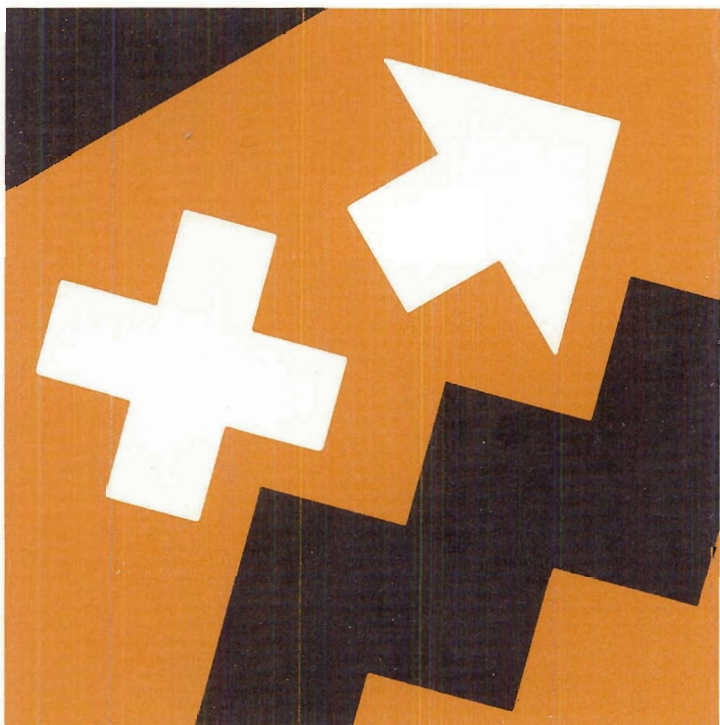


# Using the Hewlett-Packard Great Start Font Cartridge



**HP Computer Museum**  
**[www.hpmuseum.net](http://www.hpmuseum.net)**

**For research and education purposes only.**



**HP C2055A #C01**  
**Using the Hewlett-Packard**  
**Great Start Font Cartridge**

# Notice

---

The information in this document is subject to change without notice.

HEWLETT-PACKARD MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS MATERIAL, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. Hewlett-Packard shall not be liable for errors contained herein or for incidental or consequential damages in connection with the furnishing, performance, or use of this material.

Copyright © Hewlett-Packard Company 1989.

All rights are reserved. Reproduction, adaptation, or distribution of copies of this document is prohibited.

*HP*, *LaserJet*, and *Vectra* are U.S. registered trademarks of Hewlett-Packard Company.

*WordPerfect* is a registered trademark of WordPerfect Corporation.

*Microsoft*, *MS*, and *MS Word* are registered trademarks of Microsoft Corporation.

*Ventura Publisher* is a registered trademark of Ventura Software, Incorporated.

## Printing History

---

First Edition - August, 1989

---

This manual was created on a Hewlett-Packard Vectra Personal Computer using WordPerfect 5.0 and Ventura Publisher. The camera-ready text was generated on a Hewlett-Packard LaserJet series II printer.

# Table of Contents

---

<b>About the HP Great Start Font Cartridge</b> . . . . .	1
CG Times . . . . .	2
Letter Gothic . . . . .	3
<b>HP Great Start Font Cartridge Installation</b> . . . . .	4
Inserting the HP Great Start Font Cartridge . . . . .	4
<b>Using the HP Great Start Font Cartridge</b>	
<b>with WordPerfect 5.0</b> . . . . .	5
Copying the Printer File . . . . .	6
Selecting the Printer . . . . .	7
Selecting the HP Great Start Font Cartridge . . . . .	9
Selecting Fonts . . . . .	11
Selecting a New Base Font . . . . .	11
Font Attributes . . . . .	12
Printing Special Characters and Symbols . . . . .	15
WordPerfect Character Set Maps . . . . .	17
<b>Using the HP Great Start Font Cartridge</b>	
<b>with Microsoft Word 5.0</b> . . . . .	20
Selecting the Cartridge Driver . . . . .	20
Selecting the Printer Driver . . . . .	21
Selecting Fonts . . . . .	22
Highlighting the Text . . . . .	24
Changing Fonts . . . . .	24
Changing Font Attributes . . . . .	26
Printing Special Characters and Symbols . . . . .	27
<b>In Case of Difficulty</b> . . . . .	28
Helpful Hints . . . . .	28
Incorrect Fonts . . . . .	29
FE Error . . . . .	29
Calling for Help . . . . .	30
<b>Reference Information</b> . . . . .	31
Symbol Set Tables . . . . .	32
Printer Commands . . . . .	38
Font Characteristics Tables . . . . .	40
<b>Hewlett-Packard Custom Font Services</b> . . . . .	41
Ordering Fonts . . . . .	42
Additional Product Information . . . . .	42



# About the HP Great Start Font Cartridge

---

The **HP Great Start** font cartridge offers the following special features:

- One proportionally spaced (CG Times) and one fixed pitch (Letter Gothic) typeface. Both are offered in portrait\* orientation in a variety of treatments.
- DeskTop, Roman-8, ECMA-94 Latin 1, PC-8, PC-8D/N, and PC-850 symbol sets.
- Compatibility with all LaserJet printers except the LaserJet (2686A), LaserJet PLUS, and LaserJet 500 PLUS printers.

With the **HP Great Start** font cartridge installed, you can print with any of the fonts shown and described on the following pages. The **HP Great Start** fonts can be used in addition to, or in combination with your printer's internal fonts or any other HP fonts.

---

## Note

If you are attempting to use the **HP Great Start** font cartridge and your software application does not have a printer driver, contact your software vendor for information regarding the **HP Great Start** font cartridge driver availability.

---

- \* If your printer has the automatic font rotation feature, you can print the portrait fonts on the **HP Great Start** font cartridge in landscape orientation.

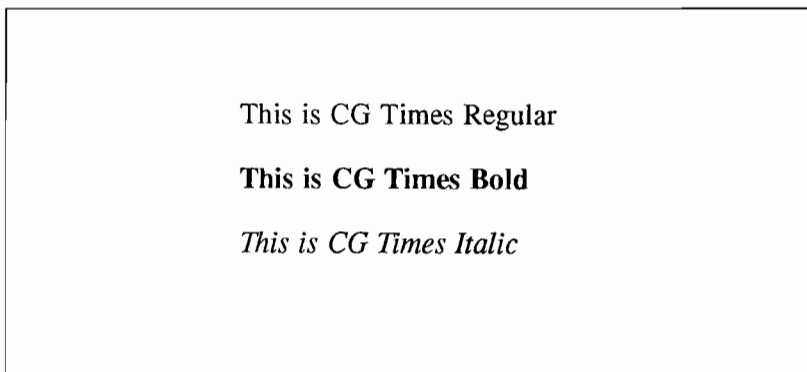
For example, the LaserJet IIP, LaserJet IID and LaserJet 2000 printers can take any one of the portrait fonts on your **HP Great Start** font cartridge and rotate them 90 degrees to landscape orientation. This procedure is automatically performed when the landscape characteristic is selected.

## CG Times

CG Times is a variation of one of the most popular typeface designs. It is particularly effective when it is used for lengthy text in letters, reports, brochures, newsletters, proposals and manuals.

