



Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for COMPAQ MP2800. You'll find the answers to all your questions on the COMPAQ MP2800 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual COMPAQ MP2800
User guide COMPAQ MP2800
Operating instructions COMPAQ MP2800
Instructions for use COMPAQ MP2800
Instruction manual COMPAQ MP2800

Notice

© 2000 Compaq Computer Corporation.

COMPAQ and the Compaq logo Registered in U.S. Patent and Trademark Office.

Microsoft, Windows, and Windows NT are registered trademarks of Microsoft Corporation in the United States and/or other countries.

All other product names mentioned herein may be trademarks or registered trademarks of their respective companies.

Compaq shall not be liable for technical or editorial errors or omissions contained herein. The information in this document is subject to change without notice and is provided "as is" without warranty of any kind. The entire risk arising out of the use of this information remains with the recipient. In no event shall Compaq be liable for any direct, consequential, incidental, special, punitive, or other damages whatsoever (including without limitation, damages for loss of business profits, business interruption, or loss of business information), even if Compaq has been advised of the possibility of such damages. The limited warranties for Compaq products are exclusively set forth in the documentation accompanying such products. Nothing herein should be construed as constituting a further or additional warranty.

User's Guide

Compaq MP2800 Microportable Projector

First Edition October 2000

Published in U.S.A., U.K., Singapore, and Taiwan:

Documentation Part Number 216023-001



[You're reading an excerpt. Click here to read official COMPAQ MP2800 user guide](http://yourpdfguides.com/dref/1252150)
<http://yourpdfguides.com/dref/1252150>

Manual abstract:

@@@@@The information in this document is subject to change without notice and is provided "as is" without warranty of any kind. The entire risk arising out of the use of this information remains with the recipient. In no event shall Compaq be liable for any direct, consequential, incidental, special, punitive, or other damages whatsoever (including without limitation, damages for loss of business profits, business interruption, or loss of business information), even if Compaq has been advised of the possibility of such damages. The limited warranties for Compaq products are exclusively set forth in the documentation accompanying such products. Nothing herein should be construed as constituting a further or additional warranty. User's Guide Compaq MP2800

Microportable Projector First Edition October 2000 Published in U.S.A., U.K.

, Singapore, and Taiwan. Documentation Part Number 216023-001 Preface Using This Guide The User's Guide includes general information about your projector, troubleshooting and diagnostics, and technical specifications. Symbols and Conventions The following words and symbols mark special messages throughout this guide: Text set off in this manner presents clarifying information, specific instructions, commentary, sidelights, or interesting points of view. !

WARNING: Text set off in this manner indicates that failure to follow directions could result in bodily harm or loss of life. CAUTION: Text set off in this manner indicates that failure to follow directions could result in damage to equipment or loss of information.

Preface 2 Warning Messages Before operating the projector, please read the following messages. ! WARNING: n To reduce the risk of harm to your eyes, do not look directly into the bright light of the projection lens. To reduce the risk of fire or electric shock, do not expose this product to rain or moisture. To reduce the risk of electric shock, do not disassemble the projector other than to replace the lamp module. To reduce the risk of personal injury, allow the unit to cool down before changing the lamp, and always unplug the power cord first.

n n n Preface 3 Chapter 1 Getting Started Product Features The Compaq MP2800 Microportable Projector generates crisp, clear images onto a projection screen by using Digital Light Processing (DLP) technology. The microportable projector offers the latest in portable projection technology, including: n 1024 x 768 native XGA resolution n Maximum resolution: 1280 x 1024 n HDTV capable 720p and 1080i via DVI port and 1080p via VGA port n User replaceable 130 watt high-efficiency, long-life lamp n Manual 1.2:1 zoom lens n Electronic scaling to 32X n Weighs 3.00 pounds (1.36 kg) n Convenient auto-image adjustment n 16.7 million displayable colors n Flash ROM upgradeable n Connector options: I Standard analog VGA I Digital DVI I S-video (with Multimedia Adapter) [optional use] I Composite video (with Multimedia Adapter) [optional use] n Multimedia Adapter with speaker [optional use] n Full-featured remote control with remote mouse capabilities [optional use] n Multilingual on-screen adjustment menu n Plug and Play capability n Projector carrying case n Compaq Presentation utility allows quick setup with portable computers Getting Started 4 n Compaq Projector Display Assistant utility to adjust screen settings n Security lock slot Introduction Before setting up your Compaq Microportable Projector, be sure your shipping box includes the following items: Getting Started 5 Projector and lens cap 10-foot power cable RS232 (serial) to DVI upgrade adapter Eight signal cables: n One VGA signal cable for use with computers, portables, and some handheld products n One digital DVI to DVI signal cable for use with compatible digital sources n S-video cable (for connecting digital devices such as a DVD player, camcorder, etc.) n Composite video cable (for connecting to a videocassette recorder) n Audio cables (2; one cable has mini connectors on both ends and is used to connect the Multimedia Adapter to a computer; the other cable has two RCA connectors on one end and a mini connector on the other end and is used to connect a videocassette recorder to a computer) n Remote control Y-cable 8-pin to USB/RS232 Y-cable used to connect the Multimedia Adapter to a computer for use with the remote control. When using the Y-cable, do not connect both the USB and RS232 connectors to a computer at the same time. The USB connector is the preferred connector. NOTE: The remote control Page Up and Page Down functions require an additional driver when used with the RS232 connector.

