Toshiba TDP-P3-US User Manual

User guide

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18

19
20
21
22
23
24
25
26
27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
42
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58

-

Table of Contents

-

Troubleshooting

Bookmarks

Quick Links

Download this manual

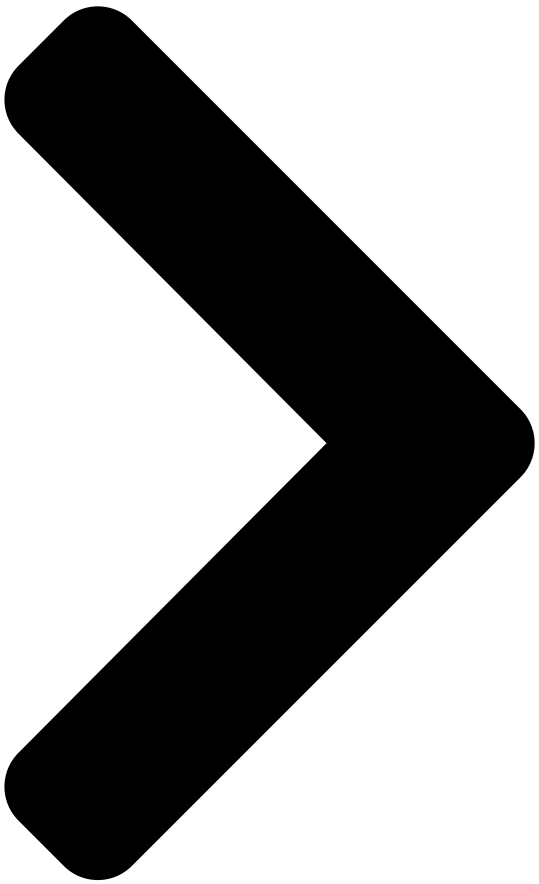

TABLE OF CONTENTS

Safety Instructions
Introduction
Image Resolution
Compatibility
Unpacking the Projector
Usage Guidelines
If You Need Assistance
Warranty
Setting up the Projector

Connecting a Computer
Connecting a Video Player
Powering up the Projector and Adjusting the Image
Turning Off the Projector
Using the Projector
Basic Image Adjustment
Using the Remote Control
Adjusting the Projector
Using the Keypad and Remote Buttons
Using the On-Screen Menus
Display Menu
Audio Menu
Image Menu
Controls Menu
Language Menu
Status Menu
Maintenance & Troubleshooting
Cleaning the Lens
Replacing the Projection Lamp
Replacing the Batteries in the Remote Control
Using the Security Lock
Troubleshooting
iii
1
1
1
1
3
4
4
5
7
9
11
12

ManualsLib.com

13
13
13
15
16
18
19
20
21
24
26
26
29
29
29
32
32
33
i

Next Page

1
2
3
4
5

Troubleshooting

Maintenance & Troubleshooting 33

Troubleshooting 37

Related Manuals for Toshiba TDP-P3-US

Projector Toshiba TDP-P3-US Quick Start Manual

Quick start guide (2 pages)

Projector Toshiba TDP-P75 Owner's Manual

Toshiba owner's manual data projector tdp-p75 (45 pages)

Projector Toshiba TDP-PX10U Owner's Manual

Data projector (52 pages)

Projector Toshiba TDP-P9 Owner's Manual

Toshiba data projector owner's manual (52 pages)

Projector Toshiba TDP-B1-US Owner's Manual

Owners manual (52 pages)

Projector Toshiba TDP-P9 Service Manual

(48 pages)

Projector Toshiba TDP-P7 Owner's Manual

Toshiba data projector owner's manual tdp-p7 (64 pages)

Projector Toshiba TDP-P7U Owner's Manual

User guide 2 (69 pages)

Projector Toshiba TDP-P5 Service Manual

(84 pages)

Projector Toshiba TDP-P8 User Manual

User manual (42 pages)

Projector Toshiba TDP-P6 Manual De L'utilisateur

Toshiba projection television user manual (38 pages)

Projector Toshiba TDP-P6 User Manual

Toshiba tdp-p6 digital projector user's guide (40 pages)

Projector Toshiba TDP-P6 Manual

(75 pages)