CG Times is classified as a serif typeface. Its strong legibility makes it an ideal typeface when used alone, or in combination with a sans serif typeface such as Letter Gothic. The 11 point size is an excellent choice for readability.

Figure 2 shows each of the CG Times fonts available in the **HP Great Start** font cartridge.



**Figure 2. CG Times Font Samples**

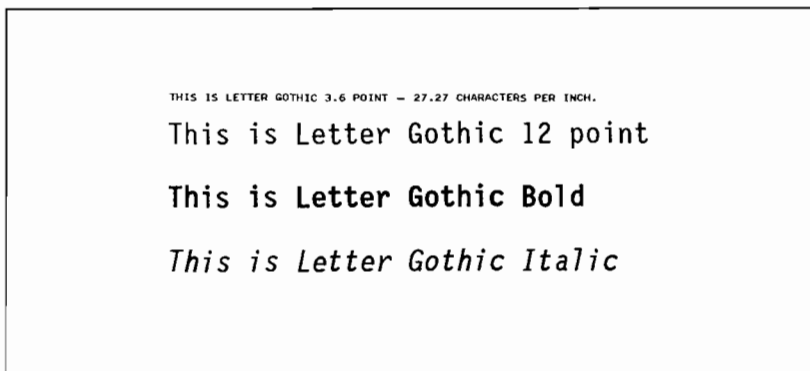


## Letter Gothic

Letter Gothic is a modern, fixed pitch, sans serif typewriter style typeface. Its clean and legible appearance makes it easy to read at a glance.

Letter Gothic is an ideal typeface selection for a large variety of word processing applications including memorandums, tabulated lists and spreadsheets. The small 3.6 point (27.27 characters per inch) Letter Gothic font offered in the **HP Great Start** font cartridge is particularly suited for printing spreadsheets where consolidating a lot of information on a single page is important.

Figure 1 shows the Letter Gothic fonts available in the **HP Great Start** font cartridge.



**Figure 1. Letter Gothic Font Samples**

# HP Great Start Font Cartridge Installation

---

## Inserting the HP Great Start Font Cartridge

To insert the **HP Great Start** font cartridge into the LaserJet printer, complete the following steps:

---

### Caution

If the font cartridge is inserted or removed while the printer is on-line, you will receive the FE CARTRIDGE error message. Turn your printer OFF and then back ON to clear the FE CARTRIDGE error message.

---

1. Press the [ON LINE] key to place the printer in the off-line state (light off).

---

### Note

If you are inserting the **HP Great Start** font cartridge into the LaserJet 2000 printer, the term “off-line,” as used in the following instructions, indicates that the printer should be powered off.

---

2. Insert the **HP Great Start** font cartridge, label side up, into an available cartridge slot on your printer.

Press the cartridge in firmly until it snaps into place. Make sure that the cartridge is solidly seated in the cartridge slot.

3. Press the [ON LINE] key to return the printer to the on-line state (light on).

To remove the font cartridge, press the [ON LINE] key to place the printer in the off-line state (light off). Grasp the edges of the cartridge and pull it out. Press the [ON LINE] key to return the printer to the on-line state (light on).

# Using the HP Great Start Font Cartridge with WordPerfect 5.0

---

The information on the following pages will assist you in completing the following tasks:

- Copying a printer file
- Selecting the printer
- Selecting the **HP Great Start** font cartridge
- Selecting a new base font
- Specifying various font attributes as you are entering text
- Specifying various font attributes within existing text
- Identifying special characters and symbols on the Character Set maps
- Printing special characters and symbols

---

## Note

The following instructions assume that your WordPerfect program files are installed in the *C:\WP50* directory, and that your floppy diskette drive is *A:*. If you are using other directories or floppy drive designators, modify the instructions accordingly.

---

## Copying the Printer File in WordPerfect 5.0

The WordPerfect printer diskettes contain files ending with *.ALL* extension. These *.ALL* files consist of printer drivers that contain information about several different printers.

If you are using the **HP Great Start** font cartridge for the first time, you must copy a printer file and select a printer within your WordPerfect software. To copy the printer file, complete the following steps:

1. Insert the printer driver disk (labeled *Printer 1*) into drive **A:**
2. (Before proceeding with this step, see the Note below.) At the **C:\WP50** prompt, type:

```
COPY A:WPRINT1.ALL C:\WP50
```

3. Press **[Enter]**.

The correct printer file is now copied into your WordPerfect directory.

---

### Note

WordPerfect 5.0 *Printer 1* diskettes manufactured before August 1989 may not contain a printer driver for the **HP Great Start** font cartridge. Before you complete Step 2 in the above procedures, you can verify the date of your printer file by typing:

```
DIR A:WPRINT1.ALL [Enter]
```

To order the most recent copy of the *WPRINT1.ALL* file, call the WordPerfect Corporate Orders Department at 1-800-321-4566. To obtain any additional information, call the WordPerfect Information Services Department at 1-801-225-5000.

---

## Selecting the Printer in WordPerfect 5.0

Once the WordPerfect printer file is installed into your directory, you must select your printer. The following procedure is used to select your specific printer.

When you select a printer for the first time, WordPerfect extracts information from the *WPRINT1.ALL* file to create a much smaller file ending in a *.PRS* extension. This *.PRS* file is used by WordPerfect when you print a document. It contains information about one specific printer.

---

### Note

The following instructions assume that the WordPerfect program files are installed in the *C:\WP50* directory. If you are using another directory, modify the instructions accordingly.

---

To select the printer, complete the following steps:

1. At the **DOS** prompt, change to the directory containing WordPerfect. (For example, type `CD \WP50` and press **[Enter]**).
2. To start WordPerfect, type in the following:

**WP [Enter]**



A blank WordPerfect screen will appear.

3. Press **[Shift F7]** to display the *Print/Options* menu.
4. At the **Selection:** prompt, type **[S]** *Select Printer* to display the *Print: Select Printer* menu.
5. Type **[2]** *Additional Printers* to display the *Select Printer: Additional Printers* menu.

Use the **[Up Arrow]** or **[Down Arrow]** keys to highlight the name of your printer. (For example, highlight *HP LaserJet series II*).

6. Type [I] *Select*.

If you have previously selected this printer, you may see the **Replace .PRS? (Y/N)** prompt. If you do, type [Y].

The *Printer Helps and Hints* menu will be displayed and the fonts will be updated. You may momentarily notice the **Updating Fonts:** prompt in the lower-left hand corner of your monitor screen.

7. Press [F7] to return to the *Select Printer: Edit* menu.

## Selecting the HP Great Start Font Cartridge in WordPerfect 5.0

To select the **HP Great Start** font cartridge, complete the following steps:

---

### Note

Before completing the steps outlined in "Selecting the **HP Great Start** Font Cartridge" below, make sure that you have completed the instructions for copying a printer file and selecting the printer. If you are performing these procedures in sequence, the *Select Printer: Edit* menu will be displayed on your monitor screen.

---

1. At the **Selection:** prompt, on the *Select Printer: Edit* menu, type [5] *Cartridges and Fonts*.

This procedure will display the *Select Printer: Cartridges and Fonts* menu.