This driver can be found on the CD-ROM that came with your projector. n Component HDTV to VGA cable (optional use) Compaq Multimedia Adapter (optional use) Remote control, including two AAA batteries (optional use) Carrying case CD-ROM containing the Compaq Presentation utility program, Compaq Projector Display Assistant utility, RS232 driver, and the User's Guide Two Quick Setup cards and the Agency Regulatory Notices booklet Getting Started 6 If your shipping box does not contain all of the listed items, please contact your Compaq authorized dealer, reseller, or service provider. Setting Up the Projector Follow the instructions below and on the following pages to set up the projector. Separate setup instructions are described for the following products: n Portable computers n Desktop computers n Compaq PC Companions with VGA capability n Videocassette recorder, DVD, or camcorder (requires optional Multimedia Video Adapter) The projector is hot pluggable and can be connected to any video input source while the source is in use. IMPORTANT: Place the projector on a stable desk or table at a distance not less than 3.74 feet (1.14 meters) and not greater than 32.8 feet (10 meters) from the projection screen. ! WARNING: To reduce the risk of electric shock or damage to your equipment: n Do not disable the power cord grounding plug. The grounding plug is an important safety feature.

n Plug the power cord into a grounded (earthed) electrical outlet that is easily accessible at all times. n Disconnect power from the projector by unplugging the power cord from the electrical outlet. n Do not place anything on power cords or cables. Arrange them so that no one may accidentally step on or trip over them. Do not pull on a cord or cable.

When unplugging from the electrical outlet, grasp the cord by the plug. 7 Getting Started Balancing the Projector The projector has a built-in elevator foot used to balance and elevate the projector. Always balance the projector before connecting any device to it. Turn the elevator foot sideways to balance the projector. ! WARNING: To reduce the risk of the projector tipping or overturning, always turn the elevator foot 90° from its original position before pressing the elevator button.



[You're reading an excerpt. Click here to read official COMPAQ MP2800 user guide](http://yourpdfguides.com/dref/1252150)

<http://yourpdfguides.com/dref/1252150>

Refer to the "Adjusting the Projector Height" section later in this chapter. Getting Started 8 Connecting the Projector to a Portable Computer 1. Rotate the elevator foot to balance the projector. 2. Connect one end of the projector signal cable to the projector and the other end to the VGA connector B or the DVI connector A on the portable computer and tighten the screws. Be sure the signal cable aligns with the connector. Do not force the cable onto the connector or you may damage the signal cable or the projector. 3. Connect one end of the power cord into the back of the projector, and the other end to an electrical outlet that is easily accessible and close to the projector. The projector will automatically be placed into Standby mode.

4. Press the blue Standby button on the top of the projector to turn on the projector first, then turn on the computer. For security purposes, this projector has been fitted with a security lock slot (located on the left, front side) for use with a security cable lock that can be purchased separately at most computer stores.

9 Getting Started Connecting the Projector to a Desktop Computer 1. Rotate the elevator foot to balance the projector. 2. Connect one end of the projector signal cable B to the projector and the other end to the VGA connector on the desktop computer and tighten the screws. If your computer has a digital connector, connect one end of the DVI signal cable A to the digital connector on the projector and the other end to the digital connector on the computer. Be sure the signal cable aligns with the connector. Do not force the cable onto the connector or you may damage the signal cable or the projector.

3. Connect one end of the power cord into the back of the projector, and the other end to an electrical outlet that is easily accessible and close to the projector. The projector will automatically be placed into Standby mode. Getting Started 10 4. Press the blue Standby button on the top of the projector to turn on the projector first, then turn on the computer.

For security purposes, this projector has been fitted with a security lock slot (located on the left, front side) for use with a security cable lock that can be purchased separately at most computer stores. Connecting the Projector to a Compaq PC Companion To connect the projector to a Compaq PC Companion, the PC Companion must have a male connector adapter and a VGA-out PC Card with a 15-pin connector. The VGA-out PC Card with the 15-pin connector is not included with the Compaq PC Companion. It is sold separately. For information on purchasing this card, call your Compaq authorized dealer or reseller.

To locate a reseller near you, check the "Worldwide Telephone Numbers" booklet that came with your projector or visit the Compaq website at <http://www.compaq.com>. 1. Rotate the elevator foot to balance the projector. 2. Connect one end of the signal cable to the projector and connect the other end to the VGA-out PC Card. The VGA-out PC Card may be inserted into the PC slot on the Compaq PC Companion before or after connecting the signal cable.

Be sure the signal cable aligns with the connector. Do not force the cable onto the connector or you may damage the signal cable or the projector.

Getting Started 11 3. Connect one end of the power cord into the back of the projector, and the other end to an electrical outlet that is easily accessible and close to the projector. The projector will automatically be placed into Standby mode. 4. Press the blue Standby button on the top of the projector to turn on the projector first, then turn on the computer. For security purposes, this projector has been fitted with a security lock slot (located on the left, front side) for use with a security cable lock that can be purchased separately at most computer stores. Getting Started 12 Connecting the Projector to Other Video Sources

The optional Compaq Multimedia Adapter must be used to connect the projector to a camcorder, DVD player, or videocassette recorder. This adapter converts signals from the camcorder, DVD player, or videocassette recorder for compatibility with the projector. Refer to Chapter 3, "Using the Compaq Multimedia Adapter," for information on attaching and using the Compaq Multimedia Adapter. Powering On the Projector Follow these instructions to power on the projector: 1.

Make sure the computer and projector power cords and the signal cable are securely connected. Make sure the projector is perpendicular to the projection screen. 2. Remove the lens cap by squeezing the tabs and pulling the lens cap straight out . 3.

Press the blue Standby button on the top of the projector and allow the projector to warm up for one to two minutes. When the projector has warmed up, the Compaq startup screen displays and the LED on the Standby button turns green. Getting Started 13 4. Turn on the video source (computer, PC Companion, videocassette recorder, etc.) and launch the software application being used to display images on the projection screen.

