

# POSTSCRIPT3 INTERFACE UNIT TYPE510

## Operating Instructions Supplement



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

## **Introduction**

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 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 machine.

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## **Notes:**

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

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

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# 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 printer driver, see the printer driver's Help.

### Preparation

On a Macintosh, Mac OS 8.6 or later (Mac OS X Classic environment is supported.) or Mac OS X 10.1 or later is required.

### Limitation

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

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## Job Type

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You can select only **[Normal]** when using this function.

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

Windows 95/98/Me	<b>[Job Type]</b> on the <b>[Setup]</b> tab.
Windows 2000, Windows XP	<b>[Job Type]</b> on the <b>[Job/Log]</b> tab in the Printing Preferences Properties.
Windows NT 4.0	<b>[Job Type]</b> on the <b>[Job/Log]</b> tab in the Document Defaults dialog box.
Mac OS	<b>[Job Type]</b> on <b>[Job Log]</b> in the print dialog box.

### Note

- If you want to use an User ID, click the **[Detail]** button.

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## Collate

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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, the optional Memory Unit of 96MB in total must be installed on the printer.

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

Windows 95/98/Me	<b>[Collate]</b> on the <b>[Setup]</b> tab.
Windows 2000, Windows XP	<b>[Printer Features]</b> on <b>[Advanced...]</b> on the <b>[Paper/Quality]</b> tab in the Printing Preferences Properties.
Windows NT 4.0	<b>[Printer Features]</b> on <b>[Document Options]</b> on the <b>[Advanced]</b> tab in the Document Defaults dialog box.
Mac OS	<b>[Collate:]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	The <b>[Collated]</b> check box on <b>[Copies &amp; Pages]</b> in the print dialog box.

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## Paper Selection

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### Paper Sources and Output Tray Tabs

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Use this to select the media type, input tray, and output tray on the following tabs.

 **Limitation**

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

 **Reference**

For more information about the **[Paper Sources and Output Tray]** tabs. See the Help file for the printer driver.

## Paper Size

Use this to select the size of paper you want to use.

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

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

### Reference

For more information about the paper sizes supported by this printer, see "*Paper and Other Media Supported by This Printer*" in the Operating Instructions <Basic Features>.

## Media 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	<b>[Type:]</b> on <b>[All Pages]</b> on the <b>[Paper]</b> tab.
Windows 2000, Windows XP	<b>[Media:]</b> on the <b>[Paper/Quality]</b> tab in the Printing Preference Properties.
Windows NT 4.0	<b>[Paper/Output]</b> on the <b>[Advanced]</b> tab in the Document Defaults.
Mac OS	<b>[Paper Type:]</b> on <b>[Printer Specific Options]</b> in the print dialog box.
Mac OS X	<b>[Paper Type]</b> on <b>[Printer Features]</b> in the print dialog box.

### Reference

For more information about the media type supported by this printer, see "*Paper and Other Media Supported by This Printer*" in the Operating Instructions <Basic Features>.

## 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, Windows XP	The [Paper/Quality] tab in the Printing Preferences Properties.
Windows NT 4.0	The [Page Setup] tab.
Mac OS	[Paper Source:] on [General] in the print dialog box.
Mac OS X	[Paper Feed] in the print dialog box.

## Resolution

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

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

Windows 95/98/Me	[Print Quality] tab
Windows 2000, Windows XP	[Printer Features] on [Advanced...] on the [Paper/Quality] tab in the Printing Preferences Properties
Windows NT 4.0	[Graphic:] 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 [Printer Features] in the print dialog box.

## Edge Smoothing

Use this function to improve the print quality of text and graphics when printing. Indentations in curved lines are automatically smoothed to produce a cleaner appearance.

### ! Limitation

- When Edge Smoothing is selected, Toner Saving is not enabled.

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

Windows 95/98/Me	[Edge Smoothing] on the [Device Options] 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 in the Document Defaults dialog box.
Mac OS	[Printer Specific Options] in the print dialog box
Mac OS X	[Print Mode] on [Printer Features] in the print dialog box.