2. Use the [Up Arrow] or [Down Arrow] keys to highlight the **Cartridge Fonts** option and type [1] *Select Fonts*.

A list of possible font cartridges is displayed.

3. Use the [Up Arrow] or [Down Arrow] keys to highlight the **HP Great Start** cartridge option and type an [\*] asterisk.

An asterisk appears next to each selected cartridge.

---

### Note

If the **HP Great Start** cartridge option is NOT listed on the *Select Printer: Cartridges and Fonts* menu, the **HP Great Start** printer file (driver) is NOT installed on your system (see "Copying the Printer File" for instructions). You may need to contact WordPerfect Corporation for a printer driver update.

---

4. Press [F7] to save your font cartridge selections.
5. Press [F7] again to exit to the *Select Printer: Cartridges and Fonts* menu.

You will receive an updating message.

6. Press [F7] again to exit to the *Select Printer: Edit* menu.
7. Press [F7] again to exit to the *Print: Select Printer* menu.
8. Type [1] *Select* to display the *Print/Options* menu.
9. Press [F7] to exit from the *Print/Options* menu, and return to your document.



## Selecting Fonts in WordPerfect 5.0

The base font and font attributes are selected using WordPerfect's *Font* [Ctrl F8] feature. The base font is the font in which normal text is printed. Other font attributes, such as bold or italic, modify the base font (see "Font Attributes" on the following page).

### Selecting A New Base Font

The base font is the font in which normal text is printed. To select a new base font, complete the following steps:

1. Position the cursor within your document at the location where you wish to change the base font.
2. Press [Ctrl F8] to display the *Font* menu.
3. Type [4] *Base Font* to display a list of available fonts.
4. Use the [Up Arrow] or [Down Arrow] keys to highlight the desired font selection.

(Highlight **Letter Gothic 12 point medium** as your base font for examples 1, 2 and 3 on the following pages.)

5. Type [1] *Select* to specify the highlighted font.

The new base font specification remains in effect until you change it again.

## Font Attributes

Font attributes, such as size and appearance (for example, bold or italic) can be specified either as you are entering text or applied to existing text.

---

### Note

The examples in the following sections assume that you have specified **Letter Gothic 12 point medium** as the base font. If you have selected another base font, modify the examples accordingly.

---

### Specifying Font Attributes As You Are Entering Text

Font attributes, such as **bold** or *italic*, may be specified as you are entering original text. Instructions for **bolding** text as you are entering original text are provided in Example 1 below.

#### Example 1. Bolding As You Are Entering Original Text.

To specify the **bold** font attribute as you are entering original text, complete the following steps:

1. Type in the following:

This is a sample of

2. To bold the name of the typeface Letter Gothic, press [Ctrl F8] and display the *Font* menu.
3. Type [2] *Appearance* to display a list of possible font attributes.
4. Type [1] *Bold*, and type in the words:

Letter Gothic

5. Press the [Right Arrow] key or press [Ctrl F8] and type in [3] *Normal* to discontinue the bold attribute.

6. Complete your sample by typing the following:

12 point.

7. Press [**Shift F7**] to display the *Print/Options* menu, and type [**1**] to print your sample document.

This is a sample of **Letter Gothic** 12 point.

**Figure 3. Bolding Original Text Sample**

## Specifying Font Attributes within Existing Text

Font attributes (for example, **bold** or *italic*) may be specified within existing text. Instructions for italicizing text within existing text are located in Example 2 below.

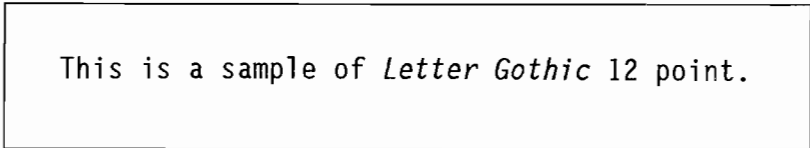
### Example 2. Italicizing Existing Text.

To specify the *italic* font attribute within existing text, complete the following steps:

1. Type in the following:

This is a sample of Letter Gothic 12 point.

2. To italicize the typeface name Letter Gothic, position the cursor at the beginning of the words "Letter Gothic."
3. Press [Alt F4] to activate the block function, and use the [Arrow] keys to highlight the text you desire to italicize (Letter Gothic).
4. Press [Ctrl F8] to display the *Font* menu.
5. Type [2] *Appearance* to display a list of font attributes.
6. Type [4] *Italic*.
7. Press [Shift F7] to display the *Print/Options* menu, and type [1] to print your sample document.



This is a sample of *Letter Gothic* 12 point.

Figure 4. Italicizing Existing Text Sample

## Printing Special Characters & Symbols in WordPerfect 5.0

The **HP Great Start** font cartridge supports the DeskTop, Roman-8, ECMA-94 Latin 1, PC-8, PC-8D/N, and PC-850 symbol sets. The process of printing a special character or symbol requires you to first identify whether you can access that character with the **HP Great Start** font cartridge, and finally, to specify and print the special character or symbol.

The following example shows the steps required to print special characters and symbols.

### Example 3. Printing the Copyright Symbol

1. If you have not already done so, select the **HP Great Start** font cartridge. (See “Selecting the **HP Great Start** Font Cartridge” for instructions).
2. Type `Copyright Hewlett-Packard 1989`.
3. Position the cursor where the copyright symbol is to be printed. In this example it is between “Copyright” and “Hewlett-Packard.”
4. Press **[Ctrl V]** to activate the *Compose* function.

The **Key =** prompt appears on the lower left-hand side of your monitor screen.

You will need to know the number of the Character Set Map and the number of the character or symbol you wish to print (refer to the WordPerfect Character Set Maps on pages 17, 18, and 19). Note the Character Set Map and the character or symbol number with the map. In this case, the copyright symbol is located in Character Set Map number 4 and the copyright symbol number is 23.

5. At the **Key =** prompt, type `4 , 23` and press **[Enter]**.
6. Press **[Shift F7]** to display the *Print/Options* menu, and type **[1]** to print the special character or symbol.

Copyright © Hewlett-Packard Company 1989.

**Figure 5. Printing the Copyright Symbol**

---

**Note**

Not all special characters or symbols will appear on your monitor screen when they are selected (you may see a small, solid box). However, the special character or symbol will appear on your document when you print.

---







## WordPerfect Character Set Map 6 (Math/Scientific)

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
	$\pm$	$\leq$	$\geq$		/	/	\	$\div$		<	>	~	$\approx$	$\equiv$	$\cap$	$\parallel$	$\Sigma$	$\infty$				
20	$\lrcorner$	$\rightarrow$	$\leftarrow$	$\uparrow$	$\downarrow$	$\leftrightarrow$	$\dagger$	$\blacktriangleright$	$\blacktriangleleft$	$\blacktriangleup$	$\blacktriangledown$	$\cdot$	$\circ$	$\circ$	$\circ$	$\circ$	$\text{\AA}$	$\circ$	$\mu$	$-$	$\times$	
40							'	"														
60																						
80																						
100																						

## WordPerfect Character Set Map 7 (Math/Scientific Extension)

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
	$\int$	$\int$																				
20																						
40																						
60																						
80																						

## WordPerfect Character Set Map 8 (Greek)

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
	$\text{\AA}$	$\alpha$	$\beta$	$\beta$	$\beta$	$\Gamma$			$\delta$	$\epsilon$	$\epsilon$	$Z$		$\text{H}^n$	$\Theta$		$I$					
20																						
40																						
60																						

# Using the HP Great Start Font Cartridge with Microsoft Word 5.0

---

The information on the following pages will assist you in completing the following tasks:

- Selecting the Cartridge Driver
- Selecting the Printer Driver
- Selecting fonts
- Changing fonts
- Changing font attributes
- Printing special characters and symbols

## Selecting the Cartridge Driver

The steps outlined in this section are written with the assumption that your MS Word program is installed in the C:\WORD5 directory. If this is not the case, modify the instructions accordingly.

