

# Chapter 5 - Configuration

---

## Chapter Overview

- Printer Control

  - The Front Panel

    - The Display Window

    - Front Panel Lights (LEDs)

    - Front Panel Keys

- The Configuration Menu Structure

  - Selecting Menu Options

- The Main Menus

- The Miscellaneous Menu

  - The DPI Menu

  - The Gamma Menu

  - The Initial Job Menu

  - The Jam Recovery Menu

  - The Language Menu

  - The Manual Feed Menu

  - The Power Save Menu

  - The Screen Menu

  - The Startup Page Menu

  - The Timeout Menu

- The Interface Menu

  - The RS232 Menu

  - The Parallel Menu

  - The LocalTalk, EtherTalk, and LinePrinter Menus

  - The Novell Print Server Menu

- The PCL5 Menu

  - The Copies Menu

  - The Lines/Inch Menu

  - The Orient Menu

  - The Line Wrap Menu

  - The Font Menu

  - The Font Page Menu

- PostScript and Emulations

  - Selecting PostScript and Emulation Modes

# Notes

---

# Introduction

---

This chapter covers controlling the printer, introducing you to the front panel and its menus, and working with emulations.

## Printer Control

---

There are three basic ways to control your printer:

- Through applications
- Through XANTÉ Utilities
- Through the printer's front panel

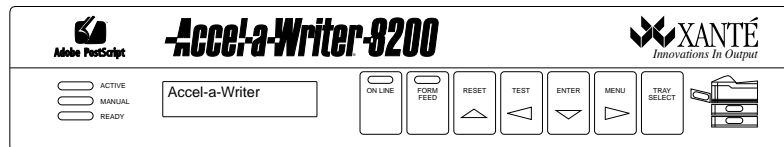
This chapter deals with using the front panel. For information on using applications, see the specific application documentation and appendix B, "Application Notes," in this manual. For information on XANTÉ Utilities, check the Table of Contents and Index for the specific task, such as downloading fonts or tray chaining.

**Note:** Usually, when settings differ, application settings have priority, followed by utility, and then front panel settings.

## The Front Panel

---

The front panel on the printer has a display window, status lights, and control keys (fig. 5.1).



*Fig. 5.1 Printer Front Panel*

The front panel is used to direct printer operations. When your printer is powered on, all the lights flash, indicating the printer is performing self-diagnostic tests. The following messages appear during this initialization period of approximately 90 seconds: Accel-a-Writer, INITIALIZING, and FIRST JOB (if the Initial Job feature is enabled, the factory default). If the start-up page is enabled (the factory default), READY/PRINTING displays in the window, and a start-up page prints. When READY/IDLE appears in the display window, the printer is ready to accept a job.

## The Display Window

---

This window on the left side of the front panel (fig. 5.1) displays messages that indicate the printer status, ask for operator attendance, relay error or service information, and display menu items.

## Front Panel Lights (LEDs)

---

The front panel features eight lights, called LEDs (Light Emitting Diodes), which indicate printer status (fig. 5.1). These lights either flash or come on during warm up while the printer automatically runs self-diagnostic tests. The following list explains what each LED indicates when it is on or blinking.



**The Active LED** is the top left light on the front panel. When it is on and does not blink, the printer is receiving data. When it is on and blinking, it indicates that the printer is processing data.

**The Manual LED** is the middle light on the left side of the front panel. It is on when the fold down tray is selected. (The fold down tray LED in the printer icon also will be on when the Manual LED is on.)

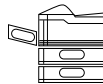
**The Ready LED** is the bottom light on the left side of the front panel. It is on when the printer is ready to receive data and stays on unless an engine error occurs or the printer cover is opened.



**The On Line LED** located on the On Line key is lit when the printer is on line and ready to receive and process a file. It may also be on while you are working within the printer's menu structure.



**The Form Feed LED** operates only when the printer is in PostScript or HP PCL 5 emulation. Some hosts do not issue a form feed command at the end of a page. When this happens in PostScript and the Form Feed LED is on, take the printer off line and press the Form Feed key; after a blank page prints, press the On line key to put the printer back on line. When this happens in HP PCL 5 and the Form Feed LED is on, press the Form Feed key; a page prints, clearing any remaining job data from the printer's memory.



**The Printer Icon LEDs** indicate which tray is selected. Only one LED on this icon is lit at a time. However, if the Manual Feed Tray LED (for the fold down tray) is on, the Manual LED on the far left of the front panel will be on also. The bottom LED on this icon only comes on if you have the optional paper feeder and cassette installed and that is the chosen media source.

## Front Panel Keys

---

The seven front panel keys provide a quick, convenient way for you to carry out routine operations such as changing resolutions or switching emulations.



**The On Line key** is used to take the printer on and off line. The window reads READY/IDLE when the printer is on line or OFFLINE if it is off line. The printer must be on line to receive data from your computer.



