ADP 508MT ADP 508MT

ADP 508MT User's Guide

ADP

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ADP ®

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Introducing the 508MT Terminal

The 508MT is a high-performance, general purpose monochrome terminal that you can use to communicate with a host system. The 508MT consists of two main components: a monitor/terminal unit and a keyboard.

The terminal features a 14-inch diagonal monitor with an anti-glare screen. Connectors located on the rear of the terminal allow you to connect it to a printer and one or more host systems.

Specifications

The following table describes the hardware specifications for the 508MT.

Feature	Specification
Monitor Unit Physical Dimensions	Height: 14.93 inches Width: 12.5 inches Depth: 13.75 inches Weight: 16.5 pounds
Keyboard Physical Dimensions	Height: 1.75 inches Width: 18.8 inches Depth: 7.5 inches Weight: 3.1 pounds
CRT	14-inch, anti-glare, green
Keyboard	101-key enhanced PC
Power:	AC Input: 90-264 Vac at 47-63 Hz Consumption: 45 watts maximum
Operating Environment	Temperature: 50-104 degrees F Relative Humidity: 10-80%, non-condensing Altitude: 10,000 feet maximum

Installing the 508MT Terminal

The 508MT comes preconfigured and ready for use with ADP applications. The following topics provide information on the installation of the terminal:

- Selecting a Location
- Unpacking the Terminal
- Connecting the Cables and AC Power
- Setting Up the Terminal for Use

Selecting a Location

Use the following guidelines to help you select a location for your terminal.

- The location must be large enough for the terminal. This means a space at least 19" wide (keyboard), 14" high (display), and 23.5" deep (display and keyboard). Leave several inches of empty space in front, behind, and both sides of the terminal for ventilation.

- The terminal must be located on a flat, solid surface, such as a desk.

- Choose a location that is clean and free from excessive heat, direct sunlight, moisture and dust.

- Use a grounded outlet, one that has three conductors to match the power plug on the terminal. Do not use an adapter plug or extension cord.

- Avoid using outlets on the same circuit as other large motors, such as copiers or postage machines, desk fans, vacuum cleaners, or other appliances that create electrical interference that might disturb the terminal's power and cause distortion.

Unpacking the Terminal

Unpack and check the contents of each carton. Make sure you have all the items listed below. If any items are missing or damaged, report it immediately to ADP.

- Video Terminal
- Power cord
- 2- serial port adapters
- *ADP 508MT Terminal User's Guide*
- *ADP 508MT Quick Reference Card*
- Keyboard packed in a separate box

Save all packing materials in case you have to move or ship the terminal later. Before transporting the terminal, be sure to replace all the original packing materials.

Connecting the Cables and AC Power

Use the following steps to connect the cables, keyboard and power to the 508MT.

1. Place the terminal on a level surface.
2. Remove the back cover from the terminal by pressing firmly on the left and right sides to release the tabs and slide the cover backward away from the terminal as shown in the following figure.
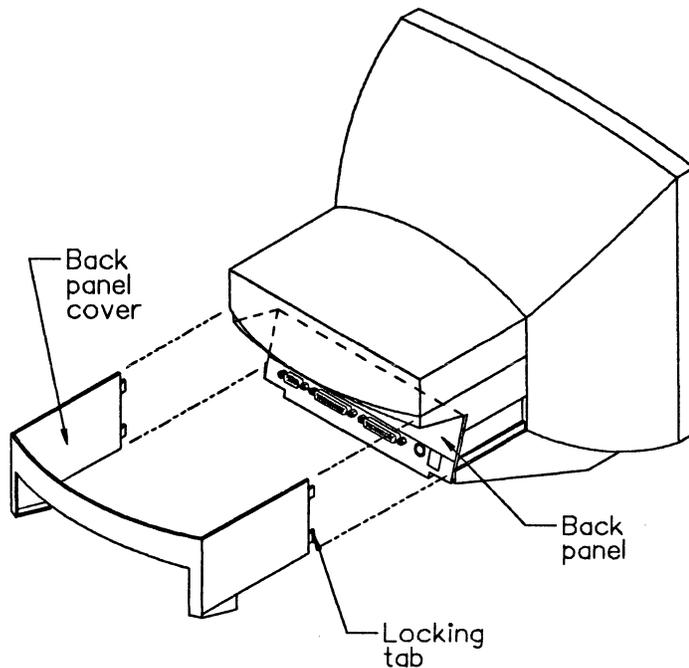
Once the back cover is removed, the power, parallel, serial, and keyboard connectors are exposed.

3. Connect the cable from the keyboard to the connector located on the rear of the terminal labeled **KEYBOARD.**

4. Connect the cable from the host computer to the 25-pin RS-232 connector back of the monitor labeled **COM1.**

5. If you are using a serial slave printer, connect the cable from the printer to the 9-pin connector on the back of the terminal labeled **COM2.**

6. If you are using a parallel printer, connect the cable from the printer to the 25-pin RS-232 connector on the back of the terminal labeled **PARALLEL.**

   Caution: Before connecting the terminal to other AC power, make sure the terminal's power switch located on the front of the terminal is in the off position.

7. Plug the power cord into the male-type connector on the back of the terminal labeled **POWER**, then plug the other end of the power cord into a suitable wall power outlet.

Setting up the Terminal for Use

After all of the communication cables and AC power are connected to the terminal, press the power button located on the front of the terminal.

The terminal performs a power up self test that causes a green power LED to flash once and the terminal to beep once. Then " ADP 508MT OK" displays.

Configuring the Host Port

The port on the host must be configured for use with the 508MT. To configure the port , you use a utility routine called Set Terminal Characteristics (TRM).

Use the following steps to configure the host port.

1. Log on to the ADP computing system using the 508MT you just installed. You can log on to the system maintenance account, MAINT, or any of your application accounts.
2. Select Utility Function (UF) from the main menu.
3. Select Set Terminal Characteristics (TRM) from the utility functions menu.
4. Select option 1, Setup and Store Terminal Characteristics.
5. At the Terminal Type Options prompt, select 1 Video Default.
6. At the Enter Terminal Type Options prompt, select the option ADP508MT. If ADP 508MT is not an option, select ADP 505MT.
7. Enter the appropriate number for the type of slave printer attached to the terminal. If no slave printer is used, select the option None.
8. At the 80 Column Display (Y/N) prompt, press **Enter**.
9. At the disable Type Ahead (Y/N) prompt, press **Enter**.

Adjusting the Contrast and Brightness

Use the two thumb knobs located on the lower left side of the monitor unit to adjust the screen contrast (star symbol) and brightness (moon symbol).

Adjusting the Tilt-Swivel Base

The terminal can be adjusted to the viewing angle you prefer. To adjust the display angle, tilt the terminal forward or backward and rotate the terminal to the desired position. Once positioned the display remains in that position.

Using the 508MT Terminal Keyboard and Indicators

The 508MT uses a standard PC 101-key keyboard that allows you to configure the terminal's operating parameters and communicate with an ADP host computer.

The keyboard has four groups of keys and three indicator lights. These keys are grouped to help you enter data accurately and easily. The keyboard also has two audible indicators, a keyclick and bell.

Some functions may vary, depending upon operating modes and software applications used.