Projector Toshiba TDP-P4 User Manual

Toshiba tdp-p4 digital projector user's guide (51 pages)

Projector Toshiba TDP-P4 Service Manual

Dlp data projector (100 pages)

Projector Toshiba TDP-PX10 Owner's Manual

Toshiba data projector owner's manual (52 pages)

Summary of Contents for Toshiba TDP-P3-US

Page 1: Table Of Contents

TABLE OF CONTENTS Safety Instructions Introduction Image Resolution Compatibility Unpacking the Projector Usage Guidelines If You Need Assistance Warranty Setting up the Projector Connecting a Computer Connecting a Video Player Powering up the Projector and Adjusting the Image Turning Off the Projector Using the Projector Basic Image Adjustment Using the Remote

Control...

Page 2 Appendix Specifications Accessories Portable Computer Activation Chart Using Video Mirroring with a PowerBook Computer Projected Image Size Index...

Page 3: Safety Instructions

SAFETY INSTRUCTIONS Please read and follow all safety instructions provided BEFORE using your new projector. Failure to comply with safety instruc- tions may result in fire, electrical shock, or personal injury and may damage or impair protection provided by equipment. Please save all safety instructions.

Page 4 • sunlight. Caution: Do not drop the projector. Transport the projector in a • vendor-approved case; refer to your Toshiba dealer or for more information. projectors.toshiba.com Important Operating Considerations Do not place the projector on a tablecloth or other soft covering that may block the vents.

Page 5: Introduction

INTRODUCTION The Toshiba TDP-P3 is specifically designed for the mobile pre- senter. It packs XGA 1024x768 graphics with 16.7 million colors into a small, 4.8 pound package. It generates crisp, clear images using Digital Light Processing™ (DLP) technology, and features an M1-DA connector for easy, built-in digital/analog and USB connectivity.

Page 6 NOTE: The contents of your shipping box may vary depending on the projector configuration you've ordered. IGURE Shipping box contents TDP-P3 projector + lens cap M1-DA analog computer cable Soft carry case Macintosh adaptor User's Guide and quick start Audio cable card Power cord Composite video cable...

Page 7: Usage Guidelines

Avoid leaving the projector in direct sunlight or extreme cold • for extended periods of time. If this happens, allow it to reach room temperature before use. Transport the projector in a vendor-approved hard or soft case; • refer to your Toshiba dealer or for more projectors.toshiba.com information.

Page 8: If You Need Assistance

This product is backed by a limited two-year warranty. The details of the warranty are printed at the back of this manual. A longer term warranty can be purchased from your Toshiba dealer. Refer to your Toshiba dealer or for more support.toshiba.com...

Page 9: Setting Up The Projector

SETTING UP THE PROJECTOR 1 Place the projector on a flat surface. The projector must be within 10 feet (3 m) of your power • source and within 6 feet (1.8 m) of your computer. If you want to project from behind a translucent screen, set •...

Page 10 NOTE: Before you continue, make sure the projector is unplugged and your equipment is turned off. If you' r e connecting a computer, make sure the distance between it and the projector is 6 feet or less. composite M1-DA S-video video data interface Audio in...

Page 11: Connecting A Computer

M1-DA analog computer cable computers are listed in the Appen- USB mouse dix of this manual on page 40 or IGURE visit support.toshiba.com for more Connecting the projector to a computer information. NOTE: If you are connecting an older Macintosh computer that...

Page 12 Do you want to control the computer's mouse from the projector's remote or keypad? 1 Plug the end of the M1-DA analog computer cable into the mouse connector on your computer. NOTE: The USB mouse is supported for use with Windows 98, Windows 2000, and Do you want to play your computer's audio on the projector? Apple OS 8.5 and higher only.

Page 13: Connecting A Video Player

Connecting a Video Player 1 If your video player uses a round, one-prong composite video connector, you'll need only the audio cable, audio adapter, and composite video cable that

shipped with the projector. If your video player uses a round, four-prong S-video con- •...

Page 14 audio S-video adapter cable audio cable IGURE Connecting the projector to a video player using an S-video cable and the audio cable and adapter 4 Plug the audio adapter's white connector into the left "audio out" connector on your video player. Plug the adapter's red NOTE: The audio adapter is connector into the right "audio out"...