**The Form Feed key** only operates when the printer is in PostScript or in HP PCL 5 emulation. Some hosts do not issue a form feed command at the end of a page. When this happens in PostScript and the Form Feed LED is on, take the printer off line and press the Form Feed key; after a blank page prints, press the On Line key to put the printer back on line. When this happens in HP PCL 5 and the Form Feed LED is on, press the Form Feed key; a page prints, clearing any remaining job data from the printer's memory.



**The up arrow Reset ↑ key** cancels a job currently being processed if you take the printer off line and press the Reset ↑ key. If you enter the configuration menu structure, press the Reset ↑ key to back out of the menus one level at a time.



**The left arrow Test ← key** is used to print a test start-up page when the printer is off line and not working in the menu structure. If the printer is in the menu structure, press the Test ← key to scroll backwards through options within the current menu or to lower a numeric value such as the number of copies to print.



**The down arrow Enter ↓ key** is used when working within the menu structure. Press the Enter ↓ key to select a menu or to select an option within a menu when that option is visible in the display window. When you select an option, the option name switches to all capitalized letters in the display window.



**The right arrow Menu → key** is used to enter the menu structure. Press the Menu → key until a menu displays in the window (the last main menu you were in displays). Once you have selected a menu, press the Menu → key again to scroll forward through the options (which can be submenus, bottom level choices such as a resolution, or a mixture of the two) within the current menu or to raise a numeric value such as the number of copies to print.



**The Tray Select key** is used to change the default paper tray. When you press the Tray Select key, the first tray that appears in the display window is the current tray or tray chaining (auto tray switch). Application settings override this setting. Press the Tray Select key to toggle between trays or tray chaining. The printer icon indicator lights to the right of this key show which tray is chosen.

**Note:** The tray options do not appear in all capital letters in the display window. Instead the print icon LEDs indicate the current selection and whatever tray is listed is the selected paper tray.

# The Configuration Menu Structure

---

The configuration menus allow you to set up your printer through the front panel. Through this menu structure, you can select options such as the serial communications settings, printer resolution, and start-up page printing.

This section explains how to use the menu structure to configure your printer along with an example of changing the printer resolution. Each main menu and its various submenus and options are covered. For a menu structure overview, see fold-out Accel-a-Writer 8200 menu structure quick reference sheet included with this manual. This sheet has a complete listing of the printer's menus.

**Note:** To reset the printer options to the factory default settings, turn off the printer, hold in the Online and Tray Select keys, turn on the printer, and then release the keys after POWER UP appears in the window.

## Selecting Menu Options

---

Use the front panel's configuration menu structure to set-up your printer to communicate with your host computer.

**Note:** Four printer keys have arrows to indicate their use within the menu structure. The up arrow on the Reset ↑ key indicates backing up a menu level at a time. The down arrow on the Enter ↓ key indicates moving down a menu level at a time. The right arrow on the Menu → key indicates scrolling forward through menu selections or increasing numeric values, and the left arrow on the Test ← key indicates scrolling back through menu selections or decreasing numeric values.

To enter the menu structure and make selections

1. Make sure the printer is on and idle.

2. Press the Menu → key to enter the menu structure. The last main menu you were in appears in the window.
3. Continue pressing the Menu → key if you are in the desired menu level (or press the Reset ↑ key to back out to a previous menu level and then press the Menu → key) until the desired menu appears in the window.
4. Press the Enter ↓ key to select the desired menu. One of the options within the selected menu appears in the window.

**Note:** All options (which can be bottom level choices such as a resolution or submenus) within a menu level appear when you scroll through the menu.

5. Press the Menu → key until the desired submenu option appears. If the option is not capitalized, go to step 6.

If the option is capitalized, it is already the current selection. To make further selections, go to step 7. Otherwise, go to step 8.

6. Press the Enter ↓ key to select the desired option if the option is not a numeric value. If the option is a numeric value, use the Test ← key to lower the value or use the Menu → key to raise the value to the desired amount; then, press the Enter ↓ key.

When selected, the name of the option changes from lowercase letters to all capitalized letters. To make further selections, skip to step 8.

7. Use the Reset ↑, Test ←, Menu →, and the Enter ↓ keys to select other desired options. Repeat steps 2 and 6 until you make all desired selections.
8. Press the On Line key to reset the printer and put it back on line, ready for printing. READY/IDLE appears in the window.

For example, if you want to change the printer's resolution from 600 x 600 dpi to 800 x 800 dpi, do the following:

1. Make sure the printer is on and idle.

2. Press the MENU → key until SETUP:MISC (the Miscellaneous menu) appears in the window.
3. Press the Enter ↓ key to select the Miscellaneous menu.
4. Press the Menu → key until MISC:DPI appears in the window.
5. Press the Enter ↓ key to enter the dpi menu.
6. Press the Menu → key until dpi:800 800 appears, if necessary. If DPI is capitalized, then 800 x 800 is already the default resolution; skip to step 8.
7. Press the Enter ↓ key to select dpi:800 800. The selection changes to all capital letters, DPI:800 800, in the window.
8. Press the On Line key. READY/IDLE appears in the window.