The layout of the main keypad is similar to a typewriter keyboard, with alphanumeric characters, punctuation marks, and Shift keys. The main keypad also has a number of keys not found on a typewriter, such as the Ctrl and Alt modifier keys. Modifier keys are pressed in combination with another key to modify the code sent by that key.

The following figure shows the 508MT Keyboard.

Figure - ADP 508MT Keyboard
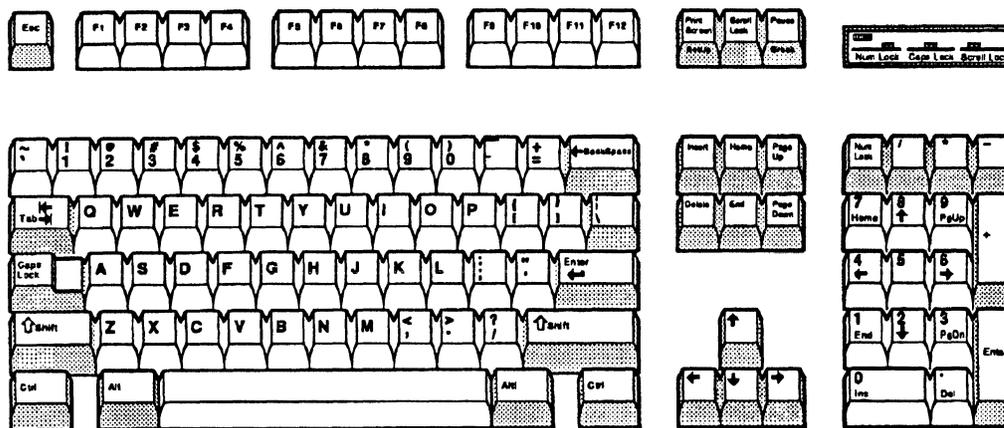
The following topics provide information about using the 508MT keyboard:

Using the Special Funtion Keys

Using the Editing Keypad

Using the Local Function Keys

Using the Numeric Keypad

Understanding the LED Indicators

Understanding the Audible Indicators

Using the Special Function Keys

The main keypad and top row have the following special function keys:

Key	Function
Esc	Escape begins a control sequence that is used by applications usually to interrupt or terminate a program or function.
Tab	Moves the cursor to the next tab stop. You can select the tab stops with the **Tab...** option in the Emulation folder. See Emulation Folder. Applications can also change tab stops.
Ctrl	Used in combination with another key to modify the signal sent to the host.
Caps Lock	Puts the keyboard in caps lock mode. In Caps Lock mode, the alphabetic keys send their uppercase character when pressed alone. You can use a Shift key to send the shifted characters on other keys. You turn Caps Lock mode on and off by pressing the **Caps Lock** key.
Shift	Holding down a **Shift** key and pressing a standard key generates the top character labeled on the key.

Enter	Moves the cursor to the beginning of the next row and sends a string of characters to the host.
Backspace	Deletes one character to the left of the cursor.
Space bar	Adds a space character. You use spaces to separate words or move the cursor forward.
Alt	Used in combination with another key to modify the signal sent to the host.

Using the Editing Keypad

The editing keypad has four arrow keys and six editing keys.

Pressing an arrow key moves the cursor in the direction indicated by the arrows. You can also move the cursor by using the numeric keypad when the Num Lock LED is off.

You can use the editing keys the following ways:

* For paging up or down

* For special functions defined by the application software

Using the Local Function Keys

The three top row function keys above the editing keypad have the following predefined functions.

Key	Function
Print Screen	Sends a page of text from the current session to the printer connected to the terminal. A page may or may not correspond to the screen display, depending on the page size and other features in the Display folder. See Display Folder.
Shift-Print Screen	Sends the entire screen of data to the printer connected to the terminal.
Ctrl-Print Screen	Turns auto print mode on or off. In auto print mode, the printer automatically prints each line of text as it displays on the terminal screen.
Alt-Print Screen	Enters or leaves the setup folders.When you enter the setup folders, the terminal displays a set of seven setup folders with the User folder highlighted. You can leave the setup folders from any setup screen.
Scroll Lock	Puts the screen display on hold. This stops the scrolling of text on the screen for easy reading. The Scroll Lock indicator turns on and Hold appears on the keyboard indicator line. Pressing **Scroll Lock** again releases the screen display and allows scrolling to resume.
Pause/Break	Interrupts and terminates transmission to the host computer. Pressing the key while in an ADP application may cause that function to stop processing and terminate.

Shift-Pause/Break	Performs a disconnect. A disconnect normally ends communication with a modem to prepare for another call.
Ctrl-Pause/Break	Sends the answerback message to the active session.
F1 - F12	There are 12 function keys, F1 through F12, that provide up to 36 functions (by adding **Shift, Ctrl,** and **Alt** keys). These keys are defined and programmed by software applications. Refer to your application software manual for specific key functions.

Using the Numeric Keypad

The calculator-style numeric keypad can be operated in three modes:

• Numeric mode with **Num Lock** on (Num Lock LED is on)

• Numeric mode with **Num Lock** off (Num Lock LED is off)

• Application mode (Num Lock LED is off)

If you are in numeric mode, the Num Lock key lets you toggle between Num Lock on and Num Lock off. The numeric mode option is available in the Keyboard setup folder.

When the numeric mode is selected and Num Lock is on, the keypad sends the numbers and symbols printed on the keys like a normal 10-key pad. If you press the Shift key in this mode, the top row of keys sends command key sequences PF1 through PF4.

When the numeric mode is selected and Num Lock is off, the keypad sends cursor movement in the direction of the arrows indicated on the keys as well as, page up and down, insert, delete, and the symbols printed on the keys. If you press the shift key in this mode, the top row of keys sends command keys sequences PF1 through PF4.

Application mode is often selected by the host system. In this mode, the keypad sends commands that are specified by the application to the host system.

Understanding the LED Indicators

Three LED indicators are located near the top, right corner of the keyboard. These indicators are labeled, Num Lock, Caps Lock, and Scroll Lock. The function of each indicator is described below.

LED Indicator	Function
Num Lock	When on, the numeric keypad enters numbers. When off, the numeric keypad operates as a cursor control.
Caps Lock	When on, alphabetic characters display in uppercase only. When off, characters display in lowercase and the Shift key is used to toggle characters to uppercase.
Scroll Lock	When on, indicates that the Scroll Lock key has been pressed and the Scroll Lock (screen lock) function keeps data from scrolling. The screen is "held" until the key is pressed again.

Understanding the Audible Indicators

The keyboard has two audible indicators, a keyclick and a bell. You can use a margin bell, warning bell, or both. You can turn the keyclick and bell off or on and set the volume of each from the User folder. See User Folder.

Introducing the 508MT Terminal Setup Folders

The 508MT set up menus display on the screen as a set of filing folders. Each folder contains a set of parameters and options specific to the folder label.

You can access any folder and change the settings from the keyboard.

Most set up features are initially set to a default that works with your ADP application. If you change settings, you can use the **Factory Default** option from the Function folder to reset the terminal to the ADP default settings. See Function Folder.

Entering and Leaving the SetUp folders

To access the setup folders, press **Alt-Print Screen**. The terminal displays the setup folders with the **User** folder highlighted. You can use the **Tab** key to move to a different folder.

To leave the setup folders, select the **Exit** option from the **Function** or **User** folders or press **Alt-Print Screen**. You can leave setup from any folder.