If applicable, press the Function key on the computer designated for external display. If there is a long delay between the time the startup screen displays and the time the presentation software is launched, the lamp may shut off and the projector will automatically gchart, the display may appear to be dimmer than usual. Getting Started 19 Using the Compaq Presentation Utility The Compaq Presentation utility included on the CD-ROM is for use with portable computers. The purpose of the Presentation utility is to disable power management features of the portable computer while the Compaq Microportable Projector is connected to it. The utility also disables the computer's screen savers and auto-suspend feature while the utility is running. A graphical user interface (GUI) is required to control the projector's resolution settings and the enabled/disabled status. The Compaq Presentation utility supports the following GUI operating systems: Microsoft Windows 95, Windows 98, Windows NT 4.0, and Windows 2000. To install the Presentation utility onto a portable computer: 1. Insert the CD-ROM into the computer's CD-ROM drive.

2. From the launch menu, click "Install SoftwareàInstall Presentation Utility" and follow the on-screen instructions. 3. Select Next in the dialog box to install the program. The Presentation utility installs on the hard drive and you are prompted to restart the computer. Upon restart, a program icon (yellow beam of light containing a Q) is placed in the Windows system tray. 4. Double-click the program icon to launch the Presentation Properties dialog box. 5. Set the Presentation Mode Duration time in the dialog box. The dialog box has default settings enabled to turn off the computer's power management features and screen saver features.

The CD-ROM menu will automatically launch on the screen. 2. From the launch menu, click "Install SoftwareàInstall Presentation Utility" and follow the on-screen instructions. 3. Select Next in the dialog box to install the program. The Presentation utility installs on the hard drive and you are prompted to restart the computer. Upon restart, a program icon (yellow beam of light containing a Q) is placed in the Windows system tray. 4. Double-click the program icon to launch the Presentation Properties dialog box. 5.

Set the Presentation Mode Duration time in the dialog box. The dialog box has default settings enabled to turn off the computer's power management features and screen saver features.



[You're reading an excerpt. Click here to read official COMPAQ MP2800 user guide](http://yourpdfguides.com/dref/1252150)
<http://yourpdfguides.com/dref/1252150>

6. Select OK from the dialog box to execute the settings. The software dialog box closes and the computer is ready to continue with the presentation. When the installation is complete, the appropriate language is installed on the computer based on the computer's operating system language. If the computer's operating system language is not included as one of the installation languages, then, by default, the English version will install on the computer. Getting Started 20 Using the Compaq Projector Display Assistant Utility The Compaq Projector Display Assistant utility included on the CD-ROM is an adjustment tool for improving the display quality of the projector. Adjustments need to be made when the projector is first attached to a computer or when a different display mode is selected for the first time. This utility can be run directly from the CD-ROM or copied to a directory on the computer hard drive and run from there.

To run the Projector Display Assistant utility for Microsoft Windows 95, Windows 98, Windows NT 4.0, or Windows 2000: 1. Insert the CD-ROM into the computer's CD-ROM drive. The CD-ROM menu will automatically launch on the screen. 2. From the launch menu, click "Install Software" Install Compaq's Projector Display Assistant" and follow the onscreen instructions. Getting Started 21 Chapter 2 Using the Projector Identifying the Projector Buttons Using the Projector 22 Symbol Control Standby button Function Powers the projector lamp on and off. The Standby LED changes color modes to indicate the following operating modes: 1. Flashing amber indicates the projector is going into standby mode and cannot be restarted until the LED glows amber steadily. 2.

All five LED buttons rapidly flashing amber indicate the lamp has overheated and the projector has automatically shut down. 1. Launches first, second, and third-level on-screen menus. 2. Exits the on-screen menus. Selects and adjusts the on-screen scroll down menu functions. Selects and adjusts the on-screen scroll up menu functions. Automatically synchronizes the projector to track the input source. IMPORTANT: To use standby mode, press the Standby button and, after a six to ten-second delay, the unit enters Standby mode and the projector lamp turns off. A "Going to Standby" message appears on the screen for the duration of the six to ten-second delay.

When the message disappears from the screen, there is a 45-second delay before the lamp can be turned back on. Wait 45 seconds to allow the lamp to cool before pressing the Standby button again. Using the Projector - + R Select button Minus button Plus button Resync button 23 Introducing the Analog On-Screen Menu The adjustments for screen settings are located in the on-screen menu and can be viewed in one of the available languages. Analog On-Screen

Menu Adjustments To display the analog on-screen menu, press the Select button. The following menu shows the functions at each level: Main Menu Brightness Contrast Position Menu Level 2 Adjustment scale Adjustment scale Horizontal Position Vertical Position Save and Return Cancel Zoom Panning Left-Right Panning Up-Down Save and Return Cancel Adjustment scale Dark - Light Save and Return Cancel (Color temperature) Custom Color Saturation Save and Return Cancel Clock Clock Phase Save and Return Cancel Menu Level 3 Adjustment scale Adjustment scale Zoom Adjustment scale Adjustment scale Adjustment scale Keystone Picture Color Adjustment scale Adjustment scale Adjustment scale Adjustment scale Digital Conversion Continued Using the Projector 24 Analog On-Screen Menu (continued) Main Menu Language Menu Level 2 Deutsche English Espanol Francais Italiano Nederlands Japanese S. Chinese Save and Return Up-Down Left-Right Save and Return Cancel HDTV Fill Screen HDTV Fill to Aspect Ratio Save and Return Cancel Power Saver Lamp Hours Reset Lamp Hours Flip Image Menu Level 3 Menu Location Adjustment scale Adjustment scale YPrPb RGB YPrPb RGB On-Off Display hours - 5 digits Confirmation Horizontal Vertical Both Save and Return Cancel Display Serial Number Confirmation HDTV Setup Management Factory Reset Exit Serial Number Master Reset Save and Return Cancel Confirm Reset Using the Projector 25 Adjusting the On-Screen Menus To launch and make adjustments to the Main and Video on-screen menus: 1. Press the Select button on the projector panel or the remote control. The Main menu will display on the projection screen. 2. To select a function, press the Minus (-) button to scroll down the Display menu.

