



# Tech Info Library

## LaserWriter Pro: Printer Control Language Commands (5/96)

Article Created: 29 March 1993

Article Reviewed/Updated: 7 May 1996

TOPIC -----

- 1) What fonts does the Primary Symbol Set in HP PCL4 (LaserJet emulation) in the LaserWriter Pro support? I tried to select a font other than ROMAN-8 or PC-8 US but the printer ignored it.
- 2) Is there support for IBM-PC (Danish/Norwegian) or ISO-60 Norway which is needed for programs not supporting ROMAN-8?
- 3) What is the command to change the page length on a LaserWriter Pro?

DISCUSSION -----

In regards to questions 1 and 2, there is support for ISO-60 Norway and a variety of other Symbol Sets. There are two ways to enable them:

- To use the specified Symbol Set for just the current job:

In HP emulation mode, type <ESC>(#X where #X is a number/letter pair. For example, type <ESC>(8U to utilize the Roman-8 symbol set.

Note:

"8U" is the HP number/letter pair value for the Roman-8 symbol set, (see chart below).

- To change the default Symbol Set using PostScript. Send the following three lines of PostScript to the printer:

```
%=====
% Begin PostScript code
%
(%LaserJetIIP%)
<</FontSymbolSet 277>>
setdevparams
%
% End PostScript code
%=====
```

Notes:

- The PostScript code to change the default PCL font does not persist beyond power cycles. Typically, there are "\_NV" suffixes that can be added to devices (such as %Serial\_NV% or %Parallel\_NV%) which provide storing of persistent parameters, however, the %LaserJetIIP% device does not have any such storage, so you will not be able to set a default PCL font to survive power cycles.

The only workarounds we can think of are to download the PostScript code each time the printer is restarted, or to just leave the printer ON.

- "277" is the Symbol Set Value for the Roman-8 symbol set, (see chart below).

Begin\_Table

Symbol Sets Supported by the LaserWriter Pro

=====		
Symbol Set	HP #/letter pair	Symbol Set Value
-----		
ISO-60 Norweg	øD	4
ISO-25 French	øF	6
German	øG	7
ISO-15 Italian	øI	9
ISO-14 JISASCII	øK	11
ECMA-94 Latin 1	øN	14
ISO-11 Swedish	øS	19
ISO-6 ASCII	øU	21
ISO-61 Norweg	1D	36
ISO-4 UK	1E	37
ISO-69 French	1F	38
ISO-21 German	1G	39
Spanish	1S	51
ISO-57 Chinese	2K	75
ISO-17 Spanish	2S	83
ISO-2 IRV	2U	85
ISO-10 Swedish	3S	115
ISO-16 Portug	4S	147
ISO-84 Portug	5S	179
ISO-85 Spanish	6S	211
Roman-8	8U	277
PC-8 US	10U	341

End\_Table

3) To change the page length on a LaserWriter Pro, use the HP escape code <ESC>&l#e##F while in HP emulation mode.

# is the top margin

## is text length (max 66)

Article Change History:

07 May 1996 - Added info on PostScript not surviving power cycles.

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Keywords: <None>

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19960507 15:35:14.00

Tech Info Library Article Number: 11863