### Starting MS Word

From the DOS prompt of your MS Word directory (for example, C:\WORD5), type in the following to start the program:

WORD [Enter]

The *Document* screen will appear.

## Selecting the Printer Driver in Microsoft Word 5.0

In order to access the fonts on the **HP Great Start** font cartridge, the proper driver must first be installed into your MS Word 5.0 program. Follow the procedures described below to ensure correct installation:

1. At the MS Word *Document* screen, press [Esc] to use the menu functions.
2. Press [P]rint [O]ptions to display the *Print Options* screen.
3. At the selection labeled *Printer*, press [F1] to display a list of supported printer drivers (also known as *.PRD* files).
4. Highlight the printer driver (*.PRD*) that supports the **HP Great Start** font cartridge, then tab to the *Model* field and press [F1] to display a list of supported printers.

---

### Note

The LaserJet IID and the LaserJet 2000 printers automatically rotate fonts. For each of these printers, you will use a single *.PRD* file for portrait and landscape orientation. To use the automatic font rotation feature successfully, you must select the correct printer model in the *Print Options* screen.

---

5. Highlight the appropriate printer model and press [Enter].  
This action will take you back to the *Print* menu screen.
6. To return to the *Document* screen, press [Esc].

---

### Note

If you do not have a *.PRD* file that supports the **HP Great Start** font cartridge, contact Microsoft at 1-800-426-9400 to request an update.

---

## Selecting Fonts in Microsoft Word 5.0

To select a font from the **HP Great Start** font cartridge under MS Word 5.0, do the following:

1. Highlight the text (see page 24).
2. After highlighting, press **[Esc]** to access the *Menu Functions*. Then press **[F]** ormat **[C]** haracter to display the *Format Character* screen.
3. Tab to the *Font Name* field and press **[F1]** to display the fonts that are supported by the printer driver (*.PRD*) which is currently selected (see "Selecting the Printer Driver" for additional information).
4. Use the cursor keys to highlight the desired font name, then tab to the *Font Size* field. Press **[F1]** to display the different point sizes available for the highlighted font.
5. Use the cursor keys to highlight the desired point size, then press **[Enter]** to save the selections. This action will return you to the *Document* screen. The next example shows how to select a font using MS Word 5.0.

### Example 1. Selecting a Font in MS Word 5.0

To select the Letter Gothic 12 point, medium font, complete the following procedures:

1. On a blank *Document* screen, type the following sentence:

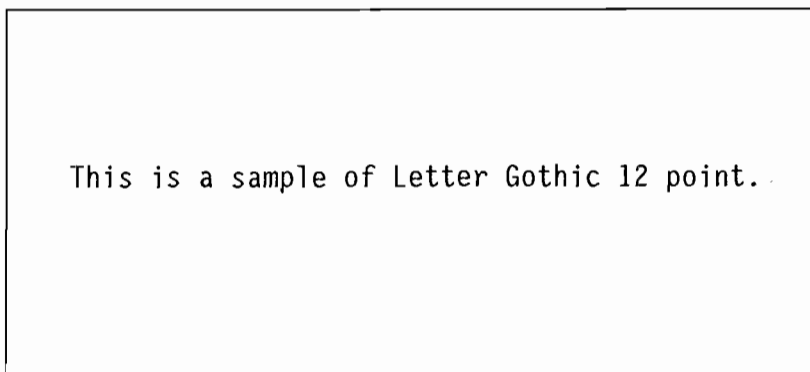
This is a sample of Letter Gothic 12 point.

2. Hold down the **[Shift]** key, and press **[F10]**.

The sentence should be highlighted on your monitor screen.

3. Press the **[Esc]** key, and press **[F]** ormat **[C]** haracter to display the *Format Character* screen.
4. Tab to the *Font Name* field.
5. Press **[F1]**. Use the cursor keys to highlight the Letter Gothic typeface.

6. Tab to the *Font Size* field, and press [F1] .
7. Highlight the number 12, and press [Enter] to save your font selection specifications and return to your *Document* screen.
8. To print this sample document, press [Esc] and [P] rint [P] rinter.



**Figure 6. Selecting a Font with MS Word 5.0.**



## Changing Fonts in Microsoft Word 5.0

To change a specified font using MS Word 5.0, you must complete the following procedures:

- Highlight the text
- Change the font

### Highlighting the Text

To change fonts in MS Word, you must first highlight the text that you want to change. There are many ways to accomplish this:

- To highlight a single paragraph, position your cursor on the desired paragraph and press [F10].
- To highlight a character, or group of characters, press [F6] and use the appropriate cursor movement keys to highlight the desired text.
- To highlight a single word, position your cursor on the desired word, and press [F8].
- To highlight a sentence, position your cursor on the desired sentence and hold down the [Shift] key, and press [F8].
- To highlight the entire document, hold down the [Shift] key, and press [F10].

### Changing Fonts

Once the text that you want to change is highlighted, complete the following procedures:

1. Press [Esc] to display the menu functions.
2. Press [F]ormat [C]haracter to display the *Format Character* screen.
3. Tab to the *Font Name* field, and press [F1] to display all of the fonts which are supported by the printer driver previously chosen (see "Selecting the Printer Driver" for instructions).

4. Highlight the name of the desired font.
5. Tab to the *Font Size* field, and press [F1] to display the available point sizes.
6. Highlight the desired point size, and press [Enter] to save the selections. This will return you to the *Document* screen.
7. To verify the font change, print the document by pressing the [Esc] key, and press [P] rint] [P] rinter.

## Changing Font Attributes in Microsoft Word 5.0

Attributes refer to either regular, *italic*, or **bold** text. Changing the font attributes is similar to selecting the font.

1. Highlight the text that is to be either **bold** or *italic*. (For further information refer to the section "Highlighting Text.")
2. Press the [Esc] key, and press [F]ormat [C]haracter to display the *Format Character* screen.
3. Tab to either the **bold** or *italic* field, and press [Y]es.
4. Press [Enter] to save your selections and return to the *Document* screen.



## Printing Special Characters and Symbols

Some of the characters and symbols available through the **HP Great Start** font cartridge symbol sets will not be displayed on your terminal screen. (Refer to the “Reference” section of this document for a complete set of symbol set tables).

Special characters and symbols can be accessed by holding down the [Alt] key, and typing in the three-digit decimal value (associated with the special character or symbol that you wish to print) on your **NUMERIC KEYPAD**.

The character you see on the MS Word screen may not be the same as the character that prints because MS Word has a limited character display.

