duplex Printing, 9
 Locked Print, 5
 Sample Print, 3
Windows 95/98/Me
 Document Server, 6
 Duplex Printing, 9
 Locked Print, 4
 Sample Print, 2
Windows NT 4.0
 Document Server, 7
 Duplex Printing, 10
 Locked Print, 5
 Sample Print, 3

Z

Zone
 Selecting, 28



PostScript 3 Board Type 1232 Operating Instructions Supplement