The printer now has 800 x 800 dpi selected as the default resolution.

## The Main Menus

---

Your Accel-a-Writer 8200 contains three main configuration menus (fig. 5.2), the Miscellaneous (SETUP:MISC) menu, the Interface (SETUP:I/F) menu, and the PCL5 (SETUP:PCL5) menu, which allow you to configure (to set up) your printer through the front panel. Each main menu contains related submenus with specific options. For example, the Interface menu contains the RS232 submenu, which in turn includes baud rate and handshaking selections.

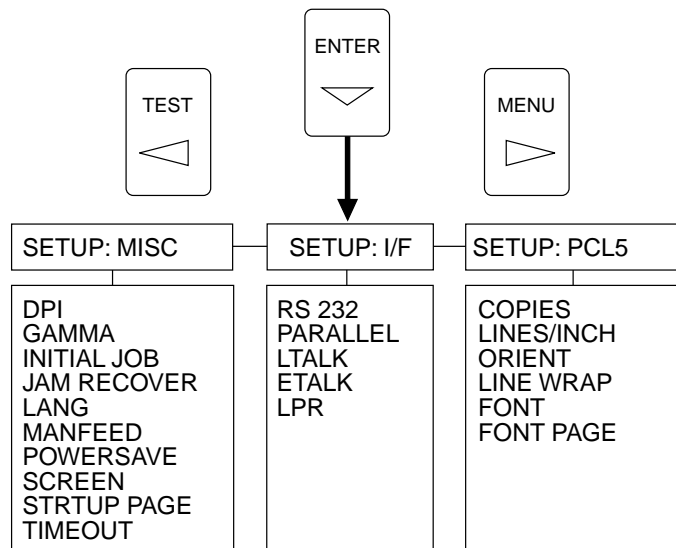


Fig. 5.2 The Main Configuration Menus

## The Miscellaneous Menu

---

The Miscellaneous menu, SETUP:MISC, includes ten submenus with more options. The submenus are

- **DPI**  
(printer resolution)
- **GAMMA**  
(Halftone Calibration Technology)
- **INITIAL JOB**  
(executes SCSI disk Sys/Start file)
- **JAM RECOVER**
- **LANG**  
(printer display language)
- **MANFEED**  
(manual feed media sizes)
- **POWERSAVE**
- **SCREEN**  
(enhanced levels of gray)
- **STRTUP PAGE**  
(start-up page printing)
- **TIMEOUT**  
(job timeout)

Use the procedure in “Selecting Menu Options” earlier in this chapter to select these submenus and their options.

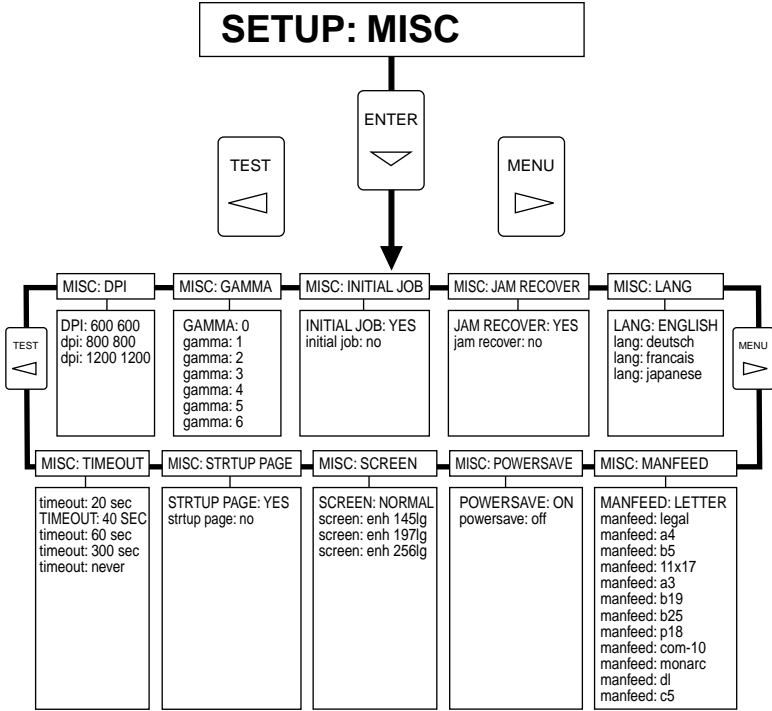


Fig. 5.3 The Miscellaneous Menu

## The DPI Menu

The DPI menu, MISC:DPI, allows you to select the printing resolution. The standard option is 600 x 600 dpi resolution. However, any resolution upgrades you add to the printer appear in this menu. The upgrades include 800 x 800 dpi and 1200 x 1200 dpi. The factory default is DPI:600 x 600.