Page 15: Powering Up The Projector And Adjusting The Image

Powering up the Projector and Adjusting the Image 1 Remove the lens cap. NOTE: Always use the power cord 2 Plug the power cord into the side of the projector, then plug it into your electrical outlet. A surge-protected power strip is that shipped with the projector.

Page 16: Turning Off The Projector

Turning Off the Projector If you want to turn off the projector for a short period of time, press the button on the keypad or remote. This blanks the standby screen for fifteen minutes, but keeps the projector running. (You can change the amount of time the projector stays in standby mode;...

Page 17: Using The Projector

USING THE PROJECTOR This section describes how to use and make adjustments to the projector. It also provides a reference to the keypad and remote buttons and the options available from the on-screen menus. Basic Image Adjustment 1 Make sure you have powered up your equipment in the right order (page 11).

Page 18 disk mouse right mouse button left mouse button (on underside of remote) IGURE Remote control Press anywhere on the edge of the disk mouse to move the cursor on the screen. You can move the cursor at any angle by pressing NOTE: If the remote is inactive the corresponding edge of the disk.

Page 19: Adjusting The Projector

Adjusting the Projector To focus the image, rotate the focus ring (Figure 10) until the image is clear. To zoom the image, rotate the zoom ring. This adjusts the image size without affecting focus. zoom ring focus ring IGURE Focus ring and zoom ring The projector is equipped with a self-locking, quick-release eleva- tor foot and button (Figure 11).

Page 20: Using The Keypad And Remote Buttons

Using the Keypad and Remote Buttons While the menus are displayed, the volume, source, and standby buttons on the keypad act as menu navigation buttons. See "Using the On-Screen Menus" on page 18 for details. lamp LED IGURE Keypad and remote buttons Lamp on/off (keypad only) Press the button to turn the lamp on or off.

Page 21 Standby When you press , the display and audio turn off and a standby blank screen is displayed for 15 minutes. You can change the amount of time the projector stays in standby mode; see "Standby Time" on page 24 for details. If you press again within 15 minutes, the projector •...

Page 22: Using The On-Screen Menus

Using the On-Screen Menus The projector has six drop-down menus that allow you to make image adjustments and change a variety of settings. Most of these adjustments aren't available directly from the keypad. To open the on-screen menus, press the button on the menu keypad or remote.

Page 23: Display Menu

Display Menu Display Audio Image Controls Language Status > > Brightness Contrast Tint Color Sharpness Blank screen blue Reset all IGURE Display menu Brightness Adjusting the brightness changes the intensity of the image. Press the left navigation button to darken the image. •...

Page 24: Audio Menu

Color The color setting adjusts a video image from black and white to fully saturated color. Press the left mouse button to decrease the amount of color in • the image. Press the right

mouse button to increase the amount of color in •...

Page 25: Image Menu

Image Menu Display Audio Image Controls Language Status > > Keystone Overscan Auto image Resize Manual sync Manual tracking Horizontal position Vertical position IGURE Image menu Keystone This option helps to keep the image square as the angle of projec- tion is changed.

Page 26 For video sources, allows you to select from among four Resize different re-sizing options. The default is , which resizes Standard the image from its original version to fit a standard 4x3 aspect ratio screen. preserves the 16x9 aspect ratio Widescreen Letterbox of the original theater version, but the image is placed in a 4x3 space, so black bars appear at the top and bottom of the image.

Page 27 Horizontal position Follow these steps to manually adjust the horizontal position: 1 Turn Auto Image off. 2 Highlight Horizontal position, then press the left navigation button to move the image right or press the right navigation button to move the image left. Positioning adjustments are saved when you power off the pro- jector.

Page 28: Controls Menu

Controls Menu IGURE Controls menu Video Standard When Video standard is set to Auto, the projector attempts to pick the video standard (NTSC, NTSC 4.43, PAL, PAL-M, PAL-N, NOTE: If you already know the PAL-60, or SECAM) automatically based on the input signal it video standard used in your receives.

Page 29 Default Source Default Source toggles among Computer analog, Computer digi- tal, and Video. This determines which source the projector checks first for active video during power-up. Highlight Default Source and click the left or right navigation button to toggle among the options.