To reverse the scroll direction, press the Plus (+) button . 3. Highlight the function to be adjusted and press the Select button again. The bar on the bottom of the on-screen menu shows the current operating resolution. For example, to select the Position function, press the Minus button until Position is highlighted, then press the Select button to display the level 2 menu for Position. The level 2 menu displays expanded menu items. Using the Projector 26 4. To make a selection from the level 2 menu, press the Minus (-) button to scroll down the level 2 menu, or press the Plus (+) button to reverse the scroll direction. 5. Highlight the selection and press the Select button to confirm the selection.

The level 3 menu displays. 6. Level 3 for Position functions display the adjustment scales. Use the Minus button to decrease and the Plus button to increase the screen Horizontal and Vertical positions. Some menu functions display adjustment scales in the level 2 menu, while others display adjustment scales in the level 3 menu. 7. After making the adjustment, select Save and Return. To void any changes made, select Cancel instead of Save and Return. 8. To exit from the on-screen menu, select Exit from the Main menu.

If the display is a second or third-level menu, select Save and Return or Cancel, then select Exit from the Main menu. Explaining Functions in the Analog On-Screen Menu I Brightness and Contrast--Adjusts the displayed image brightness and contrast ranges from 0 to 100. An example of a standard setting is to set the contrast level to 67 and the brightness level to 50. I Position--Fine-tunes the horizontal and vertical positions of the display. I Zoom--Magnifies an image up to a factor of 32 on the projection screen (zooms in to a specific area on the screen, and pans left, right, up, and down).

Using the Projector 27 I Keystone--Adjusts image distortion at the top and bottom widths of the screen caused by tilting the projector. darkness or light for the projected image. I Picture--Adjusts the gamma value or degree of contrast of I Color--Adjusts color balance to compensate for ambient conditions using three submenus: I Factory default. I Custom Color--Modifies the color temperature balance. I Saturation--Magnifies the color intensity. adjusting: I Clock--Increase/decrease the value to stretch or shrink the image on the screen.



[You're reading an excerpt. Click here to read official COMPAQ MP2800 user guide](http://yourpdfguides.com/dref/1252150)
<http://yourpdfguides.com/dref/1252150>

I Clock Phase--Increase/decrease the value to minimize video distortion or video jitter. I Digital Conversion--Improves picture stability of user modes by If the projector image becomes distorted when adjusting the Clock and Clock Phase values, continue adjusting the values until the distortion disappears. To restore the factory settings, select Factory Reset in the on-screen menu, or press the Resync button. I Language--Allows the user to change the On-Screen display to one of the languages in their native spelling. The current language is highlighted. Select another language to display all menu functions in that language. I Menu Location--Positions the on-screen menu at a convenient location on the projector screen; positions the menu up or down, left or right. screen or to use the original aspect ratio and fill the screen, using HDTV (High Definition Television) format. Refer to the "HDTV" section later in this chapter for more information.

characteristics of the display, or to view the cumulative lamp hours, reset the lamp hour timer, view the unit's serial number, or perform a Master Reset. 28 I

HDTV Setup--Allows the user to stretch the format to fill the I Management--Allows the user to control power saver Using the Projector I Factory Reset--Resets the current operating option to its original factory setting. Special On-Screen Messages Special on-screen messages will appear on the projection display to identify the following conditions: I Check Video Cable: Indicates the video cable may not be plugged into the projector or the selected video input is not accurate. access the appropriate input signal. I Input Signal Out of Range--Indicates the projector is unable to I 2 Inputs Active - Remove One--The projector has two data inputs: one is an analog D-Sub input and the other is a digital DFP input. This message indicates that both inputs are active simultaneously and the user should detach one of them. NOTE: This message appears only when the Multimedia Adapter is not attached to the projector. I Going to Standby--Indicates the projector is entering a sleep mode or is powering off the lamp. I Lamp May Fail Soon, Replacement Suggested--Indicates the lamp is approaching failure. The message will remain on the screen for five seconds or until the on-screen menu Select button is pressed.

When the Multimedia Adapter is attached to the projector, the following messages, in addition to the previous messages, will appear on the projection display to identify the following conditions: I Analog, Use Source to Change Input--Indicates analog and video inputs are connected. Since the projector will default to display analog, you must press the Source button to switch to video. composite video or other inputs (excluding HDTV) are present. Composite video is the default setting unless HDTV is connected. Press the Source button to change the setting.

I Composite Video, Use Source to Change Input--Indicates Using the Projector 29 I S-video, Use Source to Change Input--Indicates S-video with other inputs are active. Press the Source button to change the setting. I HDTV, Use Source to Change Input--Indicates HDTV input is connected along with other inputs. If HDTV is connected, HDTV is the default setting. Press the Source button to switch to video.

HDTV (Optional Use) The Compaq Microportable Projector is capable of displaying various High Definition TV display modes. The Multimedia Adapter is not required to take advantage of this functionality. A variety of sources can be used to provide HDTV data to the projector for display. Some of these sources are: I Digital-VHS (D-VHS) player I HDTV-DVD player I Satellite Dish HDTV receiver I A variety of DTV tuners (to receive programming over the airwaves) Most of these sources will provide an analog component video output, a standard VGA output, or a standard digital DVI output. The color information can be either in YPrPb (default) format or RGB format. The user can switch between these using the analog on-screen menu adjustments by selecting "HDTV Setup." Refer to "Analog On-Screen Menu Adjustments" earlier in this chapter for more information. The projector is capable of processing HDTV data provided either on the standard VGA connector or the DVI interface. Use the Component HDTV to VGA cable that came with your projector to convert component outputs to VGA format. The following modes are supported on the DVI interface: I HD0 I 640 x 480p 704 x 480p I I 1280 x 720p I I HD1 I 1920 x 1080i Using the Projector 30 When displaying HDTV content, it is recommended that you display it in its native 16:9 widescreen mode.