## The Gamma Menu

---

The Gamma menu, MISC:GAMMA, refers to XANTÉ's Halftone Calibration Technology and allows you to select the gamma correction setting for your printer. This selection allows you to sharpen midrange contrasts by lightening the image without changing blacks which affect shadows and whites which affect highlights. The options are 0 through 6 with a factory default of 0 which means no change. The higher the number is, the lighter the picture except for 6 which is a negative image. See "Gamma Corrections" in chapter 7 for more details.

## The Initial Job Menu

---

The Initial Job menu, MISC:INITIAL JOB, allows you to have the printer execute a Sys/Start file, if one exists, on an external hard disk when the printer is turned on. The options are YES to enable this feature and NO to disable this feature. The factory default is YES.

## The Jam Recovery Menu

---

The Jam Recovery menu, MISC:JAM RECOVER, allows you to enable (YES) or to disable (NO) the jam recovery feature of your printer. This feature causes a jammed page to reprint after the jam is cleared, and then the remaining part of the job prints. If Jam Recovery is enabled, it works as long as you do not turn off the power to the printer while removing the jam. The factory default is YES.

## The Language Menu

---

The Language menu, MISC:LANG, allows you to select the following languages for the display window: English, German (Deutsch), French (Francais), or Japanese. The factory default is ENGLISH.

## The Manual Feed Menu

---

The Manual Feed menu, MISC:MANFEED, allows you to select the size of the media which is manually fed to the printer. The options include LETTER, LEGAL, A4, B5, 11x17, A3, B25, COM-10, MONARCH, DL, and C5. The factory default is LETTER.

If you print on a size of media that is not listed in the Manual Feed menu, select the paper size through a software application. Selections made in the application override this front panel selection.

**Note:** If the extra wide print option is installed, the standard 11.81" x 19.00" and 11.81" x 25.00" page sizes convert to the wider page sizes, 12.00" x 19.00" and 12.00" x 25.00" respectively. To print on the standard sizes, select them through a software application by entering the page sizes.

## The Power Save Menu

---

The Power Save menu, MISC:POWERSAVE, allows you to enable (ON) or to disable (OFF) the power saver feature of your printer. This feature puts the printer into a “sleep” mode which reduces the fuser temperature and conserves power when the printer is not used for over 30 minutes. The factory default is ON.

**Note:** When you resume printing from the power save sleep mode, the engine goes through the same initializing process as when the printer power is turned on. This takes approximately 90 seconds. When READY/IDLE appears in the display window, the printer is ready to accept a job.

## The Screen Menu

---

The Screen menu, MISC:SCREEN, allows you to select the numbers of gray levels to print. The options are Normal, 145lg, 197lg, and 256lg. The factory default is MISC:SCREEN:Normal. (See “Levels of Gray” in chapter 7 for more details.

## The Startup Page Menu

---

The Startup Page menu, MISC:STRTUP PAGE, allows you to enable (YES) or to disable (NO) the automatic printing of the start-up page each time the printer is turned on. The factory default is YES.

## The Timeout Menu

---

The Timeout menu, MISC:TIMEOUT, allows you to select the number of seconds the printer waits for additional incoming data before cancelling a job and returning to the idle state, ready to accept another job. This prevents the printer from being tied up indefinitely on one job. The options are 20, 40, 60, 300, and never. The factory default is 40 seconds.

**Note:** If you send large files, such as graphic intensive images or CAD (Computer Aided Design) files, you should select 300 or NEVER. However, remember that if you select NEVER, the printer does not time out and could remain tied up on the current job until you cancel it. For example, if you send a PCL job without a form feed command and the timeout is set to never, no subsequent jobs can print until you send a form feed command or press the Form Feed key.

## The Interface Menu

---

The Interface menu, SETUP:I/F, controls the settings and includes six submenus in its top level (with other menus and options in lower levels). The submenus are

- RS232
- PARALLEL
- LTALK (LocalTalk)
- ETALK (EtherTalk)
- LPR (LinePrinter)
- NVL PSRV (Novell Print Server)