### Example 2. Printing the Pound Sterling Symbol (Roman-8)

To print the pound sterling symbol from the Roman-8 symbol set, using MS Word, complete the following steps:

1. At a blank *Document* screen, type *Dickens lived on 48 per year.*
2. Refer to the Roman-8 symbol set table in the “Reference” section of this manual to locate the pound sterling symbol.
3. Locate the pound sterling symbol. Make a note of the decimal number. In this case, it is 187.
4. Position the cursor within the text where you wish to print the pound sterling symbol. In this example it is between “on” and “48.”
5. Hold down the [Alt] key.
6. Type 187 on your **NUMERIC KEYPAD**, then release the [Alt] key. The pound sterling symbol will **NOT** appear on your monitor screen, however, the pound sterling symbol will be printed in your document, as shown below.

Dickens lived on £48 per year.

Figure 7. Printing the Pound Sterling Symbol.

# In Case of Difficulty

---

This section provides information pertaining to some of the common problems you may encounter while using the **HP Great Start** font cartridge with the LaserJet printer, and their possible causes and solutions.

## Helpful Hints

- Is the correct driver selected?

**WordPerfect 5.0 Users:** See “Installing the **HP Great Start** Font Cartridge Driver” for instructions.

**MS Word 5.0 Users:** See “Selecting the Printer Driver” for instructions.

Other software users, refer to your software manuals, or contact your software publisher.

- Is the **HP Great Start** font cartridge firmly seated in the slot? Take the printer off-line. Push the font cartridge in until it snaps in place. Be sure that the cartridge is firmly seated. Return the printer on-line. Perform a print fonts test to verify that the printer recognizes the font cartridge (refer to the printer’s user manual).
- Are you familiar with the way in which your software application allows you to define and change fonts? If, after following the procedures outlined in this manual, you continue having difficulty, check your software manual for further information regarding which method to use when selecting fonts.

- If your software application does not provide a driver for the **HP Great Start** font cartridge, contact your software publisher regarding the availability of a driver for the **HP Great Start** font cartridge, or refer to your software manual for instructions on how to embed printer commands.

## Incorrect Fonts

If your document, or a portion of it, is not printing in the correct font, check the following possible causes and solutions.

**Cause 1.** Did you install the correct printer definition and fonts?

**Solution 1.** Repeat the installation procedures described in this manual. (Refer to your software manual for instructions on installing your printer).

**Cause 2.** Is the font cartridge properly installed?

**Solution 2.** Take the printer off-line, and reseal the font cartridge. Press the cartridge in firmly until it snaps in place. Perform a print fonts test to verify that the printer recognizes the font cartridge (refer to the printer's user manual). Return the printer to the on-line state and try printing again.

## FE Error

If the font cartridge is inserted or removed while the printer is on-line, you will receive an FE CARTRIDGE error message. Turn your printer OFF and then back ON to clear the FE CARTRIDGE error message.

## Calling for Help

If you are having trouble with the **HP Great Start** font cartridge and are in need of assistance, you can call the authorized HP dealer where you purchased your **HP Great Start** font cartridge.

For help with specific printer drivers, call the customer support line for your application's publisher:

WordPerfect Corporation . . . . . 1-800-541-5097  
Microsoft Corporation . . . . . 1-206-882-8089

If you are having trouble with your LaserJet printer, Hewlett-Packard offers support through the Personal Peripherals Assist Line. A customer assistance operator can offer advice to help solve your technical problems.

HP Personal Peripherals Assist Line . . . . . 1-208-323-2551

The Personal Peripherals Assist Line is open from 7:00 a.m. to 6:00 p.m. (Mountain Standard Time), except for Wednesdays, when it is open from 7:00 a.m. to 4:00 p.m.

# Reference Information

---

This section contains additional information about the DeskTop, Roman-8, ECMA-94 Latin 1, PC-8, PC-8D/N, and PC-850 symbol sets; and instructions for issuing printer commands from DOS.

## Symbol Sets

The **HP Great Start** font cartridge supports the following symbol sets:

- DeskTop
- Roman-8
- ECMA-94 Latin 1
- PC-8
- PC-8D/N
- PC-850

Tables 1 through 6 on the following pages provide a complete listing of all the special characters and symbols available with the various symbol sets when you are using the **HP Great Start** font cartridge with a LaserJet printer.

## DeskTop Symbol Set

The **HP Great Start** font cartridge's DeskTop symbol set consists of 187 characters. These characters can be combined with either one another or with the printer's internal characters to compose documents in many western languages.

WordPerfect 5.0 supports character composition and provides access to over 500 special characters and symbols (see the WordPerfect Character Set Maps on pages 17, 18, and 19).

The WordPerfect Character Set Maps show the DeskTop symbol set and identifies all of the characters and symbols available in the **HP Great Start** font cartridge when it is used with a LaserJet printer and WordPerfect 5.0.

Table 1. DeskTop Symbol Set.

NUL	DLE		0	@	P	'	p				“	—	<	a	'
0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
SOH	DC1	!	1	A	Q	a	q			¶	”	±	>	o	`
1	17	33	49	65	81	97	113	129	145	161	177	193	209	225	241
STX	DC2	"	2	B	R	b	r			§	μ	×	«	æ	^
2	18	34	50	66	82	98	114	130	146	162	178	194	210	226	242
ETX	DC3	#	3	C	S	c	s			†	‰	÷	»	Æ	”
3	19	35	51	67	83	99	115	131	147	163	179	195	211	227	243
EOT	DC4	\$	4	D	T	d	t			‡	•	°	,	ð	~
4	20	36	52	68	84	100	116	132	148	164	180	196	212	228	244
ENQ	NAK	%	5	E	U	e	u			©	●	'	”	Ð	∨
5	21	37	53	69	85	101	117	133	149	165	181	197	213	229	245
ACK	SYN	&	6	F	V	f	v			®	○	"	·	ij	∪
6	22	38	54	70	86	102	118	134	150	166	182	198	214	230	246
BEL	ETB	'	7	G	W	g	w			™	○	¼	i	ij	”
7	23	39	55	71	87	103	119	135	151	167	183	199	215	231	247
BS	CAN	(	8	H	X	h	x			%	■	½	¿	ı	°
8	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248
HT	EM	)	9	I	Y	i	y			¢	■	¾	Pt	L	·
9	25	41	57	73	89	105	121	137	153	169	185	201	217	233	249
LF	SUB	*	:	J	Z	j	z			—	□	1	ℓ	æ	-
10	26	42	58	74	90	106	122	138	154	170	186	202	218	234	250
VT	ESC	+	;	K	[	k	{			—	□	2	£	œ	¸
11	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251
FF	FS	,	<	L	\	l				...	'	3	¥	ø	¸
12	28	44	60	76	92	108	124	140	156	172	188	204	220	236	252
CR	GS	-	=	M	J	m	}			fi	⌋	/	□	Ø	·
13	29	45	61	77	93	109	125	141	157	173	189	205	221	237	253
SO	RS	.	>	N	^	n	~			fl			f	p	ı
14	30	46	62	78	94	110	126	142	158	174	190	206	222	238	254
SI	US	/	?	O	_	o	☒				=		β	P	
15	31	47	63	79	95	111	127	143	159	175	191	207	223	239	255

Table 2. Roman-8 Symbol Set.