For this, you may need to select the HDTV Fill to Aspect Ratio mode on the projector to preserve the height-to-width relationship of the material. Note that in this mode, you will have black stripes on top and bottom of the projected image, just as you see on a standard TV set when viewing widescreen content. A desktop or portable computer can also be used to generate a HDTV video stream. @@The composite image is then sent to the projector for display. @@The projector processes the data as it comes from the computer. @@@@2. @@3. @@@@Both cables are included with the Compaq Multimedia Adapter. 1. @@@@2.

Turn on the projector first, then the video player. 3. @@@@With the Compaq Multimedia Adapter attached, the projector is compatible with major video standards such as NTSC, PAL, and SECAM. Use the on-screen menu to adjust the video performance manually or press the Resync button to optimize it automatically. Using the Compaq Multimedia Adapter 36 Video On-Screen Menu Adjustments When the Multimedia Adapter is attached to the projector and the video source is selected, an alternate video on-screen menu can be displayed on the projected screen.

This menu includes some selections that are relevant to the functions of the Multimedia Adapter. To display the video on-screen menu: 1. Attach the Multimedia Adapter to the projector. 2. Attach a video source to the projector.

3. Set the Source button on the adapter or remote control to video. 4. Press the Select button on the projector or the Menu button on the remote control to display the following menu: Video Menu Brightness Contrast Zoom Video Menu Level 2 Adjustment scale Adjustment scale Zoom Panning left-right Panning up-down Save and return Cancel Adjustment scale (Color temperature) Custom color Saturation Save and return Cancel Adjustment scale Adjustment scale Deutsche English Espanol Francais Italiano Nederlands Japanese Save and Return Video Menu Level 3 Adjustment scale Adjustment scale Adjustment scale Keystone Color Adjustment scale Adjustment scale Tint Sharpness Language Continued Using the Compaq Multimedia Adapter 37 Video On-Screen Menu (continued) Video Menu Video Menu Level 2 Audio Mute Volume Bass Treble Cancel Save and return S-Video Composite Analog HDTV Save and return Up-down Left-right Save and return Cancel Power saver Lamp hours Reset lamp hours Standby lamp delay Flip image Serial number Master reset Save and return Cancel Confirm reset Video Menu Level 3 On - Off Adjustment scale Adjustment scale Adjustment scale Source Menu Location Adjustment scale Adjustment scale Management On-off Display hours - 5 digits Confirmation Delay adjustment Horizontal - vertical both Display serial number Confirmation Factory reset Exit Current mode To make adjustments to the video on-screen menu, follow the steps in "Adjusting the On-Screen Menus" in Chapter 2.



[You're reading an excerpt. Click here to read official COMPAQ](http://yourpdfguides.com/dref/1252150)

[MP2800 user guide](http://yourpdfguides.com/dref/1252150)

<http://yourpdfguides.com/dref/1252150>

Explaining Functions in the Video On-Screen Menu In addition to the analog on-screen menu functions, the video onscreen menu includes the following additional functions: n Tint-adjusts screen image tint. n Sharpness-adjusts screen image sharpness. n Audio-adjusts the audio controls for the Multimedia Adapter speaker. n Source-selects between composite, S-video, DVI, analog, and HDTV input. Using the Compaq Multimedia Adapter 38 Chapter 4 Using the Remote Control The remote control (optional use) has many convenient features. It combines the functions of the projector buttons with some of the most widely used functions of the computer mouse.

Before using the remote control, be sure steps 1 through 4 have been completed under "Powering On the Projector." The remote control operates only when the Compaq Multimedia Adapter is connected to the projector. WARNING: To reduce the risk of injury to the eyes, do not look directly into the remote control laser light and do not point the laser light into anyone's eyes. The remote control is equipped with a Class II laser that emits radiation. Using the Remote

Control 39 Identifying the Remote Control Components Item Component LED Mouse ball Function Glows green when the remote control is operating Controls the on-screen cursor and alternate left-mouse functions Turns the projector on and off OR powers the projector into and out of Standby mode Selects the input source Scrolls projected image up Continued Using the Remote Control System on/Standby button SCE--Source button Page up button 40 Remote Control components (continued) Item Component Function Laser pointer Zoom in button Zoom out button On-screen menu button Right mouse button Page down button Mute button Volume + Volume - Resync button On-screen menu adjustments + On-screen menu adjustments Left mouse trigger Allows laser pointer functionality Zooms in to a specific area on the screen Zooms out to include a larger screen area Launches the video on-screen Menu Controls right mouse functions Scrolls projected image down Mutes or silences the speaker on the Multimedia Adapter Increases speaker volume Decreases speaker volume Resynchronizes the projector with the input source Adjusts the video on-screen menu up Adjusts the video on-screen menu down Controls left mouse functions Using the Remote Control Follow the instructions in the "Adjusting the On-Screen Menus" section in Chapter 2 to make adjustments to the video on-screen menu. 41 Remote Control Functions The remote control performs the following functions: n Duplicates the functions of the projector buttons including adjusting the on-screen buttons. n Controls the computer connected to the projector by navigating through the computer directories and opening and closing files. IMPORTANT: To operate a computer using the remote control, the remote control Y-cable (included with the Multimedia Adapter) must be used.