## Toner Saving

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

### Note

- When you use Mac OS or Mac OS X, this function is called "Toner Saving".

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

### Reference

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

## Options

The following table shows the tabs or menus 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 in Properties.
Windows NT 4.0	[Option] on the [Device Setting] tab in Properties.
Mac OS	[Chooser] on the Apple Menu.
Mac OS X	This function is not available.

### ❖ Tray 2 ~ 5

- You can select the other tray with the following menu for an additional PAPER FEED UNIT TYPE510:  
Paper Source⇒ p.4

### ❖ Bypass Tray

- You can select the tray with the following menu for an additional BYPASS FEEDER TYPE510:  
Paper Source⇒ p.4

### ❖ Total Memory

- You can use the following function with Memory Unit TypeC 64MB:  
Collate⇒ p.2

## 2. Printer Utility for Mac

By using Printer Utility for Mac, you can download fonts, change the name of the printer 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 MacOS8.6 ~ 9.x (Mac OS X 10.1~ is supported.)

## Installing Printer Utility for Mac

Follow these steps to install 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 [Mac OS 8 and 9] folder.

### **Note**

- Under Mac OS X, Double-click the [Mac OS X] folder.

**6** 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.

**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

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

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

The Printer Utility for Mac dialog box appears.

2

**2** Click [OK].

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

 **Note**

- If you change zones, select a name from [Available Network Zones:].
- Under Mac OS, click [Choose Printer..] on the Apple menu if you want to change the printer.
- Under Mac OS X, click [Choose Printer..] on the Printer Utility for Mac menu if you want 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...]**  
Download fonts (PostScript Type 1) to the printer. See p.10 “Downloading PS Fonts”.
- **[Display Printer's Fonts...]**  
Display and delete the fonts in printer memory and the printer's hard disk drive. See p.11 “Displaying Printer's Fonts”.
- **[Rename Printer...]**  
Change the printer's name when viewed via Appletalk. See p.12 “Renaming the Printer”.
- **[Restart Printer]**  
Restart the printer. See p.12 “Restarting the Printer”.

## ❖ Utility menu

- **[Select Zone...]**  
Change the zone the printer belongs to via Appletalk. See p.13 “Selecting the Zone”.
- **[Display Printer Status...]**  
Display the status of the printer. See p.14 “Displaying the Printer Status”.
- **[Launch Dialogue Console...]**  
Create and edit a PostScript file, and download it to the printer. See p.14 “Launching the Dialogue Console”.

## Downloading PS Fonts

You can download the PS fonts to the printer's memory.

### 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 printer restarts, all the printer settings return to their defaults.
- Confirm that Macintosh and the printer 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]**.

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## Displaying Printer's Fonts

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You can display the available fonts currently downloaded to the printer. Fonts in the printer's memory 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]**.

**3** Click **[OK]**.

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## Deleting Fonts

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You can delete fonts from the printer's memory.

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

A dialog box appears.

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

**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 printer name from which you want to delete the fonts.

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

**7** Click **[OK]**.

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## Renaming the Printer

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You can change the printer'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 printer 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 printer name is changed.

**4** Press [OK].

**5** Select the printer you want to use.

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## Restarting the Printer

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You can restart the printer.

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

**2** Confirm the message that appears on the screen, and then click [Restart].

The printer restarts.

 **Note**

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

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## Downloading PostScript Files

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You can download a PostScript file to the printer.

- 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.

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## Selecting the Zone

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

 **Important**

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

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

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## Displaying the Printer Status

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

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

The current status of the printer appears.

**2** Confirm the current status of the printer.

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 printer belongs.

**3** Click **[OK]**.

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## Launching the Dialogue Console

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You can create and edit a PostScript file for printing, and 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 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 printer.

#### Note

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

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

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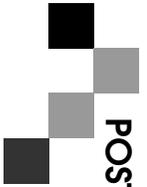
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