NUL	DLE		0	@	P	'	p			-	â	À	Á	Þ	
0	16	32	48	64	80	96	112	128	144	180	176	192	208	224	240
SOH	DC1	!	1	A	Q	a	q			À	Ý	ê	î	Ã	þ
1	17	33	49	65	81	97	113	129	145	161	177	193	209	225	241
STX	DC2	"	2	B	R	b	r			Â	ý	ô	ø	ã	·
2	18	34	50	66	82	98	114	130	146	162	178	194	210	226	242
ETX	DC3	#	3	C	S	c	s			È	°	û	Æ	Ð	μ
3	19	35	51	67	83	99	115	131	147	163	179	195	211	227	243
EOT	DC4	\$	4	D	T	d	t			Ê	Ç	á	â	ð	¶
4	20	36	52	68	84	100	116	132	148	164	180	196	212	228	244
ENQ	NAK	%	5	E	U	e	u			Ë	ç	é	í	Í	¾
5	21	37	53	69	85	101	117	133	149	165	181	197	213	229	245
ACK	SYN	&	6	F	V	f	v			Ï	Ñ	ó	ø	Ì	-
6	22	38	54	70	86	102	118	134	150	166	182	198	214	230	246
BEL	ETB	'	7	G	W	g	w			Ï	ñ	ú	æ	Ó	¼
7	23	39	55	71	87	103	119	135	151	167	183	199	215	231	247
BS	CAN	(	8	H	X	h	x			'	ı	à	Ä	Ò	½
8	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248
HT	EM	)	9	I	Y	i	y			`	ı	è	ì	Õ	ª
9	25	41	57	73	89	105	121	137	153	169	185	201	217	233	249
LF	SUB	*	:	J	Z	j	z			^	ı	ò	Ö	õ	º
10	26	42	58	74	90	106	122	138	154	170	186	202	218	234	250
VT	ESC	+	;	K	[	k	{			¨	£	ù	Ü	Š	«
11	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251
FF	FS	,	<	L	\	l				~	¥	ä	É	š	■
12	28	44	60	76	92	108	124	140	156	172	188	204	220	236	252
CR	GS	-	=	M	]	m	}			Ù	§	ë	ï	Ú	»
13	29	45	61	77	93	109	125	141	157	173	189	205	221	237	253
SO	RS	.	>	N	^	n	~			Û	f	ö	ß	ÿ	±
14	30	46	62	78	94	110	126	142	158	174	190	206	222	238	254
SI	US	/	?	O	_	o	☒			£	ç	ü	Ô	ÿ	
15	31	47	63	79	95	111	127	143	159	175	191	207	223	239	255

Table 3. ECMA-94 Latin1 Symbol Set

NUL	DLE		0	@	P	`	p			°	À	Ð	à	ð	
0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
SOH	DC1	!	1	A	Q	a	q			ı	±	Á	Ñ	á	ñ
1	17	33	49	65	81	97	113	129	145	161	177	193	209	225	241
STX	DC2	"	2	B	R	b	r			ç	²	Â	Ò	â	ò
2	18	34	50	66	82	98	114	130	146	162	178	194	210	226	242
ETX	DC3	#	3	C	S	c	s			£	³	Ã	Ó	ã	ó
3	19	35	51	67	83	99	115	131	147	163	179	195	211	227	243
EOT	DC4	\$	4	D	T	d	t			¤	'	Ä	Ô	ä	ô
4	20	36	52	68	84	100	116	132	148	164	180	196	212	228	244
ENQ	NAK	%	5	E	U	e	u			¥	µ	Å	Õ	å	õ
5	21	37	53	69	85	101	117	133	149	165	181	197	213	229	245
ACK	SYN	&	6	F	V	f	v				¶	Æ	Ö	æ	ö
6	22	38	54	70	86	102	118	134	150	166	182	198	214	230	246
BEL	ETB	'	7	G	W	g	w			§	·	Ç	×	ç	÷
7	23	39	55	71	87	103	119	135	151	167	183	199	215	231	247
BS	CAN	(	8	H	X	h	x			"	.	È	Ø	è	ø
8	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248
HT	EM	)	9	I	Y	i	y			©	ı	É	Ù	é	ù
9	25	41	57	73	89	105	121	137	153	169	185	201	217	233	249
LF	SUB	*	:	J	Z	j	z			a	o	Ê	Ú	ê	ú
10	26	42	58	74	90	106	122	138	154	170	186	202	218	234	250
VT	ESC	+	;	K	[	k	{			«	»	Ë	Û	ë	û
11	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251
FF	FS	,	<	L	\	l				¬	¼	Ì	Ü	ì	ü
12	28	44	60	76	92	108	124	140	156	172	188	204	220	236	252
CR	GS	-	=	M	]	m	}			-	½	Í	Ý	í	ý
13	29	45	61	77	93	109	125	141	157	173	189	205	221	237	253
SO	RS	.	>	N	^	n	~			®	¾	Î	Þ	î	þ
14	30	46	62	78	94	110	126	142	158	174	190	206	222	238	254
SI	US	/	?	O	_	o	☒			-	¿	Ï	ß	ï	ÿ
15	31	47	63	79	95	111	127	143	159	175	191	207	223	239	255



Table 4. PC-8 Symbol Set.

NUL	▶		0	@	P	`	p	Ç	É	á	☐	⌒	⌒	α	≡
0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
☺	◀	!	1	A	Q	a	q	ü	æ	í	☒	⌒	⌒	β	±
1	17	33	49	65	81	97	113	129	145	161	177	193	209	225	241
☹	↕	"	2	B	R	b	r	é	Æ	ó	☒	⌒	⌒	Γ	≥
2	18	34	50	66	82	98	114	130	146	162	178	194	210	226	242
♥	!!	#	3	C	S	c	s	â	ô	ú		⌒	⌒	π	≤
3	19	35	51	67	83	99	115	131	147	163	179	195	211	227	243
♦	¶	\$	4	D	T	d	t	ä	ö	ñ	⌒	⌒	⌒	Σ	∫
4	20	36	52	68	84	100	116	132	148	164	180	196	212	228	244
♣	§	%	5	E	U	e	u	à	ò	Ñ	≠	+	≠	σ	J
5	21	37	53	69	85	101	117	133	149	165	181	197	213	229	245
♠	—	&	6	F	V	f	v	â	û	ª	≠	≠	≠	μ	÷
6	22	38	54	70	86	102	118	134	150	166	182	198	214	230	246
●	↕	'	7	G	W	g	w	ç	ù	º	≠	≠	≠	τ	≈
7	23	39	55	71	87	103	119	135	151	167	183	199	215	231	247
◼	↑	(	8	H	X	h	x	ê	ÿ	¿	≠	≠	≠	Φ	°
8	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248
○	↓	)	9	I	Y	i	y	ë	Ö	⌒	≠	≠	⌒	Θ	·
9	25	41	57	73	89	105	121	137	153	169	185	201	217	233	249
◐	→	*	:	J	Z	j	z	è	Ü	⌒	≠	≠	⌒	Ω	·
10	26	42	58	74	90	106	122	138	154	170	186	202	218	234	250
♂	←	+	;	K	[	k	{	ï	ç	½	≠	≠	■	δ	√
11	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251
♀	⌒	,	<	L	\	l		î	£	¼	≠	≠	■	∞	n
12	28	44	60	76	92	108	124	140	156	172	188	204	220	236	252
♪	↔	-	=	M	J	m	}	ì	¥	ì	≠	≠	■	φ	²
13	29	45	61	77	93	109	125	141	157	173	189	205	221	237	253
♪	▲	.	>	N	^	n	~	Ä	Pt	«	≠	≠	■	€	■
14	30	46	62	78	94	110	126	142	158	174	190	206	222	238	254
☀	▼	/	?	O	_	o	△	Å	f	»	⌒	≠	■	∩	
15	31	47	63	79	95	111	127	143	159	175	191	207	223	239	255

Table 5. PC-8D/N Symbol Set.