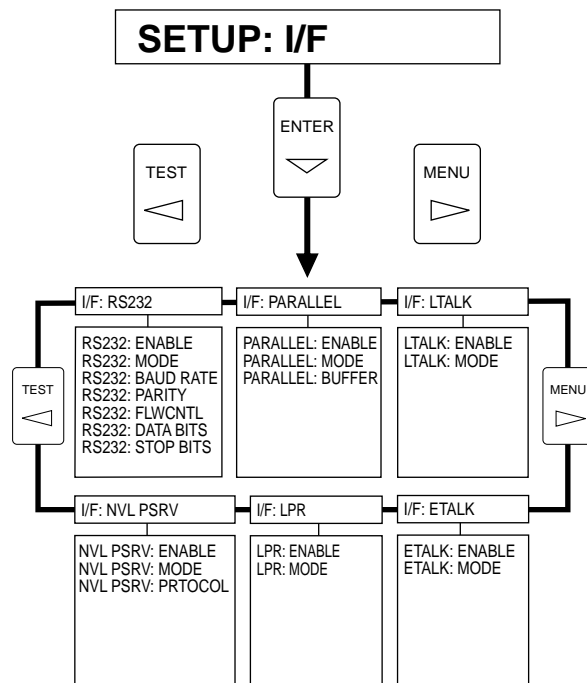


Fig. 5.4 The Interface Menu

The RS232 menu has seven submenus which are covered separately in this section. Two menus (Parallel and Novell Print Server) contain three submenus and are covered individually. Three menus (LocalTalk, EtherTalk, and LinePrinter) contain two submenus, Enable and Mode, which work similarly and are covered as a group. Use the procedure in “Selecting Menu Options” earlier in this chapter to these select submenus and their options.

## The RS232 Menu

The RS232 menu, I/F:RS232, allows you to configure the RS232 serial interface communication settings, to enable or disable the interface, and to select the interface mode. This menu includes seven submenus. The submenus are

- ENABLE
- MODE
- BAUD RATE
- PARITY
- STOP BITS
- DATA BITS
- FLWCNTL (flow control)

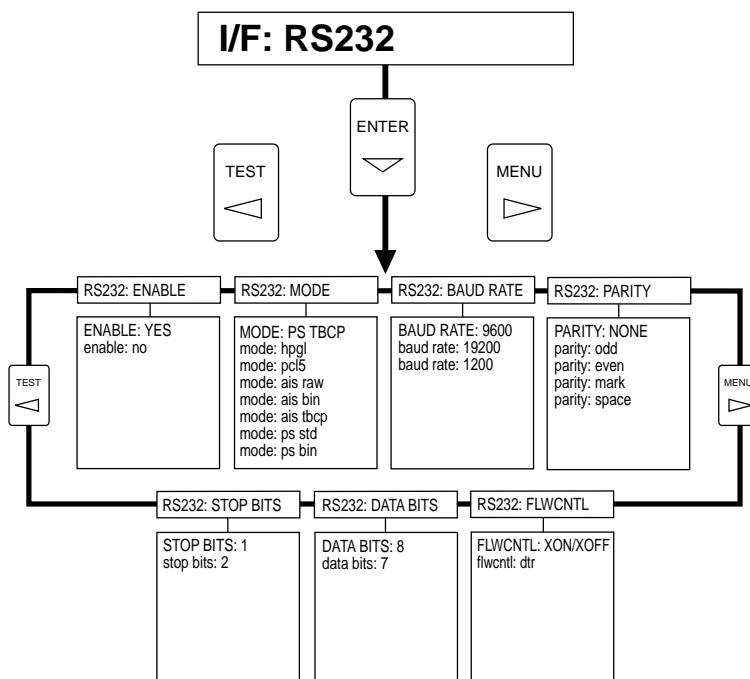


Fig. 5.5 The RS232 Menu

### **The Enable Menu**

The Enable menu, RS232:ENABLE, allows you to enable (YES) or to disable (NO) the RS232 interface. The factory default is NO unless the Ethernet card is installed.

### **The Mode Menu**

The Mode menu, RS232:MODE, allows you to select PostScript, an emulation mode (HP-GL or PCL5), or automatic switching between PostScript and PCL5 modes. The mode options are PS STD, PS BIN, PS TBCP, HPGL, PCL5, AIS RAW, AIS BIN, and AIS TBCP. AIS options switch between PostScript and PCL5. The factory default is PS STD.

PS STD	for standard PostScript
PS BIN	for binary PostScript
PS TBCP	for tagged binary communication protocol PostScript
HPGL	for HP-GL 7475A emulation
PCL5	for HP PCL 5 emulation
AIS RAW	for automatic interface switching
AIS BIN	for binary automatic interface switching
AIS TBCP	for tagged binary communication protocol automatic interface switching

See the “PostScript and Emulations” section at the end of this chapter for more details on selecting emulations.

### **The Baud Rate Menu**

The Baud Rate menu, RS232:BAUD RATE, allows you to select a baud rate of 1200, 9600, and 19200. The factory default is 9600.

### **The Parity Menu**

The Parity menu, RS232:PARITY, allows you to select none, even, odd, mark, or space parity. The factory default is NONE.

### **The Flow Control Menu**

The Flow Control menu, RS232:FLWCNTL, allows you to select XON/XOFF (software) or DTR (hardware) flow control. The factory default is XON/XOFF.