Selecting a Setup Folder

There are two ways to select setup folders:

* Using the **Tab** key to highlight the name of the folder.
* Press the associated hot key for the folder. The hot key translates to the first letter of the folder name and displays underlined.

Changing and Recalling Settings

To change settings, use the arrow keys to highlight the appropriate feature in a setup folder, then press **Enter**.

Features that are preceded by a small box have only two settings, **Enabled** or **Disabled**. An **X** in the box indicates the feature is currently enabled. Pressing **Enter** toggles the setting.

For other features, a submenu displays the available options. Use the arrow keys to highlight the desired setting and press **Enter**. Options that display faded are not available with the current emulation and cannot be selected.

Changes take effect when you return to the operations screen.

Saving your settings

If you make changes to current settings, you can save your changes with either the **Save All...** or the **Save Mode...** feature in the **Function Folder.** Even after you turn off the terminal, the settings are retained. The terminal automatically uses these settings each time you turn it on.

If you do not want to save the changes, use the **Restore All...** feature from the **Function** folder to restore the settings to their initial values. For more information, see the Function Folder.

Recalling default settings

If you make changes to settings, you can recall the ADP default settings with the **Factory Default** feature in the **Function** folder. For more information, see the Function Folder.

Important: Your ADP software applications can also change settings. These settings are retained even after you turn off the terminal.

Using the 508MT Terminal Setup Folders

The 508MT features and operating parameters are organized into the following setup folders:

User Folder

Emulation Folder

Display Folder

Keyboard Folder

Comms Folder

Printer Folder

Function Folder

To display the folder's contents, use the **Tab** key to highlight the folder label.

User Folder

The parameters found in the User folder control the 508MT user preference options, such as the cursor style and the background display color.

The following table describes the User folder options and associated settings.

Important: When applicable, ADP default settings are indicated by two asterisks (**).

Folder Option	Description
Banner Message...	Allows you to enter a line of text that displays on the screen after the terminal powers up. Up to 30 characters may be entered. The ADP default is: **ADP 508 OK.**
Background	Allows you to select the type of background the terminal displays on the screen. The following options are available: **Dark**** **Light**
Cursor Style	Allows you to select the how the terminal's cursor displays. The following options are available: **Blink Block**** **Blink Line** **Steady Line** **Steady Block**
Display Cursor	Allows you to control whether the terminal displays a cursor or not. The following options are available: **Enable**** **Disable** An **X** in the box preceding **Display Cursor** indicates it is currently enabled. Highlight **Display Cursor** and press **Enter** to toggle the setting.
Keyclick	Allows you to enable and disable the terminal's keyboard keyclick sound and control its volume. The following options are available: **Off**** **Low** **Medium** **High**

Key Repeat	Allows you to select whether or not the terminal continually repeats the entry of a character when a key is held down. The following options are available:
	Enable** = Enables the character repeat feature
	Disable = Disables the repeat entry feature
	An **X** in the box preceding **Key Repeat** indicates it is currently enabled. Highlight **Key Repeat** and press **Enter** to toggle the setting.
Margin Bell	Allows you to enable or disable the terminal's margin bell and control its volume. The margin bell rings when the cursor reaches the column where the bell is set which is Column 72 in an 80-column display format or column 124 in a 132-column format. The following options are available:
	Off**
	Low
	Medium
	High
Overscan	Allows you to select the intensity of the terminal's screen overscan area. The following options are available:
	Dark
	Dim
	Normal
	Bold
	Background**
Refresh Rate	Allows you to select the frequency of the terminal display's refresh rate. The following options are available:
	60Hz
	76Hz**
	Important: If the terminal is located in an area susceptible to heavy electromagnetic interference from machinery, fluorescent lighting, power supplies etc., set the refresh rate to 60Hz to prevent screen distortion.

Screen Saver	Allows you to enable or disable the terminal's screen saver and to control the duration of inactivity required to turn the screen saver feature on. The following options are available: **Off** = No screen saver **5 Minutes** = 5 minutes of inactivity turns the screen saver on **10 Minutes** = 10 minutes of inactivity turns the screen saver on **20 Minutes**** = 20 minutes of inactivity turns the screen saver on **30 Minutes** = 30 minutes of inactivity turns the screen saver on **60 Minutes** = 60 minutes of inactivity turns the screen saver on
Energy Saver	Allows you to enable or disable the terminal's Energy Saver feature and control the time duration required to invoke the Energy Saver mode. The following options are available: **Off** **1 Hour** **2 Hours**** **4 Hours**
Scroll Style	Allows you to select the terminal's line speed when scrolling data down the screen. The following options are available: **Jump**** = Host computer determines the scroll speed **Smooth-1** = One line/second **Smooth-2** = Two lines/second **Smooth-4** = Four lines/second **Smooth-8** = Eight lines/second
Setup Screen	Allows you to select the terminal's setup screen's display characteristics. The following options are available: **Normal Video**** **Reverse Video**
Screen Alignment	Allows you to vertically center the display screen with the up and down arrow keys on the keyboard

Warning Bell	Allows you to enable or disable the terminal's warning bell and control its volume. When enabled, a beep is emitted if an inactive communications port receives data from the host. The following options are available: **Off** **Low** **Medium** **High****
Save and Exit...	Allows you to save the configuration changes to memory and returns you to the operations screen.
Exit...	Allows you to exit without saving settings to memory and returns you to the operations screen.

Emulation Folder

The parameters found in the Emulation folder set the 508MT terminal emulation type and the options associated with each. Terminal emulations use either ANSI or ASCII standards. The options available in this folder are dependent on the current terminal emulation that is selected for the 508MT.

The following table describes the Emulation folder options and associated settings.

> **Important:** When applicable, ADP default settings are indicated by two asterisks (**).

Folder Option	Description
Emulation (ANSI/ASCII)	Allows you to select the type of terminal emulation used by the 508MT. A checkmark precedes the emulation currently in use. The following options are available: **508MT/505MT (ANSI)**** **VT420 PCTerm (ANSI)** **VT320 (ANSI)** **VT220 (ANSI)** **VT100 (ANSI)** **VT52 (ANSI)** **Wyse 60 (ASCII)** **Wyse 50+(ASCII)** **PCTerm (ASCII)** **TVI955 (ASCII)** **TVI950 (ASCII)** **TVI925 (ASCII)** **TVI910+(ASCII)** **ADDS A2 (ASCII)** **ADDS VP60 (ASCII)** **SCO Console.(ASCII)** **Important:** When an emulation is selected, its associated parameter defaults are also invoked.

