



Tech Info Library

LaserWriter 8.2.3f: Read Me (1/96)

Revised: 1/4/96
Security: Everyone

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Article Created: 4 January 1996

TOPIC -----

This article contains the ReadMe file included with the LaserWriter 8.2.3f software posted online.

DISCUSSION -----

About the LaserWriter 8 Fax Printer Driver Version 8.2.3f

This document contains some important reminders and some information that is not in the manual that comes with your printer. You may want to print this document and keep it for future reference.

The software on this disk includes version 8.2.3f of the Apple LaserWriter 8 fax printer driver, which works with the LaserWriter Select 360f, LaserWriter Pro 810f, and the LaserWriter 16/600 PS Fax. This document includes information about the software, as well as about several of the printers.

About the LaserWriter 8f Printer Driver

When you set up your printer, you install the LaserWriter 8 printer driver and the fonts and printer software that you need. When you install the fax card option, you also must install the LaserWriter 8 fax printer driver to enable the printer's faxing capabilities. Both drivers are installed in the Extensions folder in your System Folder. They provide identical printing capabilities. To use the fax capabilities of your printer, you should open the Chooser and select the fax driver whenever you want to use the printer for faxing.

Installing the Printer Driver Software

The manual that comes with your printer contains detailed installation instructions. You cannot install the software by dragging icons; you must use

the Installer program as described in the printer manual.

IMPORTANT Before installing the printer software, you should restart your system with all Extensions turned off. To do this, hold down the Shift key while you restart your computer.

The Installer places the following files in the System Folder on your hard disk:

- LaserWriter 8f is placed in the Extensions folder.
- The PostScript Printer Description (PPD) files that are used by LaserWriter 8 are in the Printer Descriptions folder located in the Extensions folder.
- The Apple Printer Utility and Read Me information are placed in the Apple LaserWriter Software folder.
- The LaserWriter Fax Utility and LaserWriter Fax Log are installed in a folder called LaserWriter Fax Software (placed within the System Folder).
- The Chooser 7.3 desk accessory is placed in your Apple Menu Items folder if you have an older version.
- The PrintMonitor 7.1.2 is placed in your Extensions folder if you have an older version.

About PPD Files

The LaserWriter 8f driver uses PostScript Printer Description (PPD) files to determine the characteristics of the printers it uses. PPD files contain information about individual PostScript printers. For example, PPD files describe the paper-handling capabilities of printers: the number of paper trays, their capacity, and the paper sizes they handle. Installing the fax card software for the printer installs an additional PPD that supports the faxing capabilities of the printer.

To take full advantage of your printer's features, click the Setup button in the Chooser when selecting your printer for the first time or after installing an additional option. This procedure causes the LaserWriter driver to query the printer for its characteristics and associate a particular PPD file with the printer. The driver will automatically select the PPD that supports the faxing capabilities of your printer.

About Creating EPS Files

You can create an Encapsulated PostScript (EPS) file in many application programs by clicking File in the Print dialog box, then clicking Save. When you create an EPS file, note the following:

- Creating EPS files with the All option selected in the Font Inclusion pop-up menu in the EPS dialog box can result in very large files. If you include all fonts in an EPS file and save the file with the Unlimited Downloadable Fonts option selected, an extremely large file may be created.
- If you create an EPS file with no fonts included and open the document, fonts in the document appear on your screen, but Courier may be substituted when you

print.

- When you create EPS files with preview information included, other applications that create their own PostScript code may not display the EPS file accurately on the screen.

About the LaserWriter Fax Utility and the Apple Printer Utility

Installing the LaserWriter Fax printer driver software installs the LaserWriter Fax Utility, which you should use to configure the faxing capabilities of the printer.

When you installed the LaserWriter 8 driver and printer software, the Installer placed the Apple Printer Utility program in a folder named "Apple LaserWriter Software." The Apple Printer Utility program is designed to configure your LaserWriter printer.

Using a Hard Disk to Store Fax Data

If a hard disk is attached to your printer, you can use it to hold incoming fax data before it is printed, and to hold outgoing fax data before it is transmitted. (By default, fax jobs are stored in printer RAM.)

Because more space is typically available on a hard disk than in RAM, storing fax data on a hard disk allows you to receive and transmit longer faxes without having to divide them up into smaller transmissions.