Connect the 8-pin connector cable to the appropriate connector on the Multimedia Adapter and connect the USB connector to the USB connector on the computer (preferred) or the RS232 connector to the serial connector on the computer. Do not connect both the USB and RS232 connectors to the computer. NOTE: The remote control Page Up and Page Down functions require an additional driver when used with the RS232 connector. This driver can be found on the CD-ROM that came with your projector. Using the Remote Control 42 Microsoft Windows 95 (OSR Version 2.1), Windows 98, and Windows 2000 support USB connection. Microsoft Windows NT does not currently support USB connection.

Using the Remote Control 43 Chapter 5 Care and Maintenance This section explains how to care for and maintain your Compaq projector during normal everyday use. Protecting the Projector To protect your projector from overheating and other types of damage, follow these suggestions: I Use only a power source and connection appropriate for this projector as indicated on the marking label. I Do not overload an electrical outlet, power strip, or convenience receptacle. The overall system load must not exceed 80 percent of the branch circuit rating. If an extension cord or power strip is used, make sure that the cord or strip is rated for the product and that the total ampere ratings of all products plugged into the extension cord or power strip do not exceed 80 percent of the extension cord or strip ampere ratings limit.

Disconnect the product by grasping the plug firmly and pulling it from the outlet. Never disconnect it by pulling the cord. use liquid cleaners or aerosol cleaners. I Install the projector near an outlet that you can easily reach. I Unplug the projector from the wall outlet before cleaning. Do not I Slots and openings in the cabinet are provided for ventilation. These openings must not be blocked or covered. Never push objects of any kind into cabinet slots or other openings. I Do not drop the projector or place it on an unstable surface. I Do not expose this product to rain or moisture.

I Do not allow anything to rest on the power cord. Do not walk on the cord. I Do not allow the projector to be exposed to high temperatures. Care and Maintenance 44 I Do not open the projector or attempt to service this product for any other reason than to replace the lamp module. Adjust only those controls that are covered by the operating instructions. If the projector is not operating properly or has been dropped or damaged, contact your Compaq authorized dealer, reseller, or service provider. Cleaning the Lens To minimize the risk of damaging or scratching the lens surface, this cleaning procedure has been developed. The first recommendation is to remove any dust particles from the lens by blowing them off with clean, dry, deionized air. However, this may not be a convenient method, and an alternate method is described below. To clean the lens, use only a clean cloth and follow these steps: CAUTION: Do not spray any type of fluid or cleaner directly on the lens surface.

Do not use liquid cleaners. 1. Wipe the lens in a single direction with a clean, dry cloth. Do not wipe back and forth across the lens surface. 2. If the cloth is dirty or smears the lens, wash the cloth. If the cloth is still dirty after washing it or the fabric is damaged, replace it. Do not use fabric softener when washing a cleaning cloth or softener sheets when drying the cloth. Care and Maintenance 45 CAUTION: Do not store a cleaning cloth in contact with the lens for a long time as doing so may contaminate the lens with dye from the cloth. The cloth can be contaminated if left in the open air. Replacing the Projector Lamp Module ! WARNING: When the lamp reaches its end of life, it may pop or rupture. To reduce the risk of personal injury, be careful when removing the lamp cover as broken glass may be present.



[You're reading an excerpt. Click here to read official COMPAQ MP2800 user guide](http://yourpdfguides.com/dref/1252150)
<http://yourpdfguides.com/dref/1252150>

Never open the lamp cover while the projector is operating or when the lamp is hot. The projector will alert you when the lamp approaches its failure mode or end of life. When the message "Lamp May Fail Soon Replacement Suggested" displays on the projection screen, you should change the lamp as soon as possible. Contact your local Compaq authorized dealer, seller, or reseller to purchase a spare lamp or have the lamp changed. You can also purchase a lamp directly through www.compaq.com. Care and Maintenance 46 Follow these steps to replace the projector lamp module: 1.

Turn off the power to the projector by pressing the blue Standby button . 2. Allow the projector to cool down for at least 30 minutes. ! WARNING: The lamp assembly operates at a very high temperature. To reduce the risk of personal injury, allow the projector to cool down for at least 30 minutes before opening the lamp cover. Never open the lamp cover while the projector is operating or when the lamp is hot. . Care and Maintenance 3. Disconnect the power cord 47 4. Use a coin to loosen the screw on the lamp module.

5. On the front of the lamp module, slide up the release latch to disengage it from the projector base. ! WARNING: To reduce the risk of personal injury, do not drop the lamp module or touch the glass bulb. The glass may shatter and cause an injury if it is dropped. Reverse the previous steps to replace the lamp module.

After replacing the lamp module, remember to reset the lamp hours in the on-screen menu. CAUTION: The lamp contains < 0.125 percent mercury by weight. If the projection lamp breaks, the mercury may be released into the atmosphere. Please follow applicable federal, state, and local regulations for disposal and/or recycling.

Care and Maintenance 6. Pull out the lamp module . 48 Chapter 6 Troubleshooting Problem Image does not appear on the projection screen Solution 1. 2. 3. 4. 5. 6. Make sure the projector is powered on. Ensure the lens cap has been removed.

Press the Standby button again. Ensure that the power cable is securely connected. Ensure the pins on the connectors are not crooked or broken. Turn off or disable the portable or desktop computer screen saver function. Ensure the projection lamp has been securely installed. Ensure your portable computer's external video port is turned on. Toggle the Fn + F4 function keys. Activate CRT/LCD "ON" at the same time. To identify any alternate function keys to be used, refer to your portable computer's user manual. Press the Resync button.

Turn everything off; then power on the projector first and power on the portable or desktop computer second. If the above steps do not correct the display image, adjust the resolution of the portable or desktop computer to 1024 × 768. Continued 7. 8. Scrolling, cut-off, or incorrect image displayed 1.

