



# Tech Info Library

## LaserWriter Pro 810: LaserJet IIP Initialization string (10/94)

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TOPIC -----

What is the printer initialization string (reset string) for HP II emulation on a LaserWriter Pro 810?

DISCUSSION -----

The "Reset Escape Command" used typically for controlling manual feed printouts is "<ESC> E". It is possible that this is not supported in the LaserWriter Pro 810's emulation of the HP LaserJet IIP. If this escape sequence to implement manual feed and it is not working, then we would suggest using the following escape sequence:

```
<esc>&l#h
```

<esc> = escape character

l = lowercase L

# = refer to following values

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0 - source current (default)

1 - upper tray

2 - manual feed

4 - lower tray

5 - middle tray

Thus, to perform a manual feed job the escape sequence needed is: <esc>&l2h

In terms of what is and is not supported by the LaserWriter Pro 810's HP LaserJet IIP emulation, the following list below (taken from the LaserWriter IIf/IIg's documentation) should provide a general outline:

The LaserJet IIP emulator contained in the LaserWriter allows you to print just about anything you can print on the LaserJet IIP, with these differences:

- The LaserJet IIP omits characters that overlap the left margin of the paper, but the emulator prints the portion of the character that does not extend into the margin.
- The LaserJet IIP allows you to insert commands to halt printing so that you can insert paper or envelopes manually. The emulator interprets those commands

as form feeds.

- Applications that produce justified text with the LaserJet IIP versions of Helvetica (Helv) and Times Roman (Tms Rmn) fonts may generate slightly ragged output on the emulator.
- While the LaserJet IIP prints characters in the closest available point size and pitch for each font, the emulator scales the font to the specified size.
- The line printer font, which is 16.67-pitch Courier, appears with a height of 7.2 points when printed with the emulator, rather than 8.5 points as printed by the LaserJet IIP.
- The Control-C and Control-T key combinations, which you can normally use to interrupt printing or query the status of the LaserJet IIP, cannot be used with the emulator.
- The emulator does not print nine characters from the LaserJet IIP Roman-8 symbol set. These characters are shown in the following table.

Decimal codes: 176, 179, 227, 228, 240, 241, 247, 248, and 254.

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