Monitor Mode (ANSI/ASCII)	Allows you to enable or disable the terminal's monitor mode feature. The Monitor Mode feature displays the data on the screen as it is sent to and from the host. The following options are available: **Enable** **Disable**** An **X** in the box preceding **Monitor Mode** indicates it is currently enabled. Highlight **Monitor Mode** and press **Enter** to toggle the setting.
Tabs... (ANSI/ASCII)	Allows you to set the terminal's tab settings. Highlight the **Tabs...** option, then press **Enter** and the Tabs window displays. To set a tab, move the cursor to the appropriate column and press **Enter**. A **T** displays to indicate a tab stop.
7/8 Bit controls (ANSI)	Allows you to select whether the terminal uses 7 or 8-bit control codes when the VT220 or VT100 terminal emulation is selected. The following options are available: **7-bit**** = Recognizes C0 command sequences **8-bit** = Recognizes both C0 and C1 command sequences
ANSI ID (ANSI)	Allows you to select how the terminal identifies itself when responding to a host request. The ANSI ID parameter is only necessary when you use one of the DEC emulations. The following options are available: **VT100** **VT101** **VT102** **VT220** **VT320** **508MT/505MT****
Feature Lock (ANSI)	Allows you to enable or disable the terminal's Feature Lock option. The following options are available: **Enable** = Does not allow the host to modify terminal features **Disable**** = Allows the host application to modify terminal features An **X** in the box preceding **Feature Lock** indicates it is currently enabled. Highlight **Feature Lock** and press **Enter** to toggle the setting.
Transfer Term (ANSI)	Allows you to select when the terminal transmits data blocks to the host. The following options are available: **Cursor**** = Transmits at the end of the cursor's position **EOS** = Transmits at the end of the page or line

Auto Answerback (ANSI)	Allows you to enable or disable the terminal's Auto Answerback feature. If enabled, the terminal sends and answerback message to the host when a session opens. The following options are available: **Enable** **Disable**** An **X** in the box preceding **Auto Answerback** indicates it is currently enabled. Highlight **Auto Answerback** and press **Enter** to toggle the setting.
Answerback... (ANSI/ASCII)	Allows you to enter the text for the terminal's answerback message. Up to 30 characters may be entered.
Enhancement (ASCII)	Allows you to enable or disable the terminal's ability to recognize enhanced code sets from host applications. The following options are available: **Enable** **Disable** An **X** in the box preceding **Enhancement** indicates it is currently enabled. Highlight **Enhancement** and press **Enter** to toggle the setting.
Block End (ASCII)	Allows you to select the type of line and block terminator character the terminal sends to the host. The following options are available: **US/CR** = Sends a carriage return character **CRLF/ETX** = Sends a carriage return and line feed character **Important:** US/CR sends an ASCII US line and CR block terminator. CRLF/ETX sends an ASCII CR and LF line and ETX block terminator.
Send ACK (ASCII)	Allows you to select whether or not the terminal displays an acknowledgment after commands execute while printing, configuring communication ports, loading character sets, etc. The following options are available: **Enable** **Disable** An **X** in the box preceding **Send ACK** indicates it is currently enabled. Highlight **Send ACK** and press **Enter** to toggle the setting.

Page Edit (ASCII)	Allows you to enable or disable the terminal's text wrap around feature. The following options are available: **Enable** = Text wraps from the end of each line to the next line automatically **Disable** = Text only moves forward or backward on the current line. An **X** in the box preceding **Page Edit** indicates it is currently enabled. Highlight **Page Edit** and press **Enter** to toggle the setting.
Wprt Intensity (ASCII)	Allows you to set the terminal's screen intensity for write-protected characters. The following options are available: **Dim** **Normal** **Blank/Dim** **Blank**
Wprt Reverse (ASCII)	Allows you to enable or disable the terminal's reverse video display of write-protected characters. The following options are available: **Enable** **Disable** An **X** in the box preceding **Wprt Reverse** indicates it is currently enabled. Highlight **Wprt Reverse** and press **Enter** to toggle the setting.
Wprt Underline (ASCII)	Allows you to enable or disable the terminal's underline display of write-protected characters. The following options are available: **Enable** **Disable** An **X** in the box preceding **Wprt Underline** indicates it is currently enabled. Highlight **Wprt Underline** and press **Enter** to toggle the setting.
Wprt Blink (ASCII)	Allows you to enable or disable the terminal's blinking display of write-protected characters. The following options are available: **Enable** **Disable** An **X** in the box preceding **Wprt Blink** indicates it is currently enabled. Highlight **Wprt Blink** and press **Enter** to toggle the setting.

TVI Page-Flip (ASCII)	Allows you to enable or disable a feature that allows TVI terminals to display the next page after a page-print operation is executed. This option is used for TeleVideo emulations only. The following options are available: **Enable** **Disable** An **X** in the box preceding **TVI Page-Flip** indicates it is currently enabled. Highlight **TVI Page-Flip** and press **Enter** to toggle the setting.
Answerback Mode (ASCII)	Allows you to enable or disable the feature that allows the terminal to send an answerback message to the host in response to an ASCII ENQ character. The following options are available: **Enable** **Disable** An **X** in the box preceding **Answerback Mode** indicates it is currently enabled. Highlight **Answerback Mode** and press **Enter** to toggle the setting. **Important:** An answerback message is sent to the host in response to the ENQ. Enabling or disabling this parameter sends the host a message when the terminal is powered on or after a communications disconnect.

Display Folder

The parameters found in the Display folder set the 508MT terminal display characteristics. The options available in this folder are dependent on the current terminal emulation that is selected for the 508MT.

The following table describes the Display folder options and associated settings.

Important: When applicable, ADP default settings are indicated by two asterisks (******).

Folder Option	Description
Auto Wrap (ANSI\ASCII)	Allows you to enable or disable the terminal's auto wrap feature. The following options are available: **Enable**** = Automatically moves the cursor to the start of the next line **Disable** = Overwrites characters when it reaches the end of the line An **X** in the box preceding **Auto Wrap** indicates it is currently enabled. Highlight **Auto Wrap** and press **Enter** to toggle the setting.

Columns (ANSI\ASCII)	Determines the number of columns the terminal displays on the screen. The following options are available: **80**** **132** **ECON-80**
80/132 Change Clear (ANSI\ASCII)	Allows you to enable or disable the terminal's screen clear feature. The following options are available: **Enable** = Clears the screen when the Columns option is changed **Disable**** = Leaves the current screen intact An **X** in the box preceding **80/132 Change Clear** indicates it is currently enabled. Highlight **80/132 Change Clear** and press **Enter** to toggle the setting.
TUV-GS font (ANSI/ASCII)	Allows you to enable or disable the terminal's TUV-GS font display requirement of 25-lines/76Hz. The following options are available: **Enable** **Disable**** An **X** in the box preceding **TUV-GS font** indicates it is currently enabled. Highlight **TUV-GS font** and press **Enter** to toggle the setting.
Pound Character (ANSI/ASCII)	Allows you to select the type of pound character the terminal uses. The following options are available: **US**** = United States pound (#) **UK** = United Kingdom pound (œ)

Character Set (ANSI/ASCII)	Allows you to select the type of character set the terminal uses. The following options are available: **DEC Multinational**** **ISO-1** **ISO-2** **ISO-50** **ISO -Cyrillic** **PC International (437) (ASCII default)** **PC Multilinqual (850)** **PC Spanish (220)** **PC Portuguese (860)** **PC Danish/Norwegian (865)** **PC French/Canadian (863)** **PC Slavic (852)** **PC Cyrillic (866)** **PC Turkish (857)** **TVI Multinational**
Lines/Screen (ANSI/ASCII)	Allows you to select the number of lines per screen the terminal displays. The options vary depending on the current terminal emulation. The following options are available: **ANSI Options:** **24/25**** lines/screen **36** lines/screen **48** lines/screen **ASCII Options:** **24** lines/screen **25** lines/screen **42** lines/screen **43** lines/screen

Lines/Pages (ANSI/ASCII)	Allows you to select the memory page length for the terminal. The options vary depending on the current terminal emulation. The following options are available:
	ANSI Options:
	24x2** = Stores 24 lines per page
	25x2 = Stores 25 lines per page
	36x1 = Stores 36 lines per page
	48x1 = Stores 48 lines per page
	ASCII Options:
	1x Lines = Stores the number of data lines displayed
	2x Lines = Stores two times the number of data lines displayed
	4x Lines = Stores four times the number of data lines displayed
Status Line (ANSI/ASCII)	Allows you to enable or disable the terminal's operations screen status line and select its format. The options vary depending on the current terminal emulation. The following options are available:
	ANSI Options:
	On** = Enables the status line with cursor position and column indicators
	Off = Disables the status line
	Host Writable = Displays a status line provided by the host application
	ASCII Options:
	Standard = Enables status line with cursor line and column indicators
	Extended = Enables a status line displaying current editing information
	Off = Disables the status line
New Line (ANSI)	Allows you to enable or disable the New Line feature. The following options are available:
	Enable
	Disable**
	An **X** in the box preceding **New Line** indicates it is currently enabled. Highlight **New Line** and press **Enter** to toggle the setting.