### The Data Bits Menu

The Data Bits menu, RS232:DATA BITS, allows you to select either 7 or 8 data bits. The factory default is 8.

To change this numeric value once you are in this menu, use the Test ← key to lower or use the Menu → key to raise this value to the desired amount; then, press the Enter ↓ key to confirm the selection.

### The Stop Bits Menu

The Stop Bits menu, RS232:STOP BITS, allows you to select either 1 or 2 stop bits. The factory default is 1.

To change this numeric value once you are in this menu, use the Test ← key to lower or use the Menu → key to raise the value to the desired amount; then, press the Enter ↓ key to confirm the selection.

## The Parallel Menu

---

Use the Parallel menu, I/F:PARALLEL, to configure the parallel interface. The Parallel menu includes three submenus. These submenus are

- ENABLE
- MODE
- BUFFER

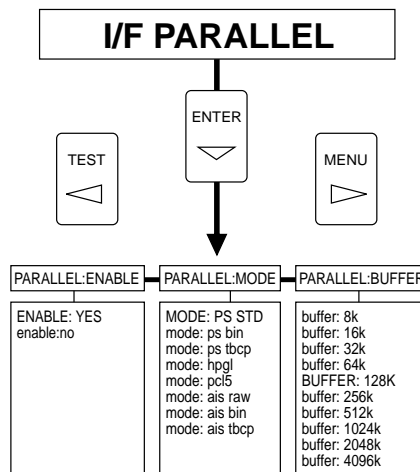


Fig. 5.6 The Parallel Menu

### **The Enable Menu**

The Enable menu, PARALLEL:ENABLE, allows you to enable (YES) or to disable (NO) the parallel interface on your printer. The factory default is YES.

### **The Mode Menu**

The Mode menu, PARALLEL:MODE, allows you to select PostScript, an emulation mode (HP-GL or PCL5), or automatic switching between PostScript and PCL5 modes. The mode options are PS STD, PS BIN, PS TBCP, HPGL, PCL5, and AIS RAW. The factory default is PS STD.

PS STD	for standard PostScript
PS BIN	for binary PostScript
PS TBCP	for tagged binary communication protocol PostScript
HPGL	for HP-GL 7475A emulation
PCL5	for HP PCL 5 emulation
AIS or AIS RAW	for automatic interface switching

See the “PostScript and Emulations” section at the end of this chapter for more details on selecting emulations.

### **The Buffer menu**

The Buffer menu, PARALLEL:BUFFER, allows you to reserve a buffer area in the printer’s RAM to hold incoming files. The options are 8K, 16K, 32K, 64K, 128K, 512K, 256K, 1024K, 2048K, and 4096K. The factory default is 128K.

## **The LocalTalk, EtherTalk, and LinePrinter Menus**

Use the LocalTalk menu (I/F:LTALK) to configure the LocalTalk interface. Use the EtherTalk or LinePrinter to configure the Ethernet interface. Each of these three menus includes two submenus which work in the same manner. The submenus are

- ENABLE
- MODE

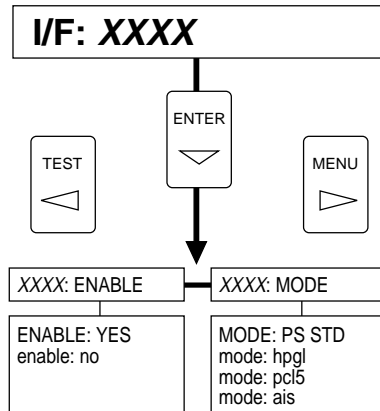


Fig. 5.7 The LocalTalk, EtherTalk, and LinePrinter Menus

**Note:** The XXXX in figure 5.7 will be replaced by the specific interface menu chosen.

### The Enable Menu

The Enable menu, XXXX:ENABLE, allows you to enable (YES) or to disable (NO) the LocalTalk, or Ethernet interfaces on your printer. The XXXX will be replaced by the specific interface menu chosen, either LTALK, ETALK, or LPR. The factory default for LTALK, ETALK, and LPR is YES.

### The Mode Menu

The Mode menu, XXXX:MODE, allows you to select PostScript, an emulation mode (HP-GL or PCL5), or automatic switching between modes. The XXXX will be replaced by the specific interface menu chosen, either LTALK, ETALK, or LPR. The mode options are PS STD, HPGL, PCL5, and AIS. The AIS option switches between PostScript and PCL5. The factory default is PS STD.