NUL	▶		0	@	P	`	p	Ç	É	á	☐	⊥	⊥	α	≡
0	18	32	48	64	80	96	112	128	144	160	176	192	208	224	240
☺	◀	!	1	A	Q	a	q	ü	æ	í	☒	⊥	⊥	β	±
1	17	33	49	65	81	97	113	129	145	161	177	193	209	225	241
☺	↕	"	2	B	R	b	r	é	Æ	ó	☒	⊥	⊥	Γ	≥
2	18	34	50	66	82	98	114	130	146	162	178	194	210	226	242
♥	!!	#	3	C	S	c	s	â	ô	ú		⊥	⊥	π	≤
3	19	35	51	67	83	99	115	131	147	163	179	195	211	227	243
♦	☞	\$	4	D	T	d	t	ä	ö	ñ	⊥	—	⊥	Σ	∫
4	20	36	52	68	84	100	116	132	148	164	180	196	212	228	244
♣	§	%	5	E	U	e	u	à	ò	Ñ	≡	+	≡	σ	∫
5	21	37	53	69	85	101	117	133	149	165	181	197	213	229	245
♠	—	&	6	F	V	f	v	å	û	õ	≡	≡	≡	μ	÷
6	22	38	54	70	86	102	118	134	150	166	182	198	214	230	246
●	↕	'	7	G	W	g	w	ç	ù	Õ	≡	≡	≡	τ	≈
7	23	39	55	71	87	103	119	135	151	167	183	199	215	231	247
◼	↑	(	8	H	X	h	x	ê	ÿ	ı	≡	⊥	≡	Φ	°
8	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248
○	↓	)	9	I	Y	i	y	ë	Ö	ã	≡	≡	⊥	Θ	·
9	25	41	57	73	89	105	121	137	153	169	185	201	217	233	249
◉	→	*	:	J	Z	j	z	è	Ü	Ã	≡	≡	≡	Ω	·
10	26	42	58	74	90	106	122	138	154	170	186	202	218	234	250
♂	←	+	;	K	[	k	{	ï	ø	ℓ	≡	≡	◼	δ	√
11	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251
♀	⊥	,	<	L	\	l		î	£	ñ	≡	≡	◼	∞	n
12	28	44	60	76	92	108	124	140	156	172	188	204	220	236	252
🎵	↔	-	=	M	]	m	}	ì	Ø	ı	≡	≡	◼	φ	²
13	29	45	61	77	93	109	125	141	157	173	189	205	221	237	253
🎵	▲	.	>	N	^	n	~	Ä	Ł	³	≡	≡	◼	€	■
14	30	46	62	78	94	110	126	142	158	174	190	206	222	238	254
☀	▼	/	?	O	_	o	△	Å	†	□	⊥	≡	◼	∩	
15	31	47	63	79	95	111	127	143	159	175	191	207	223	239	255

Table 6. PC-850 Symbol Set

NUL	▶		0	@	P	`	p	Ç	É	á	☐	⌒	ð	Ó	-
0	16	32	48	64	80	96	112	128	144	160	176	192	208	224	240
☺	◀	!	1	A	Q	a	q	ü	æ	í	☒	⊥	Ð	β	±
1	17	33	49	65	81	97	113	129	145	161	177	193	209	225	241
☺	↕	"	2	B	R	b	r	é	Æ	ó	☒	⊥	Ê	Ô	=
2	18	34	50	66	82	98	114	130	146	162	178	194	210	226	242
♥	!!	#	3	C	S	c	s	â	ô	ú		⊥	Ë	Ò	¾
3	19	35	51	67	83	99	115	131	147	163	179	195	211	227	243
♦	¶	\$	4	D	T	d	t	ä	ö	ñ	⊥	—	È	õ	¶
4	20	36	52	68	84	100	116	132	148	164	180	196	212	228	244
♣	§	%	5	E	U	e	u	à	ò	Ñ	Á	+	ı	Õ	§
5	21	37	53	69	85	101	117	133	149	165	181	197	213	229	245
♠	—	&	6	F	V	f	v	å	û	ª	Â	ã	Í	μ	÷
6	22	38	54	70	86	102	118	134	150	166	182	198	214	230	246
●	↕	'	7	G	W	g	w	ç	ù	º	À	Ã	Î	þ	¸
7	23	39	55	71	87	103	119	135	151	167	183	199	215	231	247
◼	↑	(	8	H	X	h	x	ê	ÿ	¿	©	ℒ	Ï	Ɔ	°
8	24	40	56	72	88	104	120	136	152	168	184	200	216	232	248
○	↓	)	9	I	Y	i	y	ë	Ö	®	≡	≡	⊥	Ú	”
9	25	41	57	73	89	105	121	137	153	169	185	201	217	233	249
◼	→	*	:	J	Z	j	z	è	Ü	¬		≡	≡	Û	·
10	26	42	58	74	90	106	122	138	154	170	186	202	218	234	250
♂	←	+	;	K	[	k	{	ï	ø	½	⌊	≡	◼	Ü	ı
11	27	43	59	75	91	107	123	139	155	171	187	203	219	235	251
♀	⌒	,	<	L	\	l		î	£	¼	≡	≡	◼	ý	³
12	28	44	60	76	92	108	124	140	156	172	188	204	220	236	252
♪	↔	-	=	M	]	m	}	ì	Ø	ı	©	≡		Ý	²
13	29	45	61	77	93	109	125	141	157	173	189	205	221	237	253
♪	▲	.	>	N	^	n	~	Ä	×	«	¥	≡	Ï	-	■
14	30	46	62	78	94	110	126	142	158	174	190	206	222	238	254
☼	▼	/	?	O	_	o	◊	Å	f	»	⌊	◻	◼	'	
15	31	47	63	79	95	111	127	143	159	175	191	207	223	239	255

## Printer Commands

If your software application does not support the **HP Great Start** font cartridge, contact your software vendor regarding the availability of a driver. If the driver is not available, access to the fonts on the **HP Great Start** font cartridge can be gained by issuing full printer commands from your software, if your software allows you to embed these printer commands. (Refer to your software application manual).

Tables 7 and 8 show the typeface, orientation, symbol set, spacing, pitch, point size, style, stroke weight, and full printer command for each of the Letter Gothic and CG Times fonts available in the **HP Great Start** font cartridge.