2. 3. Troubleshooting 49 Troubleshooting (continued) Problem Portable computer or PC Companion screen is not displaying the presentation Solution Portable computer: Most portable computers have a monitor loop-through or simultaneous viewing function. Press the Fn +F4 function keys on the portable computer to switch the image from the portable screen to the projection screen or to toggle through the following three options: 1. LCD: Output displays only on the portable screen.

2. CRT: Output displays only on the projection screen. 3. CRT/LCD: Output displays on the portable screen and the projection screen. Activate CRT/LCD "ON" at the same time. To identify any alternate function keys to be used, refer to your portable computer's user manual. Mac PowerBooks: 1. To control video mirroring, click Control PanelàDisplay, then set Video Mirroring to ON for both internal and external viewing. 2. Set Video Mirroring OFF for image on external monitor only or internal only, depending on monitor selection in Monitors.

Press the Resync button on the projector panel to adjust the tracking. If that does not stop the flickering, adjust the Clock Phase function in the analog on-screen menu. Continued Image is flickering or unstable Troubleshooting 50 Troubleshooting (continued) Problem Image is out of focus Solution 1. 2. Adjust the Focus Ring on the projection lens. Make sure the projection screen is within the required distance (3.74 to 32.8 feet, 1.14 to 10 meters) from the projector. Check the projection lens to see if it needs cleaning.

Follow the "Cleaning the Lens" procedures in Chapter 5 to clean the lens. 3. Projected colors do not match computer or camcorder color Black or gray border visible outside the usable area of the projection screen Only the Compaq startup screen displays Adjust the Brightness, Contrast, or Color functions in the analog or video on-screen menu. 2. Make sure the pins on the cable connectors are not bent or broken.

The black border surrounding the active area of the projection screen is part of the total projected image; however, it is an inactive area and cannot display any part of the image. This black border reduces the amount of extraneous light, producing a cleaner, sharper image. 1. Check that the cables are connected securely. 2.

Verify that the proper input source is connected. 3. Make sure your portable computer's external video port is activated. Continued 1. Troubleshooting 51 Troubleshooting (continued) Problem A blue screen displays on the projection screen when a videocassette recorder is connected to the projector. Lamp shuts off Solution Check the videocassette recorder Play or TV/Video buttons. If that does not work, refer to your videocassette recorder manual. 1. If all five LEDs flash amber, the projector has overheated and will automatically shut down. Wait five to ten minutes until the LED buttons stop flashing and the Standby button turns amber before restarting the projector again.

2. A minor power surge may cause the lamp to shut off. Wait a few minutes, then turn it back on. When the lamp reaches its end of life, it will burn out and may make a loud popping sound. If this happens, the projector will not turn back on until the lamp module has been replaced. Contact your local Compaq authorized dealer, seller, or reseller to purchase a replacement lamp module. To replace the lamp, follow the procedures in the "Replacing the Projector Lamp Module" section of Chapter 5. 1. Make sure the audio cable is correctly connected to the Multimedia Adapter and the audio source. 2.

Make sure the audio source is operating properly. 3. Make sure the Mute button is off. Continued Lamp burns out or makes a popping sound Multimedia Adapter speaker does not operate. Troubleshooting 52 Troubleshooting (continued) Problem Remote control does not operate Solution 1.

2. The two AAA batteries may need to be replaced. Verify that the batteries are installed properly. Remote mouse does not operate computer. 1. Compatibility issues with equipment attached to the projector.



[You're reading an excerpt. Click here to read official COMPAQ](http://yourpdfguides.com/dref/1252150)

[MP2800 user guide](http://yourpdfguides.com/dref/1252150)

<http://yourpdfguides.com/dref/1252150>

Image size is too small/large. Make sure the Y-cable is connected to both the computer and the Multimedia Adapter. Do not connect both the USB and RS232 connectors to the computer at the same time. The USB connector is the preferred connector. 2. If the RS232 connection is being used, the remote control does not function until the serial port is initialized. You may need to restart the computer to initialize the serial port. The remote control Page Up and Page Down functions require an additional driver when used with the RS232 connector. This driver can be found on the CD-ROM that came with your projector.

Refer to Appendix B "Flash ROM Upgrade" for more information. If this does not resolve the problem, contact your Compaq authorized service provider or call Compaq Customer Support for help. Refer to the "Worldwide Telephone Numbers" booklet included in the projector documentation kit for a complete list of customer support numbers to call. Adjust the manual zoom until the image is the desired size. Troubleshooting 53 Appendix A Agency Regulatory Notices Federal Communications Commission Notice This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. @@@@Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. For questions regarding your product, contact: Compaq Computer Corporation P.O.

Box 692000, Mail Stop 530113 Houston, Texas 77269-2000 Or, call 1-800-652-6672 (1-800-OK COMPAQ) For questions regarding this FCC declaration, contact: Compaq Computer Corporation P.O. Box 692000, Mail Stop 510101 Houston, Texas 77269-2000 Or, call (281) 514-3333 To identify this product, refer to the Part, Series, or Model number found on the product. Canadian Notice This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Avis Canadien Cet appareil numérique de la classe B respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

Agency Regulatory Notices 55 European Notice Products with the CE Marking comply with both the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community. Compliance with these directives implies conformity to the following European norms: I EN55022 (CISPR 22) - Radio Frequency Interference I EN50082-1 (IEC801-2, IEC801-3, IEC801-4) - Electromagnetic Immunity I EN60950 (IEC950) - Product Safety Japanese Notice Power Cords The projector power supply is provided with Automatic Line Switching (ALS). This feature allows the projector to operate on input voltages between 100-120V or 200-240V. The power cord set (flexible cord or wall plug) received with the projector meets the requirements for use in the country where you purchased the equipment. If you need to obtain a power cord for a different country, you should purchase a power cord that is approved for use in that country.