PS STD	for standard PostScript
HPGL	for HP-GL 7475A emulation
PCL5	for HP PCL 5 emulation
AIS	for automatic interface switching

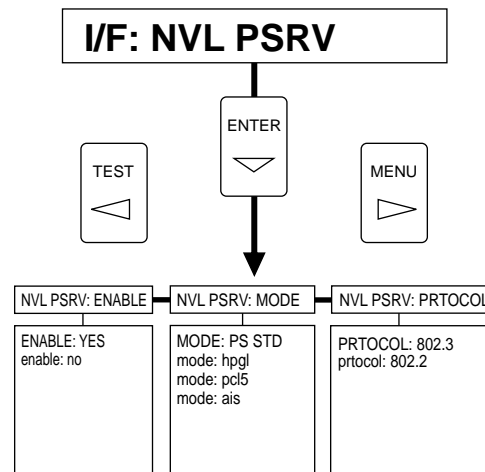
See the “PostScript and Emulations” section at the end of this chapter for more details on selecting emulations.

## The Novell Print Server Menu

---

Use the Novell Print Server menu (I/F:NVL PSRV) to configure the Ethernet interface. This menu includes three submenus. The submenus are

- ENABLE
- MODE
- PRTOCOL (protocol)



*Fig. 5.8 The Novell Print Server Menu*

### The Enable Menu

The Enable menu, NVL PSRV:ENABLE, allows you to enable (YES) or to disable (NO) the LocalTalk, or Ethernet interfaces on your printer. The factory default for NVL PSRV is NO.

### The Mode Menu

The Mode menu, NVL PSRV:MODE, allows you to select PostScript, an emulation mode (HP-GL or PCL5), or automatic switching between modes. The mode options are PS STD, HPGL, PCL5, and AIS. The AIS option switches between PostScript and PCL5. The factory default is PS STD.

PS STD	for standard PostScript
HPGL	for HP-GL 7475A emulation

PCL5 for HP PCL 5 emulation  
 AIS for automatic interface switching

See the “PostScript and Emulations” section at the end of this chapter for more details on selecting emulations.

### The Novell Protocol Menu

The Novell Protocol Menu, NVL PSRV:PROTOCOL, allows you to select between Novell protocol frame types 802.3 and 802.2. The factory default is 802.3.

## The PCL5 Menu

The PCL5 menu, SETUP:PCL5, includes six other menus, some with more submenus below them.

- COPIES
- LINES/INCH
- ORIENT
- LINE WRAP
- FONT
- FONT PAGE

Use the procedure in “Selecting Menu Options” earlier in this chapter to select these submenus and their options.

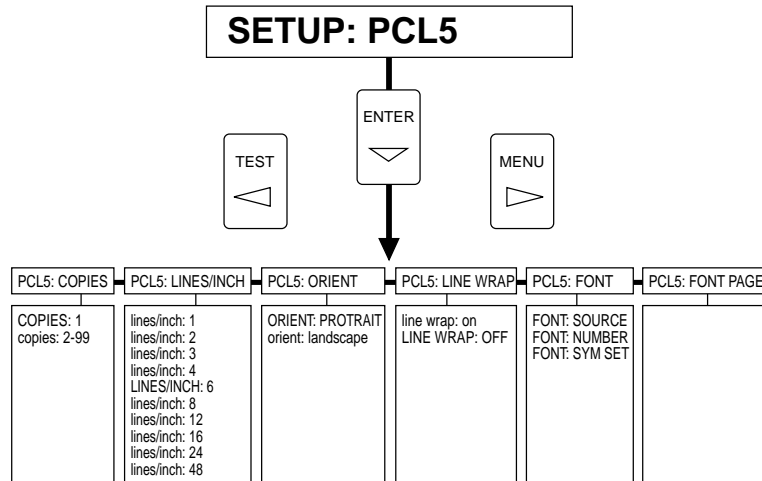


Fig. 5.9 The PCL5 Menu

## The Copies Menu

---

The Copies menu, PCL5:COPIES, allows you to select from 1 to 99 copies to print. The factory default is 1 copy.

To change this numeric value once you are in this menu, use the Test ← key to lower or use the Menu → key to raise the value to the desired amount. Then, press the Enter ↓ key to confirm the selection.

## The Lines/Inch Menu

---

The Lines/Inch menu, PCL5:LINES/INCH, allows you to select from 1 to 12 lines per inch (lpi) to print. The factory default is 6.

To change this numeric value once you are in this menu, use the Test ← key to lower or use the Menu → key to raise the value to the desired amount. Then, press the Enter ↓ key to confirm the selection.

## The Orient Menu

---

The Orient Menu, PCL5:ORIENT, allows you to select the page orientation. The two options are Portrait and Landscape. Portrait (tall) printing goes across the narrower dimension of the page; landscape (wide) printing goes across the wider dimension of the page. The factory default is PORTRAIT.

## The Line Wrap Menu

---

The Line Wrap menu, PCL5:LINE WRAP, allows you to enable (ON) or to disable (OFF) line wrap. Line wrap is when a line of text reaches the end of a line, it automatically continues on the next line. The factory default is OFF.

