

LASERWRITER AND LASERWRITER PLUS PRINTERS

Upgrade to PostScript Rev 47

An upgrade to the latest version of PostScript (Revision 47) is now available for older models of the ORION[†] LaserWriter and LaserWriter Plus printers which will bring them up to the same specification as the new LaserWriter II NT. PostScript Revision 47 was first shipped with the LaserWriter Plus on 29 September 1987. If you have a LaserWriter, or a LaserWriter Plus which was bought before that date, you should consider purchasing this upgrade.

Benefits

The main advantages of the new version to owners of previous models of the LaserWriter Plus are

- Fonts are constructed up to 25% more quickly
- Bit map images are processed 40% faster

But the most significant advantage is to owners of the LaserWriter, for it provides them with an additional seven font families.

Font families supported

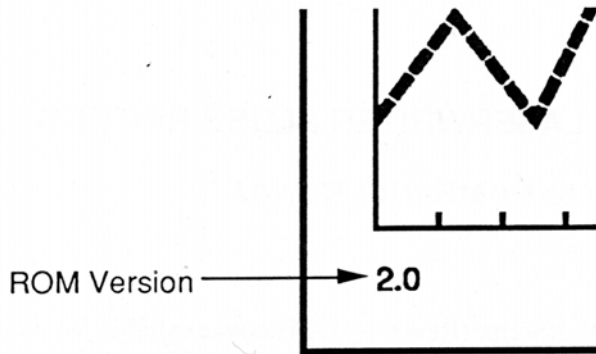
After the upgrade, the following fonts will be available, each in plain, bold, italic and bold italic styles:

Times	The quick brown fox jumps over the lazy dog
Helvetica	The quick brown fox jumps over the lazy dog
Courier	The quick brown fox jumps over the laz
Symbol	Τηε θυιχκ βροων φοξ φυμπσ οωερ τηε λαζψ δογ
ITC Avant Garde	The quick brown fox jumps over the lazy dog
ITC Bookman	The quick brown fox jumps over the lazy do
Helvetica Narrow	The quick brown fox jumps over the lazy dog
New Century Schoolbook	The quick brown fox jumps over the lazy dog
Palatino	The quick brown fox jumps over the lazy dog
ITC Zapf Chancery	<i>The quick brown fox jumps over the lazy dog</i>
ITC Zapf Dingbats	*** □♦*** ⦿□□▶■ ❁□ ❁♦○□▲ □❖

[†] ORION is a registered trademark of High Level Hardware Limited.

Determining the current version of PostScript

The simplest way of finding out the current revision level of PostScript in your LaserWriter or LaserWriter Plus is to examine the ROM version number contained in the test page which is printed at power-on.



Portion of LaserWriter Plus test page. This LaserWriter contains ROM version 2.0, indicating that the version of PostScript is earlier than Revision 47.

If the ROM version is earlier than 3.0, then the printer contains a version of PostScript earlier than Revision 47.

You can also find out the current version of PostScript in your LaserWriter or LaserWriter Plus by setting it to interactive mode. Connect a terminal with a standard RS-232 interface to the LaserWriter Plus via its 25-pin connector. You will probably need to use a cable that crosses the Transmit and Receive Data signals (a "null modem"). A Macintosh running MacTerminal can be connected to the 25-pin connector using an Apple ImageWriter I cable, or to the 9-pin one using an Apple Modem cable. Select one of the batch mode switch positions ('1200' or '9600') and set the attached terminal to the corresponding Baud. Invoke interactive mode by typing the command `executive` followed by return or line-feed. A prompt similar to the following should appear:

```
PostScript(tm) Version 38.0
Copyright (c) 1985 Adobe Systems Incorporated.
PS>
```

Further details of running in interactive mode can be found in the PostScript Language Reference Manual (ISBN 0-201-10174-2).

Ordering information

You can upgrade your LaserWriter or LaserWriter Plus to Rev 47 of PostScript by purchasing a LaserWriter Plus Upgrade Kit. Since installation involves replacing sixteen expensive and static-sensitive read-only memories (ROMs) and may involve other work, it must be carried out by High Level Hardware engineers. Please contact the Sales Department for a quotation. As a guide, the cost is likely to range from £250.00 for a LaserWriter Plus to £650.00 for a LaserWriter, plus installation which takes about an hour.

Educational discount is available to establishments funded by the Department of Education and Science. Prices exclude VAT.