



# Tech Info Library

## LaserWriter IINTX: Changing Typeface in LaserJet+ Emulation

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Security: Everyone

LaserWriter IINTX: Changing Typeface in LaserJet+ Emulation

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TOPIC -----

I am using the IBM PS/2-30-to-LaserWriter IINTX in HP LaserJet+ emulation mode connection.

Everything works perfectly until I try to select a typeface according to:

```
ESC(s3T Courier  
ESC(s4T Helvetica  
ESC(s5T Times Roman
```

It doesn't work but according to your paper and the manual, it should. I created a text file called font2.txt, which contains:

```
ESC(s4T
```

Then I create a file called helv.bat containing:

```
type font2.txt > lpt1 %Sends ESC-code.  
dir > lpt1 %Print text; in this case, the directory.  
end %Sends Control-D to empty buffer.
```

I execute that file by typing:

```
helv
```

Everything is sent to the printer, but the same typeface is still printed. The printer accepts the escape code but doesn't do anything. What is wrong?

DISCUSSION -----

The reason you could not select the typeface you wanted has to do with the way

the HP LaserJet+ works with characteristics. You changed the typeface to Helvetica without specifying the "Proportional character spacing" characteristic. Because this is a high-priority characteristic, and you did not specifically ask for it, the printer pointed back to the typeface with "Fixed character spacing," which is Courier.

The escape sequence to make this work is:

```
ESC(s1P  
ESC(s4T
```

Note that the escape sequence to select Fixed character spacing is ESC(s0P. Characteristics priority is described in the "HP LaserJet Technical Manual."

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