Attribute (ASCII)	Allows you to select the terminal's display attributes for characters, lines, or pages. The following options are available: **Character** = Assigns attributes to each character as it is entered **Line** = Assigns attributes to the end of a line **Page** = Assigns attributes to the end of a page **No Space-Page** (TVI only) **Space-Page** (TVI only) **No Space-Line** (TVI only) **Space Line** (TVI only)
Auto Scroll (ASCII)	Allows you to enable or disable the terminal's Auto Scroll feature. The following options are available: **Enable** = Cursor scrolls automatically when it reaches the last line on a page **Disable** = Disables the Auto Scroll feature An **X** in the box preceding **Auto Scroll** indicates it is currently enabled. Highlight **Auto Scroll** and press **Enter** to toggle the setting.
Auto Page (ASCII)	Allows you to enable or disable the terminal's Auto Page feature. The following options are available: **Enable** = Allows the display to page up or down when it reaches the top or bottom of a page **Disable** = Disables the Auto Page feature An **X** in the box preceding **Auto Page** indicates it is currently enabled. Highlight **Auto Page** and press **Enter** to toggle the setting.
Auto Font Load (ASCII)	Allows you to enable or disable the terminal's Auto Font Load feature. The following options are available: **Enable** = Loads the new font when the terminal emulation changes **Disable** = Maintains the current font until the terminal is powered down An **X** in the box preceding **Auto Font Load** indicates it is currently enabled. Highlight **Auto Font Load** and press **Enter** to toggle the setting.
National Mode (ANSI/ASCII)	Allows you to enable or disable the terminal's national character replacement character sets. The following options are available: **Enable** **Disable**** An **X** in the box preceding **National Mode** indicates it is currently enabled. Highlight **Auto Font Load** and press **Enter** to toggle the setting.

Received CR (ASCII)	Allows you to select where the terminal positions the cursor when an ASCII carriage return (CR) character is received. The following options are available: **CR** = Moves the cursor to the beginning of the current line **CRLF** = Moves the cursor to the beginning of the next line
Recognize DEL (ASCII)	Allows you to enable or disable the terminal's **Recognize DEL** feature. The following options are available: **Enable** = Recognizes DEL as a backspace that deletes the character to the left of the cursor **Disable** = Ignores the DEL character An **X** in the box preceding **Recognize DEL** indicates it is currently enabled. Highlight **Recognize DEL** and press **Enter** to toggle the setting.
Vertical Coupling (ANSI)	Allows you to enable or disable the terminal's Vertical Coupling feature. If enabled, the Vertical Coupling feature provides auto-panning when the cursor moves beyond the top and bottom boundries of the screen. The following options are available: **Enable**** **Disable** An **X** in the box preceding **Vertical Coupling** indicates it is currently enabled. Highlight **Vertical Coupling** and press **Enter** to toggle the setting.
Page Coupling (ANSI)	Allows you to enable or disable the terminal's Page Coupling feature. The following options are available: **Enable**** = Cursor displays on a new page **Disable** = Cursor and new page do not display An **X** in the box preceding **Page Coupling** indicates it is currently enabled. Highlight **Page Coupling** and press **Enter** to toggle the setting.
Auto Resize Screen (ANSI)	Allows you to select whether the terminal's lines-per-screen format remains fixed or adjusts automatically. The following options are available: **Enable** = Lines/Screen parameter automatically adjusts **Disable**** = Lines/Screen setting remains fixed An **X** in the box preceding **Auto Resize Screen** indicates it is currently enabled. Highlight **Auto Resize Screen** and press **Enter** to toggle the setting.

Keyboard Folder

The parameters found in the Keyboard folder set the 508MT keyboard characteristics. The options available in this folder are dependent on the current terminal emulation that is selected for the 508MT.

The following table describes the keyboard folder options and associated settings.

Important: When applicable, ADP default settings are indicated by two asterisks (**).

Folder Option	Description
Define Keys... (ANSI/ASCII)	Displays a key definition window that allows you to reprogram various keys and key sequences for the terminal.
Backspace (ANSI/ASCII)	Allows you to select how the terminal sends delete (DEL) and backspace (BS) when the backspace key is pressed. The following options are available: DEL/BS** = Allows the backspace key to send a backspace character (BS) and the shifted key to send a delete character (DEL). BS/DEL = Allows the backspace key to send a delete character (DEL) and the shifted key to send a backspace character (BS) Important: This parameter is used only with the EPC and ASCII keyboards.
Key Lock (ANSI/ASCII)	Allows you to select how the terminal's **Caps Lock** key functions. The following options are available: Caps** = Alphabet keys generate uppercase characters Reverse = Reverses the Shift key's function Shift = All keys generate the shifted characters only

Language (ANSI /ASCII)	Allows you to select the terminal's keyboard language. The following options are available:
	Belgian
	Czech
	Danish
	Dutch
	Finnish
	Flemish
	French
	French/Belgian
	French Belgian
	French Canadian
	German
	Hungarian
	Italian
	Latin American
	Norwegian
	Polish
	Portuguese
	Romanian
	Russian
	SCS
	Slovak
	Spanish
	Swedish
	Swedish/Finnish
	Swiss (French)
	Swiss (German)
	Swiss (FR/GER)
	UK
	US**

Key Code (ANSI/ASCII)	Allows you to select what key codes the terminal uses when keys are pressed. The following options are available: **ASCII**** = Uses the standard ASCII key codes **Scan** = Uses the PC scan codes
WordPerfect KBD (ANSI/ASCII)	Allows you to enable or disable the terminal's WordPerfect keyboard command codes. The WordPerfect keyboard command codes can be used when running the WordPerfect application from the host. The following options are available: **Enable** **Disable**** An **X** in the box preceding **WordPerfect KBD** indicates it is currently enabled. Highlight **WordPerfect KBD** and press **Enter** to toggle the setting.
Left Alt Key (ASCII)	Allows you to select the function of the terminal's left **Alt** key when used with an EPC keyboard. The following options are available: **Funct** = Programs the left Alt key to send the key's ASCII code, an ASCII SOH character, and an ASCII carriage return.when simultaneously pressed with an appropriate alphanumeric key **Hold** = Programs the left Alt key to freeze the current data on the screen until the left Alt key is pressed again **Meta** = Programs the left Alt key to send the key's code with the high bit set when simultaneously pressed with an alphanumeric key **Compose** = Programs the left Alt key to compose a nonstandard character when simultaneously pressed with an alphanumeric key
Compose Key (ASCII)	Allows you to select the function of the terminal's Compose key when used with an ANSI keyboard. The following options are available: **Funct** = Programs the Compose key to send the key's ASCII code, an ASCII SOH character, and an ASCII carriage return.when simultaneously pressed with an appropriate alphanumeric key **Hold** = Programs the left Compose key to freeze the current data on the screen until the Compose key is pressed again **Meta** = Programs the left Compose key to send the key's code with the high bit set when simultaneously pressed with an alphanumeric key **Compose** = Programs the Compose key to compose a nonstandard character when simultaneously pressed with an alphanumeric key