Page 30: Language Menu

Language Menu IGURE Language menu You can display the on-screen menus in English, French, German, Spanish, Chinese or Japanese. Move the cursor to the language you want, then click the left or • right navigation button. The menus redraw immediately. Status Menu This is a read-only window for informational purposes.

Page 31 Lamp hours used Indicates how many hours the current lamp has been in use. The counter starts at zero hours and counts each hour the lamp is in use. Change the bulb when the brightness is no longer accept- able. See “Replacing the Projection Lamp” on page 29 for details. Computer resolution Shows your computer’s resolution setting.

Page 33: Maintenance & Troubleshooting

WARNING: To avoid burns, brightness is no longer acceptable. You can order new lamp mod- allow the projector to cool for at ules from your Toshiba dealer. See “Accessories” on page 38 for least 30 minutes before you open information.

Page 34 & 4 Pull the lamp door up and remove it. WARNING: Be extremely careful when removing the lamp module. In the unlikely event that the bulb ruptures, small glass fragments may be generated. The lamp module is designed to contain these fragments, but use caution when removing the lamp module.

Page 35 6 Lift and grasp the pull tab and lift the module out (Figure 22). Dispose of the lamp module in an environmentally proper manner. pull tab IGURE Removing the lamp module 7 Install the new lamp module, being sure to align the connec- tors properly.

Page 36: Replacing The Batteries In The Remote Control

& Replacing the Batteries in the Remote Control The life of the batteries depends on how often and how long you use the remote. Symptoms of low battery charge include erratic responses when using the remote and a reduced range of opera- tion.

Page 37: Troubleshooting

Troubleshooting Problem: Nothing on projection screen Make sure that the power cord is properly connected to a fully • functional AC electrical outlet. Make sure that the power cord is

also properly connected to the projector. If the projector is plugged into a power strip, make sure the •...

Page 38 & You might need to turn everything off and power up the • equipment again in the proper order. Refer to your com- puter's documentation to determine the correct order. Make sure your computer's external video port is turned on. •...

Page 39 Problem: Image is out of focus Turn the projection lens to focus the image. • Make sure the projection screen is at least 5 feet (1.5 m) from • the projector. Check the projection lens to see if it needs cleaning. •...

Page 40 Toshiba's Service and Support website at support.toshiba.com. Before calling your dealer or Toshiba toll-free customer service and technical support for assistance, please have the following information available: the projector's serial number •...

Page 41: Appendix

APPENDIX Specifications The TDP-P3 must be operated and stored within the temperature and humidity ranges specified. Temperature ° ° Operating 50 to 104 F (10 to 40 ° ° Non-operating -4 to 158 F (-20 to 70 Humidity Operating and non-oper. 5% to 95% relative humidity, non-condensing Dimensions 8.75 x 9.75 x 2.5 inches (22.2 x 24.8 x 6.4 cm)

Page 42: Accessories

Macintosh Adaptor Executive Plus Remote Projection Lamp Module Lens Cap Power Cords (one ships with projector, type depends on country) NOTE: Use only Toshiba- approved accessories. Other North American Power Cord products have not been tested with Australian Power Cord UK Power Cord the projector.

Page 43 Optional Accessories NOTE: You can purchase these Deluxe Carry Case items by contacting your dealer or Shipping Case (ATA approved) visiting Toshiba's website at Deluxe Travel Case M1-DA Digital Computer Cable projectors.toshiba.com. Full-Feature Laser Pro Remote Control GyroMouse RF Remote (US, Mexico, Canada, UK...

Page 44: Portable Computer Activation Chart

Activation commands NOTE: Visit our website at for some computers are listed in the following table. (If your com- projectors.toshiba.com for the puter is not listed or the given command does not work, refer to most current activation chart.

Page 45 Key command to Key command to Computer activate port de-activate port Bondwell LCD or CRT options after reboot for LCD or CRT bootup options to appear Chaplet** setup screen setup screen FN-F6 FN-F6 FN-F4 FN-F4 Chembook FN-F6 FN-F6 Commax Ctrl-Alt-#6 Ctrl-Alt-#5 Compaq* ** Ctrl-Alt-<...