To configure your printer to use an attached hard disk to store fax jobs, open the Apple Printer Utility and choose Send PostScript File from the File menu. Select the file "UseDiskForFax" in the LaserWriter Fax Software folder in the System Folder, click Add, then click Send.

To configure your printer to use RAM to store fax jobs, open the Apple Printer Utility and choose Send PostScript File from the File menu. Select the file "UseRAMForFax" in the LaserWriter Fax Software folder in the System Folder, click Add, then click Send.

After downloading either file to the printer, you must restart the printer for the change to take effect.

IMPORTANT If you use a hard disk to hold fax data and you later want to disconnect the hard disk from the printer, be sure to configure the printer to use RAM to store fax jobs before you remove the hard disk. Otherwise, your printer will take a little longer to start up the first time when it detects that the hard disk has been removed.

Using the LaserWriter 8 Fax Printer Driver With LaserWriter Printers

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When using the LaserWriter 8.2.3f driver, you should be aware of the following situations. Some happen with all LaserWriter printers, and others happen only with specific models.

All LaserWriter Printers

- The LaserWriter 8.2.3f driver allows some printers to print using a larger imageable print area on the page. If your printer does so, you may find that text in some documents reflows or is clipped to fit the new imageable area. To maintain your document format when printing to different printer models, deselect the Larger Print Area option in the Page Setup Options dialog box.
- Some older printers with small amounts of memory will not print documents containing large numbers of fonts unless the Unlimited Downloadable Fonts option is selected in the Page Setup Options dialog box. If a document using multiple fonts doesn't print using the LaserWriter 8 driver, try selecting Unlimited Downloadable Fonts in the Page Setup Options dialog box and print again.
- Printing multiple documents with the Finder may not work if the documents have been created by different application programs.
- If you encounter a time-out (PostScript error -8993) when printing multiple copies of large and complex documents in the background, print the documents one at a time or select foreground printing to avoid this problem.
- Note the following when you create rotated text, saved as a PICT file, and import it into a document as a graphic: Though you may position rotated text in the frame so that parts of it should not be visible and should not print (is clipped), the text will still appear on the printed document.

LaserWriter 16/600 PS

- If Tray Switching is turned on and you have installed the optional 500-sheet feeder, and it contains the same paper size as the 250-sheet feeder, you should set up the driver to use the 500-sheet feeder as the preferred paper source for optimal printing performance. See the manual that came with your printer for instructions on selecting the 500-sheet feeder as the preferred paper source.

LaserWriter Pro 810

- With some graphics programs, bitmapped graphics will be reduced by 25% in size when printed with the Precision Bitmap Alignment option in the Page Setup Options dialog box.
- When you create a PostScript file with a LaserWriter Pro 810 selected as the printer and send the file to a printer that uses PostScript Level 1, a PostScript error will occur.

LaserWriter Pro 600 and 630

- You cannot use Auto Select as the Paper Source in the Print dialog box to print envelopes from the optional envelope feeder.

- When you print at a resolution of 600 dots per inch (dpi), bitmapped images may appear with lines across the image.

LaserWriter II NT and II NTX

- If you select both the Smooth Graphics and the Invert Image options in the Page Setup Options dialog box, a PostScript error results.
- Do not use the B5 tray to print envelopes on a LaserWriter II NT. Use the letter tray instead.

LaserWriter IIg and IIif

- When you select paper sources from the First From and Remaining From pop-up menus in the Print dialog box, selecting Manual Feed for either source sets the driver to print the first page from the manual feed tray.
- The US Legal paper size has been changed on some LaserWriter IIif/IIg printers to be more compatible with other Apple LaserWriter printers. If your legal-sized documents no longer fit on the page, select Larger Print Area in the Page Setup Options dialog box.
- Some form-printing programs cannot print forms using the Layout settings in the Page Setup dialog box.

Using the LaserWriter 8 Driver With the Kanji System

To print Japanese characters using KanjiTalk or the Japanese Language Kit, your system must have WorldScript II version 7.1.1 or later.

Using the LaserWriter 8 Driver With Application Programs

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Some application programs do not yet take advantage of the new features of the LaserWriter 8 driver or have small incompatibilities that result in printing problems. If you experience problems with a program, contact the publisher of the program. In some cases a newer version of the program may be available.