Agency Regulatory Notices 56 The power cord must be rated for the product and for the voltage and current marked on the product's electrical ratings label. The voltage and current rating of the cord should be greater than the voltage and current rating marked on the product. In addition, the diameter of the wire must be a minimum of 0.75 mm² or 18AWG, and the length of the cord must be between 6 feet (1.8 m) and 12 feet (3.6 m). If you have questions about the type of power cord to use, contact your Compaq authorized service provider. A power cord should be routed so that it is not likely to be walked on or pinched by items placed upon it or against it. Particular attention should be paid to the plug, electrical outlet, and the point where the cord exits from the product.

Agency Regulatory Notices 57 Appendix B Flash ROM Upgrade The Compaq Microportable Projector can be upgraded by flashing the ROM (Read Only Memory) resident on the projector.

This will be available from Compaq in the future only if necessary. NOTE: Before attempting these steps, make sure the projector is turned off. The Flash ROM upgrade provides the following functions: I Implements new features on the projector I Provides upgrades to existing features I Resolves compatibility issues. Locate the following items in the Compaq Microportable Projector shipping box: I DVI to DVI signal cable I RS232 to DVI upgrade adapter Flash ROM Upgrade 58 Complete the following steps to upgrade the projector's ROM: 1. Connect one end of the cable to the DVI connector on the projector and the other end to the RS232 (serial) connector on the computer. 2. Power on the computer and monitor only (if applicable). 3. Access the Compaq website at: <http://www.compaq.com>

4. Follow the steps outlined on the website. 5. Power on the projector. 6.

Wait about two minutes to allow the Flash Upgrade program to complete the upgrade, then the projector will automatically reset and be ready to use. Flash ROM Upgrade 59 Appendix C Specifications Compaq Microportable Projector Projection panel Lamp type Image size Avg. lamp life in hours Projection distance Maximum weight (unpacked) Maximum dimensions Maximum graphics resolution Displayable colors Horizontal frequencies XGA 1024 x 768 x 1

130 watt High Brightness Lamp See the Image Size Adjustment table. 1,500 hours 4.92 to 32.8 feet (1.14 to 10 meters) 3.0 lbs (without cables) 2.5 in (w) x 7.1 in (h) x 8.38 in (d) SXGA 1280 x 1024 at 75 Hz 16.7 million colors 15-80 kHz Analog 15-80 kHz Digital Vertical frequencies 48 - 85 Hz Analog 48 - 75 Hz Digital Required Environmental Temperatures for the Following Altitudes: Sea Level Operating Temperature 50 to 104°F 10 to 40°C Storage Temperature -22 to 149°F -40 to 65°C 2,500 - 5,000 Feet Operating Temperature 50 to 95°F 10 to 35°C Storage Temperature -22 to 149°F -40 to 65°C 5,000 - 10,000 Feet Operating Temperature 50 to 82°F 10 to 28°C Storage Temperature -22 to 149°F -40 to 65°C Humidity (Non-Condensing) Operating 20 to 80% Non-Operating 5 to 95% Power Source 90 - 265 VAC, 50-60 Hz Power Consumption < 185 watts Input Terminal One 15-pin D-type VGA connector with one cable included One DVI connector with one cable included Specifications 60 Preset Display Resolutions Table This projector automatically recognizes the preset display resolutions listed in the following table. Display Resolutions Preset Modes 1.



[You're reading an excerpt. Click here to read official COMPAQ MP2800 user guide](http://yourpdfguides.com/dref/1252150)
<http://yourpdfguides.com/dref/1252150>

Industry Standard 2. VESA Standard 3.

Industry Standard 4. VESA Standard 5. VESA Standard 6. Industry Standard 7. VESA Standard 8. VESA Standard 9. VESA Standard 10. VESA Standard 11. VESA Standard 12. VESA Standard 13.

Macintosh-compatible 14. Macintosh-compatible 15. VESA Standard 16. VESA Standard 17. VESA Standard 18.

VESA Standard 19. VESA Standard 20. VESA Standard 21. VESA Standard 22. VGA Compatibility 23.

HDTV 720P (Progressive) 24. HDTV 1080I (Interface) Resolutions 640 × 350 at 31.5 kHz/70 Hz 640 × 350 at 37.8 kHz/85 Hz 640 × 480 at 37.8 kHz/72 Hz 640 × 480 at 37.5 kHz/75 Hz 640 × 480 at 43.3 kHz/85 Hz 720 × 400 at 31.5 kHz/70 Hz 720 × 400 at 37.9 kHz/85 Hz 800 × 600 at 35.1 kHz/56 Hz 800 × 600 at 37.

8 kHz/60 Hz 800 × 600 at 48 kHz/72 Hz 800 × 600 at 46.9 kHz/75 Hz 800 × 600 at 53.7 kHz/85 Hz 832 × 624 at 49.7 kHz/75 Hz 1152 × 870 at 68.7 kHz/75 Hz 1024 × 768 at 35.5 kHz/43.4 Hz 1024 × 768 at 48.4 kHz/60 Hz 1024 × 768 at 56.4 kHz/70 Hz 1024 × 768 at 60 kHz/75 Hz 1024 × 768 at 68.7 kHz/85 Hz 1280 × 1024 at 64 kHz/60 Hz 1280 × 1024 at 80 kHz/75 Hz 640 × 480 at 31.

5 kHz/60 Hz 1280 x 720 at 45 kHz/60 Hz 1920 x 1080 at 33.8 kHz/30 Hz Specifications 61 .



[You're reading an excerpt. Click here to read official COMPAQ](#)

[MP2800 user guide](#)

<http://yourpdfguides.com/dref/1252150>