Read the following instructions before selecting fonts using the printer commands:

- Use of the full printer command ensures correct font selection for any application. For further information on printer commands see the user's manual or technical reference manual for your printer.
- Printer commands always begin with the escape character  $\text{F}_c$ . The escape character is followed by a unique series of letters and numbers that tell the printer what to do.

The escape character  $\text{F}_c$  is often represented by either 1B (hexadecimal) or 027 (decimal). Which you use depends on your software application (refer to your software manual).

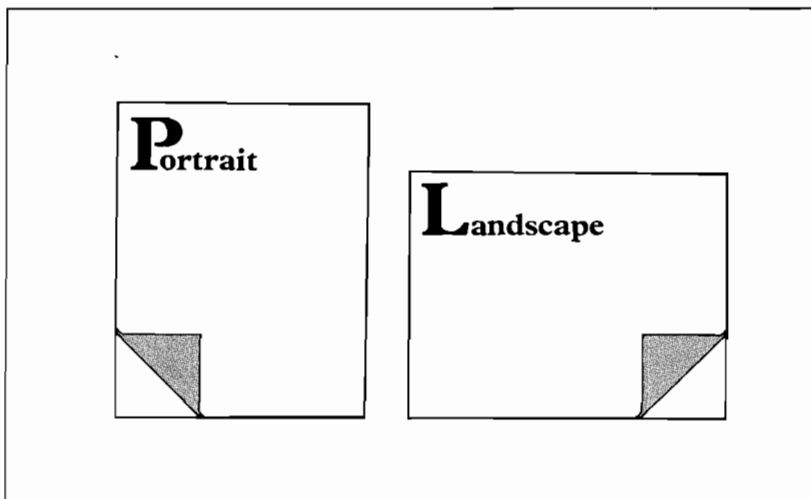
Before using printer commands, take a moment to compare these characters:

Lower-case l - ℓ	Upper-case O - O
Number one - 1	Number zero - 0

- Don't let the differences between these characters confuse you. Many printer commands use the lower-case l (ℓ) and the number one (1), or the upper-case O (O) and the number zero (0). *Your screen does not have the capability to display these symbols as they will appear on the printed page.*

- Use `ESC & l 0 O` to specify portrait orientation.
- Use `ESC & l 1 O` to specify landscape orientation.

Figure 8 shows the difference between portrait and landscape orientation.



**Figure 8. Portrait and Landscape Orientation.**

### **Printer Command Example**

The following full printer command demonstrates how to select the Letter Gothic (typeface), portrait (orientation), DeskTop (symbol set), 12 pitch, 12 point, upright, medium font:

```
ESC & l 0 O ESC ( 7 J ESC ( s 0 p 1 2 h 1 2 v 0 s 0 b 6 T
```

Refer to your printer's user's manual or technical reference manual for additional information on printer commands.

Table 7. Letter Gothic Font Characteristics.

Typeface	Orient	Spacing	Pt	Style	Stroke	Printer Command
Letter Gothic	Portrait	27.27	3.6	Upright	Medium	$E_C \& \ell \theta O_{E_C} (**E_C (s \theta p 27.27 h 3.6 v \theta s \theta b 6 T$
Letter Gothic	Portrait	12	12	Upright	Medium	$E_C \& \ell \theta O_{E_C} (**E_C (s \theta p 12 h 12 v \theta s \theta b 6 T$
Letter Gothic	Portrait	12	12	Upright	Bold	$E_C \& \ell \theta O_{E_C} (**E_C (s \theta p 12 h 12 v \theta s 3 b 6 T$
Letter Gothic	Portrait	12	12	Italic	Medium	$E_C \& \ell \theta O_{E_C} (**E_C (s \theta p 12 h 12 v 1 s \theta b 6 T$

Symbol Set:

- \*\* enter 7J for DeskTop
- \*\* enter 8U for Roman-8
- \*\* enter 0N for ECMA-94 Latin1
- \*\* enter 10U for PC-8
- \*\* enter 11U for PC-8D/N
- \*\* enter 12U for PC-850

Table 8. CG Times Font Characteristics.

Typeface	Orient	Spacing	Pt	Style	Stroke	Printer Command
CG Times	Portrait	Prop.	11	Upright	Medium	$E_C \& \ell \theta O_{E_C} (**E_C (s 1 p 11 v \theta s \theta b 5 T$
CG Times	Portrait	Prop.	11	Upright	Bold	$E_C \& \ell \theta O_{E_C} (**E_C (s 1 p 11 v \theta s 3 b 5 T$
CG Times	Portrait	Prop.	11	Italic	Medium	$E_C \& \ell \theta O_{E_C} (**E_C (s 1 p 11 v 1 s \theta b 5 T$

Symbol Set:

- \*\* enter 7J for DeskTop
- \*\* enter 8U for Roman-8
- \*\* enter 0N for ECMA-94 Latin1
- \*\* enter 10U for PC-8
- \*\* enter 11U for PC-8D/N
- \*\* enter 12U for PC-850

# Hewlett-Packard Custom Font Services

---

Hewlett-Packard Custom Font Cartridges and Soft Fonts are now available.

Design your own custom font cartridge or soft font package to fit your particular needs. Choose from the following font options:

- Any font from an existing Hewlett-Packard standard font cartridge product.
- Any font from the Hewlett-Packard AC-AG, DA, DC or EA Soft Font Collection.
- Arabic, Hebrew, and Cyrillic typefaces.
- Bar codes including 3 of 9, Codabar, UPC, and others.
- Custom symbol set mappings.
- Signatures.
- Soft font site licensing.

For information on these services, contact:

Hewlett-Packard Boise Division  
Product Specials  
11311 Chinden Boulevard  
MS 159  
Boise, Idaho 83714  
  
(208) 323-3684

## Ordering Fonts

Hewlett-Packard offers a growing library of different font cartridges. Check with your authorized HP dealer to see which new font products are available. To locate the dealer nearest you, call:

**USA**                **1-800-752-0900**

**Canada**            **1-800-387-3867**

**Other countries:** contact an authorized HP dealer or local HP sales office.

If your dealer is temporarily out of stock, call **HP DIRECT:**

**USA**                **1-800-538-8787**

**Canada**            **Toronto - 416-671-8383**  
**Ontario/Quebec - 1-800-387-3417**  
**Other Provinces - 1-800-387-3154**

## Additional Product Information

For additional product information call:

**CIC (Customer Information Center) 1-800-752-0900**









# Great Start

## Cartridge Contents

All fonts support Roman-8, PC-8, PC-850, DeskTop, ECMA-94 Latin 1 and PC-8 D/N Symbol Sets.

Typeface	Point Size	Pitch	Portrait*
Letter Gothic	12, 36	12, 27,27	•
<b>Letter Gothic bold</b>	12	12	•
<i>Letter Gothic italic</i>	12	12	•
CG Times	11	Proportional	•
<b>CG Times bold</b>	11	Proportional	•
<i>CG Times italic</i>	11	Proportional	•

\*Landscape orientation available in HP LaserJet printer models that can automatically rotate fonts.

Supports the HP LaserJet printer family, excluding the HP LaserJet 2686A, LaserJet PLUS and LaserJet 500 PLUS printers.

© Copyright Hewlett-Packard Company 1989

CG Times is a product of Agfa Corporation, AGFA Compugraphic Division.