FUNCT (ASCII)	Allows you to select the function of the terminal's FUNCT key when used with an ASCII keyboard. The following options are available: **Funct** = Programs the FUNCT key to send the key's ASCII code, an ASCII SOH character, and an ASCII carriage return.when simultaneously pressed with an appropriate alphanumeric key **Hold** = Programs the left FUNCT key to freeze the current data on the screen until the Compose key is pressed again· **Meta** = Programs the left FUNCT key to send the key's code with the high bit set when simultaneously pressed with an alphanumeric key **Compose** = Programs the FUNCT key to compose a nonstandard character when simultaneously pressed with an alphanumeric key
Keyboard Mode (ANSI)	Allows you to select whether the terminal keyboard sends normal characters or reports key positions. The following options are available: **Character**** = Sets the keyboard to send ANSI/ISO character key encoding **Position** = Sets the keyboard to send control strings that indicate the position of the key that's pressed
Cursor Keys (ANSI)	Allows you to select whether the terminal's arrow keys send ANSI cursor control sequences or are used for application specific control functions. The following options are available: **Normal**** = Enables the arrow keys to send standard ANSI control sequences **Application** = Enables the arrow keys to send application-specific control functions **Important:** The Cursor Keys parameters cannot be saved to permanent memory.
KeyPad (ANSI)	Allows you to select the type of characters the terminal sends from the numeric keypad. The following options are available: **Numeric**** = Sends the characters shown on the numeric keypad **Application** = Sends control sequences used by the host application when a numeric keypad key is pressed
Fkey Lock (ANSI)	Allows you to select whether or not the host assigns application-specific values to the terminal's function keys. The following options are available: **Enable** **Disable**** An **X** in the box preceding **Fkey Lock** indicates it is currently enabled. Highlight **Fkey Lock** and press **Enter** to toggle the setting.

Comms Folder

The options contained in the Comms folder set the 508MT communications parameters. The options available in this folder are dependent on the current terminal emulation that is selected for the 508MT.

The following table describes the Comms folder options and associated settings.

> **Important:** When applicable, ADP default settings are indicated by two asterisks (**).

Folder Option	Description
Sessions/Ports (ANSI/ASCII)	Allows you to select the host session and port configurations for the 508MT. The following options are available: **S1=Com1**** **S2=Com2**
Com1 Port (ANSI/ASCII)	Allows you to select the communication parameters used by COM1. COM1 can only be selected if it is enabled with the **Sessions/Ports** option. The ADP default settings are listed for each option. The following options are available: **Baud Rate = 9600**** **Data Bits = 8**** **Parity = None**** **Stop Bits = 1**** **Receive Hdshake = XON-XOFF/XPC**** **Transmit Hdshake = XON_XOFF/XPC**** **Receive Level = 75%**** **Parity Check = Disabled**** **RS422 Option = Disabled**** **Interface = RS232****

COM2 Port (ANSI/ASCII)	Allows you to select the communication parameters used by COM2. COM2 can only be selected if it is enabled with the **Sessions/Ports** option. The ADP default settings are listed for each option. The following options are available: **Baud Rate** = 9600** **Data Bits** = 8** **Parity** = None** **Stop Bits** = 1** **Receive Hdshake** = XON-XOFF/XPC** **Transmit Hdshake** = XON_XOFF/XPC** **Receive Level** = 75%** **Parity Check** = Disabled**
Local Mode (ANSI/ASCII)	Allows you to select whether or not characters entered from the keyboard display on the screen. The following options are available: **Enable** = Characters display on the screen **Disable**** = Characters are sent to the host An **X** in the box preceding **Local Mode** indicates it is currently enabled. Highlight **Local Mode** and press **Enter** to toggle the setting.
Transmit Limit (ANSI/ASCII)	Allows you to select the data rate for the host port (COM1 or COM2). The following options are available: **None** = Sends data as fast as the terminal's baud rate allows **30 cps** = Sends data at 30 characters per second **60 cps** = Sends data at 60 characters per second **150 cps**** = Sends data at 150 characters per second
Fkey Transmit Limit (ANSI/ASCII)	Allows you to select the rate the terminal sends function key definitions to the host. The following options are available: **None** = Sends definitions as fast as the terminal's baud rate allows **30 cps** = Sends definitions at 30 characters per second **60 cps** = Sends definitions at 60 characters per second **150 cps**** = Sends definitions at 150 characters per second

Break Signal (ANSI/ASCII)	Allows you to select how the terminal responds to a break signal sent from the keyboard. The following options are available: **170 msec** = Sends a 170 millisecond break signal **250 msec** = Sends a 250 millisecond break signal **500 msec**** = Sends a 500 millisecond break signal **Off** = Disable
Ignore 8th Bit (ANSI/ASCII)	Allows you to select the number of data bits the terminal receives. The following options are available: **Enable** = Receives bits 0 through 6 **Disable**** = Receives bits 0 through 7 An **X** in the box preceding **Ignore 8th Bit** indicates it is currently enabled. Highlight **Ignore 8th Bit** and press **Enter** to toggle the setting.
Ignore Null Character (ANSI)	Allows you to select whether the terminal ignores the null character or not. The following options are available: **Enable**** = Ignores the null character **Disable** = Acknowledges the null character An **X** in the box preceding **Ignore Null Character** indicates it is currently enabled. Highlight **Ignore Null Character** and press **Enter** to toggle the setting.
Local Echo (ANSI)	Allows you to select whether or not characters entered from the keyboard display on the screen. The following option is available: **Enable** = Characters display on the screen **Disable**** = Characters are sent to the host An **X** in the box preceding **Local Echo** indicates it is currently enabled. Highlight **Local Echo** and press **Enter** to toggle the setting.
Modem Control (ANSI)	Allows you to enable or disable the terminal's Modem Control feature. The following options are available: **Enable** = Enables modem signals in addition to data leads **Disable**** = Acknowledges data leads only An **X** in the box preceding **Modem Control** indicates it is currently enabled. Highlight **Modem Control** and press **Enter** to toggle the setting.