Page 46 Key command to Key command to Computer activate port de-activate port Gateway FN-F3 FN-F3 FN-F1/FN-F1 again simul- FN-F1 taneous Grid* ** FN-F2, choose auto or FN-F2 simultaneous Ctrl-Alt-Tab Ctrl-Alt-Tab Hitachi FN-F7 FN-F7 Honeywell FN-F10 FN-F10 Hyundai setup screen option setup screen option IBM 970* automatic warm reboot...

Page 47 Tangent FN-F5 FN-F5 Texas Instru- setup screen option setup screen option ments* Top-Link* ** setup screen option setup screen option FN-F6 FN-F6 Toshiba* ** Ctrl-Alt-End Ctrl-Alt-Home FN-End FN-Home FN-F5 FN-F5 setup screen option setup screen option Twinhead* FN-F7 FN-F7 FN-F5...

Page 48 Key command to Key command to Computer activate port de-activate port Wyse software driven software driven Zenith** FN-F10 FN-F10 FN-F2 FN-F2 FN-F1 FN-F1 Zeos** Ctrl-Shift-D Ctrl-Shift-D FN-F1 FN-F1 * These manufacturers have models that automatically send video to the external CRT port when some type of display device is attached.

Page 49: Using Video Mirroring With A Powerbook Computer

Using Video Mirroring with a PowerBook Computer When you turn video mirroring (called SimulScan in newer Pow- erBooks—see below) on, the projector displays the same informa- tion that appears on your PowerBook's built-in screen. When video mirroring is off, the projector acts like a separate display. To turn on video mirroring for the first time: 1 Open the Monitors control

panel;...

Page 50: Projected Image Size

Projected Image Size NOTE: Use the graph and tables to help you determine projected image sizes. IGURE Projected image size Table 1: Image Size, Width and Height-maximum image size Distance to Diagonal Width Height Screen (feet) (feet) (feet) (feet) 10.4 13.0 10.4 19.5...

Page 51: Index

INDEX cables audio 8 composite video 9 accessories, ordering 38, 39 M1-DA analog computer cable 2, activation commands for portable 6, 7 computers 40 ordering 38 adjusting power 38 brightness 19 S-video 9, 39 color 20 cases, ordering 38 contrast 19 cleaning the projection lens 29 tint 19 color, adjusting 20...

Page 52 Default Source 25 IBM-compatible computers Display menu 19 compatibility 1 Display menu options connecting 7 Blank Screen 20 image Brightness 19 adjusting 11, 13 Color 20 centering 23 Contrast 19 colors don’t match computer’s 36 Reset All 20 focusing 15 Tint 19 fuzzy lines 22 Display Messages 25...

Page 53 lamp PAL video 19, 24 ordering 38 Plug and Play 25 replacing 29 portable computers turns off unexpectedly 36 activation sequence to allow lamp hour counter 27 secondary display 40 Lamp on/off button 16 compatibility 7 Language menu 26 connecting IBM-compatible 7 language, selecting for menus 26 power cord lens...

Page 54 TDP-P3 vertical lines displayed 22, 35 cases 38 video 19 project from behind the screen 24 video mirroring on a PowerBook 45 setting up 5 video resizing 21 specifications 37 video standards 24 turning off 12 Volume buttons 17 turning on 11 volume, adjusting 17, 20 Technical Support information to have on hand...

Page 55 Toshiba’s liability for the breach of the foregoing limited warranty is limited to the repair or replacement of the Prod- uct or refund of the purchase price of the Product, at Toshiba’s sole option. During the warranty period, Toshiba will, at no additional charge to you, repair or replace defective parts with new or reconditioned parts at its option.

Page 56 Part Number 010-0242-00...

Page 57 FCC Warning This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

Page 58 Declaration of Conformity Manufacturer: Toshiba 1-1, Shibaura 1-Chome, Minato-ku, Tokyo, Japan We declare under our sole responsibility that the TDP-P3 Projector conforms to the following directives and norms: Directive 89/336/EEC, Amended by 93/68/EEC EMI: EN 55022 (1992) Class A EMC: EN 50082-1 (1992)

This manual is also suitable for:

Tdp-b3Tdp-p3