The following list describes some special cases that you should be aware of when working with some application programs. (There may be other problems with these programs, or with other programs, not mentioned in this document.)

- With many programs, you cannot use the Flip Horizontal, Flip Vertical, landscape page orientation, and Layout option in the Page Setup dialog box in combination.

Aldus Freehand 4.0

- Documents do not print correctly when you choose a page layout from the Layout pop-up menu in the Page Setup dialog box.
- EPS files created using the LaserWriter 8 driver from within Freehand cannot

be used in other programs.

Aldus PageMaker 5.0

- Rotated graphics may not print correctly when you hold down the Option key and click Print in the Print dialog box.
- You cannot print legal-size documents from the paper cassette of the Personal LaserWriter 320; print such documents by selecting Manual Feed or by holding down the Option key and clicking Print in the Print dialog box.

Aldus SuperPaint 3.5

- Rotated or filled polygons print as solid gray objects.
- Gradient fills may not print when copied into other programs.

Canvas 3.5

- When you select the Substitute Fonts option in the Page Setup Options dialog box, text may be incorrectly spaced if fonts Geneva, New York or Monaco are used.

CricketDraw III 2.01

- When you choose a page layout from the Layout pop-up menu in the Page Setup dialog box, underlined TrueType fonts may not print.

CricketPresents 2.1

- You cannot import an EPS file created with the LaserWriter 8 driver when it has been saved without preview information.

FileMaker Pro 2.1

- When you choose a page layout from the Layout pop-up menu in the Page Setup dialog box, documents that contain EPS graphics may appear clipped when printed.

Freehand 5.0

- When you are printing with Freehand 5.0, make sure to set the Output Device Setup in the Print Options dialog box to "Use defaults." If you have a PPD selected, the QuickDraw GX driver will only print a blank page.

Informed Manager 1.4

- When you select the Unlimited Downloadable Fonts option, some graphic elements may shift or disappear when printed.

Lotus 1-2-3 1.1

- Text printed with the Outline or Shadow text style appears filled with gray.

MacDraft 3.01 and earlier versions

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- When you print using the Cut Marks option, a PostScript error results.

Microsoft PowerPoint 3.0

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- Polygons and ovals filled with gradients and without a border line may shift locations on the page when printed.

Microsoft Works 3.0

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- Printing documents that have rotated objects with rounded corners results in a PostScript error.

Painter 2.0

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- When you print using the Invert option, images do not print inverted correctly.

PixelPaint Pro 3.0

-
- When you print using the Invert option, images do not print inverted correctly.

QuarkXPress 3.3

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- Be sure to use the PPDs provided with QuarkXPress when you choose a page layout from the Layout pop-up menu in the Page Setup dialog box.

RagTime 3.2

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- You cannot print documents that contain PICT or TIFF files.

ReadySetGo! 6.0

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- Use ReadySetGo! version 6.0 with the LaserWriter 8 printer driver; earlier versions will not work.
 - You cannot print documents that use pen patterns.

SoftWindows

-
- When you print with Autosend on, don't select the option to print before the print job has finished spooling to the Macintosh, or PostScript syntax errors will occur.

Studio/8 & Studio/32

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- When creating an EPS file with these programs and the LaserWriter 8 driver, you must select the QuickDraw Printer option.

WordPerfect 3.0

-
- When you select the Unlimited Downloadable Fonts option and print rotated text in Watermark, the entire document rotates when printed.

How to Get Updated Printer Software

If you need to update your printer software and you have an AppleLink account, you can obtain the latest versions of the LaserWriter 8 software from AppleLink.

Follow this path to locate the LaserWriter 8 software:

Apple Products
Apple Software Updates
Macintosh
Printing Software

The latest LaserWriter 8 software is also available from Apple's ftp site on the Internet. The path is:

/ftp/dts/mac/sys.soft/laserwriter.8.2/.

Printing With QuickDraw GX

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Using Manual Feed

- If you select manual feed, and the printer still prints from the cassette, try to print by selecting Automatic Paper Feed from the GX Print dialog box first. Then, print again by selecting Manual Feed.

Freehand 5.0

- When you print with Freehand 5.0, make sure to set the Output Device Setup in the Print Options dialog box to "Use defaults." If you have a PPD, selected the QuickDraw GX driver will only print a blank page.

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Tech Info Library Article Number:19158