Disconnect (ANSI)	Allows you to set the time period the terminal waits before disconnecting communications when a signal is no longer detected. The following options are available: **2 sec**** = Selects a two second delay **60 msec** = Selects a 60 millisecond delay
Send Data (ANSI)	Allows you to select how the terminal sends data to the host during a block transmission. The following options are available: **All**** = Sends erasable and nonerasable data **Erasable** = Sends only erasable data
Send Area (ANSI)	Allows you to select how the terminal sends data to the host during a send page operation. The following options are available: **Page**** = Sends an entire page of data **Scroll Region** = Sends data from a defined scrolling region
Send Term (ANSI)	Allows you to select whether the terminal sends a terminator or form feed (FF) character at the end of a page. The following options are available: **None**** = No character is sent **Form Feed** = Sends a form feed character
Comm Mode (ASCII)	Allows you to select the terminal host port's (COM1 or COM2) communications mode. The following options are available: **Full Duplex** **Block** **Half Duplex** **Half Block**

Printer Folder

The Printer folder contains the parameter options that control the 508MT communications ports, COM1 and COM2.

The following table describes the Printer folder options and associated settings.

Important: When applicable, ADP default settings are indicated by two asterisks (**).

Folder Option	Description
Print Mode (ANSI/ASCII)	Allows you to select how the terminal sends data to the printer. The following options are available: **Normal**** = Sends data in response to a print page or print line command from the keyboard or the host **Auto** = Displays data received from the host (copy print) **Ctrl** = Allows data from the printer port to bypass the terminal and be sent directly to the host **Bidir** = Allows bi-directional use of the parallel printer port **Sec-Rcv** = Allows data received by the printer port to be redirected to the terminal display
Printer Port (ANSI/ASCII)	Allows you select the communications port used by the printer. The following options are available: **Parallel** = Enables the parallel port **Serial**** = Enables COM1 or COM2 whichever is available. Refer to the Session/Ports vbvbbbboption setting in the Comms folder.

Com1 Port (ANSI/ASCII)	Allows you to select the communication parameters used by COM1. This option can only be selected if the COM1 port is available. Refer to the **Sessions/Ports** option setting in the Comms folder. The ADP default settings are listed for each option. The following options are available: **Baud Rate = 9600**** **Data Bits = 8**** **Parity = None**** **Stop Bits = 1**** **Receive Hdshake = XON-XOFF/XPC**** **Transmit Hdshake = XON_XOFF/XPC**** **Receive Level = 75%**** **Parity Check = Disabled**** **RS422 Option = Disabled**** **Interface = RS232****
Com2 Port (ANSI/ASCII)	Allows you to select the communication parameters used by COM2. This option can only be selected if the COM2 port is available. Refer to the Session/Ports option setting in the Comms folder. The ADP default settings are listed for each option. The following options are available: **Baud Rate = 9600**** **Data Bits = 8**** **Parity = None**** **Stop Bits = 1**** **Receive Hdshake = XON-XOFF/XPC**** **Transmit Hdshake = XON_XOFF/XPC**** **Receive Level = 75%**** **Parity Check = Disabled****
Print Data (ANSI)	Allows you to select how the terminal prints data during a block transmission. The following options are available: **Multinational**** Prints multinational characters **National =** Prints national characters **Line Drawing =** Prints line drawing characters

Print Area (ANSI)	Allows you to select how the terminal sends data to the printer port. The following options are available: **Page**** = Sends a page of data **Scroll Region** = Sends a defined scrolling region
Print Term (ANSI)	Allows you to select the type of terminator character that is placed at the end of the page during printing. The following options are available: **None**** = Sends no terminator **Form Feed** = Sends a form feed character

Function Folder

The Function folder contains the options for saving and restoring terminal settings and clearing communications and display buffers.

The following table describes the Function folder options and associated settings.

> **Important:** When applicable, ADP default settings are indicated by two asterisks (******).

Folder Option	Description
Exit...	Allows you to exit without saving settings to memory and returns you to the operations screen.
Save All	Allows you to save the current configuration, including function key definitions, tabs, and answerback message.
Save Modes	Allows you to save your current parameter selections with the exception of the function key definitions, tabs, and answerback message.
Restore All	Allows you to restore the terminal's configuration to the previously saved parameter selections.
Factory Default	Allows you to reset the terminal to its original ADP default settings.
Clear Communication	Allows you to clear the terminal's communications buffers when you exit the configuration folders. The Clear Communication option does not affect online and local operations. When selected, the Clear Communications option performs the following actions: --Clears the keyboard buffers --Sends an XON to the host --Stops all printing operations --Stops processing escape and control sequences, and control and character strings

Clear Display	Allows you to clear the screen when you exit the configuration folders.
Define Password...	Allows you to define a password. Up to eight characters may be entered. To clear the password, select the Cancel option and press **Enter**.

Maintaining the 508MT Terminal

The 508MT terminal is designed to require very little maintenance. The 508MT only requires you to occasionally clean the outside surfaces of the equipment and to ensure that the temperature, humidity, and cleanliness of the equipment's environment remain within reasonable guidelines. With regular care, your terminal provides you with years of reliable and trouble-free performance.

The following guidelines will help to ensure that the equipment is used as intended and that it performs at levels to which it was designed.

- Leave the power to your terminal on. There is no need to turn the power off.

- Do not remove the cabinet cover. It should remain in place at all times.

- Prohibit food and beverages in the immediate area of computer equipment. Significant damage can result from spilled liquids and food particles.

- Regularly vacuum around terminal, but don't plug the vacuum cleaner into the same outlet as the computer or terminals. Vacuum cleaner motors create excessive electrical noise for computer equipment.

- Use a lint-free cloth to clean external surfaces of dirt. Do not use alcohol. Where buildup is excessive, use a mild soap solution.

- Use a good, commercial glass-cleaner to clean the terminal's glass screen if it becomes dirty. Spray the cleaner on a lint-free cloth, then clean screen. Do not spray cleaner directly on the screen. Do not use so much that it runs down under the bezel surrounding the screen.

- Make sure that no objects are placed on the equipment that could fall into it and cause malfunctions.

- Prohibit smoking near terminal and computer equipment.

- Do not use the terminal if it shows an error or fault condition.

- Make sure that all terminals are is placed on sturdy flat surface.

- Make sure there are several inches of empty space on all sides of the terminal for ventilation. The vents on the terminal should remain unobstructed. Adequate ventilation prevents the terminal from overheating. Do not place anything on top of the terminal. This also restricts air circulation.

- Do not place sources of high magnetism close to the terminal, such as electric motors, generators, alternators, etc.

Troubleshooting the 508MT Terminal

The 508MT Terminal is designed for trouble-free operation. If problems occur, ADP performs most diagnostic processes over the telephone, so the time you spend troubleshooting should be minimal.

The following topics are included for your reference:

Common Problems and Suggested Solutions

Error Codes

Common Problems and Suggested Solutions

If the terminal fails the power-up self-test, the terminal may display an error code. See Error Codes.

The following table lists some possible operating problems and their suggested solutions. Check this list before calling for service.

Problem	Suggested Solution
Blank Screen	Make sure the 508MT power cord is plugged into the wall outlet and the back of the terminal.
	Use another electrical appliance to verify the the outlet is working.
	Verify the power switch on the front of the monitor is on.
	Press the **Shift** key. The terminal has a screen saver feature that blanks the screen after 20 minutes of inactivity. After you press the shift key, wait a few moments for the display to warm up.
	Make sure the brightness and contrast controls are adjusted correctly.
No response from the computer	Verify the host cables are connected securely to the terminal.
	Press **Alt-Print Screen** to display the seup folders and select the **Clear communication** option from the Function folder. See Function Folder.
	Select the **Factory Default** option from the Function folder.
Display is off center vertically	Align the text by using the **Screen Alignment** feature in the User folder. See User Folder.

