

ND Office Laser 708 IID,  
Typefaces and Fonts  
ND-899179.1 EN



A *typeface*, such as Courier or Letter Gothic, can be printed in different type styles (italic, bold, etc.) and sizes (10 point, 12 point, etc.). A set of characters that has the same typeface, style and size is called a *font*. For example, Letter Gothic bold italic in 10 point is the name of one font.

On the ND Office Laser 708 IID, you can use fonts from three possible sources:

- internal (or resident) fonts. These are fonts that come with the printer and are always available. On the ND-708 IID the typefaces for these fonts are Courier and Line Printer.
- soft (or downloaded) fonts. These are font files that you purchase separately on a diskette and then copy (download) to the printer. Installation procedures are included with the diskette.


Using soft fonts can greatly increase the range of fonts you can use. However, they take extra printer memory and must be reinstalled (from the hard disk or the original diskette) each time the printer has been switched off or lost power.

- cartridge (or hard) fonts. These fonts are stored in cartridges which plug in to the printer. Once installed, the cartridge fonts require no additional printer memory and are not lost when the printer is switched off.

Norsk Data has one font cartridge (ND 110) for the ND-708 IID. It contains fonts in four typefaces - Letter Gothic, Presentation, Prestige and OCR-B. It also contains the full NOTIS character set.


Hewlett-Packard font cartridge S2 is included with the printer. It contains fonts from two proportionally spaced typefaces, Times Roman and Helvetica. These typefaces are often used in magazines and newspapers and are among the most popular for desktop publications.

# Installing font cartridges

1. Press the ON LINE button on the printer so that the light is off.
2. Insert the ND font cartridge and/or another cartridge of your choice into the slot(s) at the front of the printer. It doesn't matter which cartridge goes into which slot.
3.  you install the ND font cartridge, change the font number setting.

*If the printer is connected directly to a workstation:*

- o From the **Windows** directory, choose **NDPRINT.EXE**.
- o From the **ND Print Forms** menu, choose **Edit a Form**.
- o From the **Form Name** list box, double-click on **Standard**.
- o In the list of settings on the right, add **50** to the value in the box for **Font no. (number)**. For example, if the **Font no.** is **3**, type **53**.
- o Click on **Save**, then double-click on the small box in the upper left corner to exit ND Print.

 *If the printer is connected to a SINTRAN computer system or an OpenLAN network:*

- o From the **SPRINT** printer table, choose the **ND-708 IID** printer which has the cartridge(s).
- o From the main **SPRINT** menu, choose **Supervise/Set up SPRINT/Set up forms**.
- o From the next menu, choose **Edit form**.
- o Press the carriage return (↵) key until you see the **Form description table**.

- o Add **50** to the value of the Default font number. For example, if the value is 2, type 52.
  - o Press the carriage return until you are asked if you want to make the changes permanent, then press **Y** (yes).
  - o Exit **SPRINT**.
4. Press the **ON LINE** button so that the light is on.

## Using fonts from **NOTIS-WP**

1. Find the typeface you want in the table on the next page.
2. Make certain you have installed the cartridge, if necessary.
3. Insert the font directive (**^FONT=x;**) in your text.
4. Insert the corresponding horizontal-pitch directive (**^HP=y;**) if it is different from your standard setting.

In some cases, it is possible to change from one font to another simply by changing the horizontal pitch. For example, if you have the ND font cartridge, the directive **^FONT=2;** gives Letter Gothic if **^HP=10;** or Presentation if **^HP=5;**.

Typeface	No cartridge
Courier	HP = 10, 12 FONT 2, 6
Courier Bold	HP = 10, 12 FONT 5
<b>Courier Bold</b> stretched	HP = 5, 6 All fonts
Line Printer	HP = 10, 12 or HP = 16
Letter Gothic 12 cpi (10 pt)	-
<i>Letter Gothic Italic</i> 12 cpi (10 pt)	-
Letter Gothic 16.6 cpi (9 pt)	-
<b>PRESENTATION</b> <b>10 CPI (14 PT)</b>	-
<b>PRESENTATION</b> <b>6.5 CPI (18 PT)</b>	-
Prestige Elite 12 cpi (10 pt)	-
<i>Prestige Elite Italic</i> 12 cpi (10 pt)	-
Prestige Elite 16.6 cpi (7 pt)	-
OCR-B 10 cpi (10 pt)	-

ge	ND cartridge
2	HP = 10, 12 FONT 6
2	-
	HP = 5, 6 FONT 4
2, 15, FONT 4 to 19, all fonts	
	HP = 10, 12 FONT 2
	HP = 10, 12 FONT 7
	HP = 15 FONT 7
	HP = 10, 12 FONT 5
	HP = 5, 6 All fonts except 4
	HP = 10, 12 FONT 8
	HP = 10, 12 FONT 9
	HP = 15 FONT 9
	HP = 10, 12 FONT 10

**Legend:**

- HP** = Horizontal pitch (lines per inch)
- cpi** = Characters per inch
- pt** = Letter size in points
- OCR-B** = Typeface designed to be read by a computer (OCR = Optical Character Recognition)

# Using fonts from Windows applications

Many Windows applications let you choose the fonts you can use from a list of available fonts. The list depends on the printer that is currently selected, and the typefaces and fonts it has. A printer's internal fonts are always listed. Soft fonts or cartridge fonts must be installed in Windows before they will be listed.

The internal fonts in the ND-708 IID are Courier and Line Printer. (See the samples in the typeface table.) If the printer has soft fonts or cartridge fonts, these must be correctly installed in Windows.

To use fonts from a font cartridge, you must register your choice of typefaces in the dialog box that you get when you want to change the printer's setup. You can do this in three different places. If you change the settings from:

- the Windows Control Panel, they will be the settings you get automatically for Windows.
- the application's File menu, they will be the settings you get automatically for the application.
- the specific file's File menu, they will be the settings you get automatically for the file.

1. Determine whether you want the new typeface settings to apply to Windows, an application or a file.

## *For Windows:*

- o From the **Windows** directory, double-click on **CONTROL.EXE**.
- o From the Control Panel **Setup** menu, choose **Printer**.

For an application or file:

- o From the **File** menu, choose **Printer setup** (or Change printer). (This may vary slightly from application to application. Also note that not all applications let you change printers or the printer setup.)

You see a dialog box.

2. Click on the ND-708 IID printer you want to use if it is different from the current printer.
3. Click on **Setup** if it is a choice, otherwise click on OK. You see the PCL/HP Laserjet dialog box.
4. Scroll through the list box under **Cartridges (2 max)**. You see a long list of typefaces and some special cartridge names. Notice, for example, that Hewlett-Packard cartridge S2 is listed specifically.

You can choose to use none, one or two of these options.

For example, the ND font cartridge contains three of the typefaces in the list - Presentation, Letter Gothic and Prestige. (OCR-B is not intended for use from Windows.) If you have installed the cartridge, you can use up to two of these typefaces at a time; for instance, Presentation and Prestige.

Although the S2 cartridge contains two typefaces (Times Roman and Helvetica), it is counted as *one* choice because the cartridge name (S2) is listed, not just the typefaces it contains.

If, for example, you have installed both the ND and HP-S2 cartridges, you can use Presentation for one option and S2 for the second.



Samples of the available typefaces are shown on the cover of the font cartridges.

- o Click on the name of the first typeface (or cartridge name) you want.
- o Hold down the SHIFT key and click on the name of the second typeface (or cartridge name) you want.

5. Click on OK.

Repeat steps 1-5 when you want to change the settings again.

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