# The Font Menu

The Font menu, PCL5:FONT, contains three submenus:

- SOURCE
- NUMBER
- SYM SET

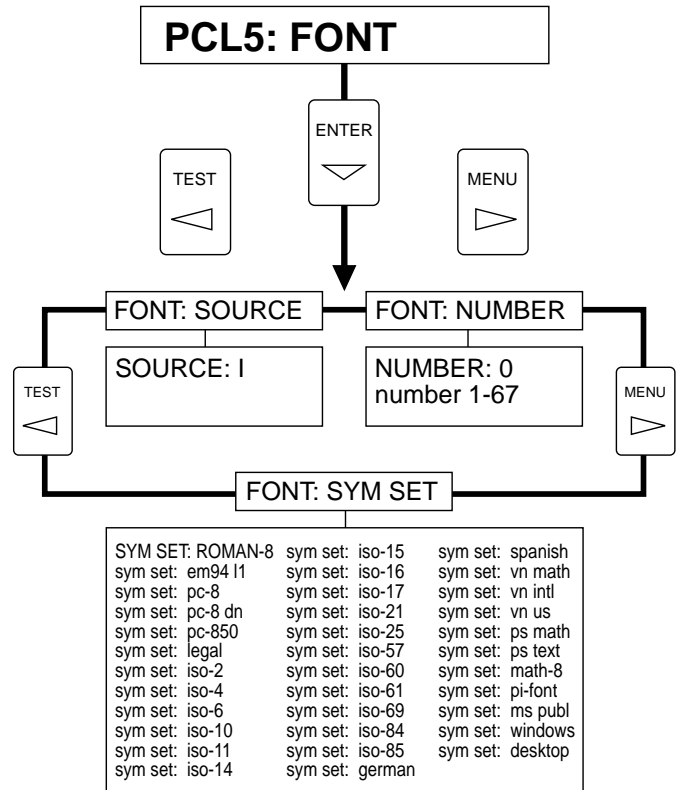


Fig. 5.10 The Font Menu

### The Source Menu

The Source menu, FONT:SOURCE, designates internal fonts for use by the printer. This menu is for future developments and should not be changed. The factory default is the letter I.

### The Number Menu

The Number menu, FONT:NUMBER, designates a font number for the printer's use. This menu is for future developments and should not be changed. Numbers run from 0 to 67 with a factory default of 0.

### The Sym Set Menu

The Sym Set menu, FONT:SYM SET, allows you to select the symbol set for the desired font from the following list. The factory default symbol set is ROMAN-8.

ROMAN-8	ISO-15	spanish
em94 11	ISO-16	vn math
pc-8	ISO-17	vn intl
PC-8 dn	ISO-21	vn us
PC-850	ISO-25	ps math
legal	ISO-57	ps text
ISO-2	ISO-60	math-8
ISO-4	ISO-61	pi-font
ISO-6	ISO-69	ms publ
ISO-10	ISO-84	windows
ISO-11	ISO-85	desktop
ISO-14	german	

## The Font Page Menu

---

The Font Page menu, PCL5:FONT PAGE, causes pages to print which provides a list of the printer's fonts for PCL emulation printing. These pages list the font number, font ID, symbol set, whether it is a fixed font, pitch (cpi - characters per inch), style, stroke weight, the name or typeface, the default orientation, and a print sample with the escape sequence. Once you are in this menu, press the Enter ↓ key to print the page.

# PostScript and Emulations

---

Your printer features Adobe PostScript (the factory default), not an emulation. However, your printer has both HP PCL 5 and HP–GL 7475A emulations for the PC environment, whether you use the serial or the parallel interface.

## Selecting PostScript or Emulation Modes

---

The printer's front panel allows you to select modes (Adobe PostScript or an emulation) through the Interface menu, SETUP:I/F. For details on selecting the interface, see "Selecting Menu Options" earlier in this chapter. Then see "The Interface Menu" in this chapter for listings of the modes available for each interface port.

The main ways to configure a printer interface are for

- PostScript only files
- HP–GL only files
- HP PCL 5 only files
- A mix—PostScript and HP PCL 5 files

Each port is individually configured. For example, you can configure the parallel port for PostScript. Then, you could configure the serial port for HP-GL.

If you plan to send a combination of PostScript and HP PCL 5 files, you may want to set at least one of the printer interfaces to an automatic switching mode. This Automatic Interface Switching (AIS) technology works by examining the incoming data stream to determine if it is a PostScript or HP PCL 5 file and then by activating the appropriate emulation.

Automatic switching is designed to work with mainstream application packages. Occasionally, some applications do not use the customary codes at the beginning of a file, and the file may not work as expected. If this happens, use the front panel to set the printer to the appropriate emulation.

**Note:** If you are printing in either PCL 5 or HP-GL 7475A mode, see appendix A, “HP PCL and HP-GL Supported Commands,” for details on PCL syntax and commands.

◇◇◇