



# Tech Info Library

## LaserWriter Plus Upgrade: Description Of Features

Revised: 11/10/88  
Security: Everyone

LaserWriter Plus Upgrade: Description Of Features

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Features include:

1. a revised LaserWriter Plus manual,
2. 16 ROMs and socket with jumper block,
3. New LaserWriter driver.

The upgrade consists of 16 512K ROMs and a DIP socket with a jumper block. These are placed into the I/O board by the dealer. Pre-November 1985 production boards do not have the DIP socket and will need to have it installed. Boards built after the cut in date will have a socket and jumper block installed at the factory. Dealers have the option of having the upgrade done by Apple by requesting a service board in advance and then sending in the old board.

The new 512K ROMs contain 7 new fonts in 2 typefaces. The new fonts are:

1. ITC Avante Garde Gothic
2. ITC Bookman
3. Helvetica Narrow
4. New Century Schoolbook
5. Palatino
6. ITC Dingbats, a font of special characters, stars, bullets, etc., in plain style only.
7. ITC Zapf Chancery, a script font, in italic style only.

Fonts 1 through 5 are in plain, bold, italic, and bold italic styles.

All fonts are sublicensed from Adobe Systems.

With the addition of these fonts, the LaserWriter Plus now has 11 built-in fonts with 35 individual typefaces. It's not possible to print Symbol-letters bold on the LaserWriter Plus. The Symbol Bold font was removed from the LaserWriter Plus ROM's to accommodate more fonts.

To speed output, use the new LaserWriter driver with the Macintosh Plus ROMs. LaserWriter 3.0 or greater will facilitate fractional pixels with LaserWriter or LaserWriter Plus. The application must enable this feature in the 128K ROMs.

Also, make sure that you copy LaserWriter fonts into the System File with the Font/DA Mover version 3.0 or later if you are using the the LaserWriter driver version 3.0 or later.

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