The printer does not print	Make sure the printer is plugged in and its power switch is on. Make sure the cable connection between the printer and 508MT is secure.
	Make sure the printer port is enabled in the Printer folder. If the setting is correct, Printer: Ready should appear on the status line at the bottom of the screen. See the Printer Folder.
	Make sure all communication settings on the terminal and printer (such as transmit rate, receive rate, and parity) match.
Data on the screen does not scroll and/or the Hold indicator is on	Press the **SetUp/Scroll lock** key to resume scrolling.
Display is jumpy, shakey, or appears wavy	Relocate terminal away from electro-magnetic interference or select 60hz refresh rate from the User folder options and save settings.
No response from the keyboard	Verify the keyboard is connected securely to the terminal.
	Use another keyboard to verify if it's a keyboard problem.
	Cycle the terminal and slave printer power to reset the terminal's settings.
	Clear the terminal by using the **Clear Communication** option in the Function folder. See Function Folder.
Displays unintelligible text	Verify the terminal's baud rate matches the host port baud rate.
The host system's software does not recognize the 508MT terminal type	Verify the setting of the **ANSI ID** feature in the Emulation folder. See Emulation Folder.

Error Codes

If the terminal detects an error when powered on or during normal operations, an error code appears in the lower right corner of the screen. If possible, record the error code. Use the Scroll Lock key to stop the screen until you have recorded the message. If you have a slave printer attached to the terminal, press **Print Screen** to capture the contents of the screen on paper. This information may be useful if you need to call ADP for service.

The following table lists the error code descriptions. Only qualified service personnel should try to correct these problems.

Error Code	Error Description
P	ROM
0	Character RAM
1	Attribute RAM
2	Font RAM
K	NVM RAM
A	COM1 RTS to CTS
B	COM1 DTR to DCD
C	COM1 DTR to DSR
X	COM1 (RS232) Transmit Data to Receive Data
D	COM2 RTS to CTS
E	COM2 DTR to DSR
F	COM2 DTR to DCD
Y	COM2 Transmit Data to Receive Data
a	PARALLEL-ACK
b	PARALLEL-BUSY
c	PARALLEL-PRINTER ERROR
d	PARALLEL-ERROR

Troubleshooting

The 508MT terminal was designed for trouble free operation. If problems occur, the following table lists some common problems and their suggested solutions.

| Problem	Suggested Solution
Blank screen	• Make sure the 508MT power cord is plugged into the wall outlet and the back of the terminal. • Use another electrical appliance to verify the electrical outlet is working. • Verify the power switch on the front of the monitor unit is on. • Press the **Shift** key. The terminal has a screen saver feature that blanks the screen after 20 minutes of inactivity. After you press the Shift key, wait a few moments for the display to warm up. • Make sure the brightness and contrast controls are adjusted correctly.
No response from the keyboard	• Verify the keyboard is connected securely to the monitor unit. • Use another keyboard to verify if it's a keyboard problem. • Cycle the terminal and slave printer power to reset the terminal's settings.
No response from the computer	• Verify the host cables are connected securely to the terminal. • Press **Alt-Print Screen** to display the setup folders and select the **Clear Communication** option from the Function folder. • Select the **Factory Default** option from the Function folder. • Cycle the terminal's power.
Displays unintelligible text	Verify the terminal's baud rate matches the host port baud rate.

If a problem still exists, call your ADP Client Relations Representative.

508MT Terminal
Quick Reference Card

Installation

1. Remove the back panel cover from the rear of the monitor unit.

   The cover is held in place with plastic latches and tabs inside the terminal unit. Press firmly on the left and right sides to release tabs and slide the cover away from the terminal.

2. Once the back cover is removed, the printer, keyboard, power and host computer connectors will be exposed. Connect the device cables as shown in the following figure.
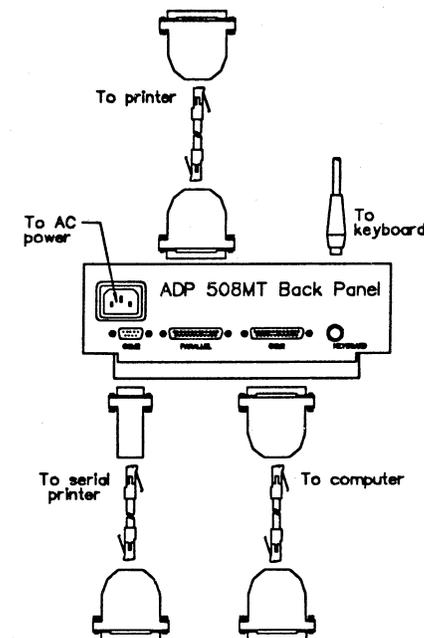
3. After all of the cables are connected to the terminal, press the power button located on the front of the terminal. The terminal performs a power up self test that causes the green power LED to flash once and the terminal to beep once, then **ADP 508MT OK** displays.

Setup

Configuring the Host Port

The port on the host computer must be configured for use with the 508MT. To configure the port, you use a utility routine called Set Terminal Characteristics (TRM).

Use the following steps to configure the host port using TRM.

Step	Action
1	Log on to the ADP computing system using the 508MT you just installed. You can log on to the system maintenance account, MAINT, or any of your application accounts.
2	Select **Utility Function (UF)** from the Main Menu.
3	Select **Set Terminal Characteristics (TRM)** from the Utility Functions menu.
4	Select **Setup and Store Terminal Characteristics.**
5	At the Enter Terminal Type Options prompt, select **ADP508MT**. If ADP 508MT is not an option, select ADP 505MT.
6	Enter the appropriate number for the type of slave printer attached to the terminal. If no slave printer is used, select the option **None**.
7	At the 80 Column Display (Y/N) prompt, press **Enter.**
8	At the disable Type Ahead (Y/N) prompt, press **Enter.**

Maintenance

Once the 508MT is installed, use the following guidelines to ensure your terminal provides years of reliable and trouble-free operation.

* Leave the power to your terminal on. The 508MT has power saver and screen saver features, so there is no need to turn the terminal off.

* Be sure to leave adequate ventilation on all sides of the terminal. Air circulation keeps the terminal from overheating.

* Do not place sources of high magnetic fields close to terminal. This includes electric motors, power supplies, copier machines, fluorescent lighting, etc.

Setup

Using Setup Folders

The 508MT configuration settings are accessed through a feature called Setup Folders. The setup folders allow you to customize your terminal to suit your personal preferences and work environment with settings for such features as display characteristics, cursor style, and key definitions. The setup folders allow you to change the settings and save them for the next time you turn on your terminal.

To...	Do this...
Display setup folders	Press **Alt-Print Screen**
Select a folder	Press **Tab**
Navigate in setup folders	Use the arrow keys
Select an option or setting	Highlight it and press **Enter**
Save settings	Select **Save All** from the Function folder
Exit setup folders	Press **ALT-Print Screen** or select **Exit** from the User or Function folder

Keyboard

Using the Function Keys

The 508MT keyboard has several special function keys most of which are controlled by your software application. The following table lists the function keys you can use to perform basic functions such as printing the screen.

Use this key...	To...
Print Screen	Print the current screen
Scroll Lock	Pause the screen. To resume scrolling text, press **Scroll Lock** again.
Tab	Move the cursor to the next tab stop.
Caps Lock	Put the keyboard in caps lock mode.