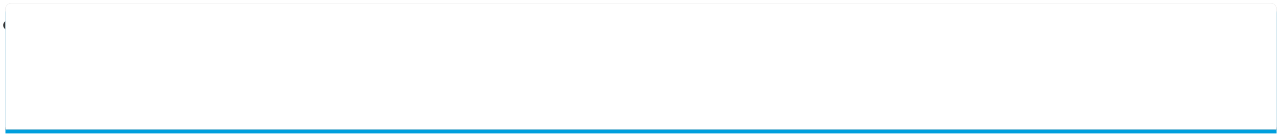
Toshiba PA3686U-1SET dynadock wireless User Manual

Pa3686u-1set dynadock wireless user's guide

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

68
69
70
71
72
73
74
75
76



-

Table of Contents

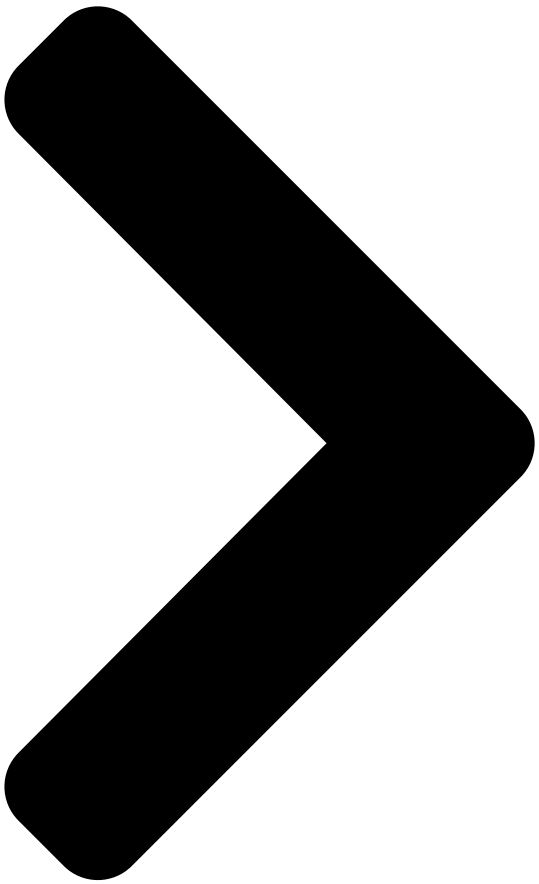
-

Troubleshooting

Bookmarks

Quick Links

Download this manual



dynadock™ wireless U

TOSHIBA

Leading Innovation

User's Manual

Table of Contents

Next Page

1
2
3
4
5

Related Manuals for Toshiba PA3686U-1SET dynadock wireless

Docking Station Toshiba PA3686U-1SET Specifications

Toshiba dynadock u, universal usb docking station with video (2 pages)

Laptop Accessories Toshiba PA3477U-1B Installation Manual

Bluetooth module installation (38 pages)

Laptop Accessories Toshiba PA3314U User Manual

Pa3314u user's guide (48 pages)

Laptop Accessories Toshiba PA3541U-2PRP dynadock VGA User Manual

Pa3541u-2prp dynadock vga user's guide (230 pages)

Laptop Accessories Toshiba Multimedia Center Quick Start

Audio/usb hub (1 page)

Laptop Accessories Toshiba Hi-Speed Port Replicator III User Manual

(63 pages)

Summary of Contents for Toshiba PA3686U-1SET dynadock wireless

Page 1 dynadock™ wireless U User’s Manual GMAA00165010 07/09...

Page 2: Safety Icons

Safety icons This manual contains safety instructions that must be observed to avoid potential hazards that could result in personal injuries, damage to your equipment, or loss of data. These safety cautions have been classified according to the seriousness of the risk, and icons highlight these instructions as follows: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

Page 3: Safety Instructions

Safety instructions Always read the safety instructions carefully: Do not disassemble, modify, tamper with or repair the product ❖ Do not attempt to disassemble, modify, tamper with or repair the product (including the AC adaptor). Disassembly, modification, tampering or repairing the product could cause fire or electric shock, possibly resulting in serious injury.

Page 4 ❖ Always use the TOSHIBA AC adaptor that may have been provided with your product, or use AC adaptors specified by TOSHIBA to avoid any risk of fire or other damage to the product. Use of an incompatible AC adaptor could cause fire or damage to the product, possibly resulting in serious injury.

Page 5: Fcc Information

Never place your product in locations with excess heat ❖ Never place your product where it will be exposed to excess heat, such as in direct sunlight, in an unventilated vehicle or near a heater. This may result in a system failure, malfunction, loss of data or damage to the product.

Page 6: Fcc Conditions

UWB device must cease transmitting. Changes or modifications made to this equipment not expressly approved by Toshiba or parties authorized by Toshiba could void the user's authority to operate the device under the FCC Equipment Authorization. This includes changes or substitutions of the antennas which are furnished with the device.

Page 7: Copyright Statement

Copyright statement This guide is copyrighted by Toshiba Corporation with all rights reserved. Under the copyright laws, this guide cannot be reproduced in any form without the prior written permission of Toshiba. No patent liability is assumed, however, with respect to the use of the information contained herein.

Page 8 Trademarks dynadock is a trademark of Toshiba Corporation. Adobe and Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries. AMD, AMD K6, Athlon and Duron are registered trademarks or trademarks of Advanced Micro Devices Incorporated.

Page 9: Table Of Contents

Contents Safety icons ...2 Safety instructions ...3 FCC information ...5 Introduction... 12 Overview ...13 Features ...13 Quick Tour ...14 Front view ...14 Back view...16 Top view ...18 Package contents...18 Computer requirements ...19 Chapter 1: Setting Up the dynadock™ and Connecting Peripherals...

Page 10 The background utility ...37 Using the Wireless USB Manager ...37 Using the TOSHIBA dynadock Utility...42 Using the USB Multi-Channel Audio Using the TOSHIBA Video Dock Utility...45 Uninstalling the software ...47 Adjusting video settings...47 Selecting Extended mode or Mirror mode ...47 Supported display modes ...49...

Page 11 Troubleshooting...59 Power ...60 Display/Video ...61 Audio/sound ...65 Connection/Docking...66 Network ...67 USB...68 Other...69 Toshiba Support ...69 Before you call ...69 Contacting Toshiba ...69 Toshiba's technical support Web site...69 Toshiba voice contact ...70 Chapter 4: Specifications... 71 Specifications ...71 Index... 73 Contents...

Page 12: Introduction

USB cable to just about ® any Windows -based computer. The wireless function uses UWB (ultra-wide band) radio technology. Keep your dynadock™ up-to-date with the latest technological advances: visit pcsupport.toshiba.com periodically to obtain software driver and support updates.

Page 13: Overview

Hot-swappable: add or remove most devices without rebooting the computer ❖ Virtual 7.1 channel digital surround sound ❖ Includes TOSHIBA dynadock Utility for customizing dynadock™ settings ❖ Charges your USB peripherals with the front powered USB ports even when the connected computer is off ❖...

Page 14: Quick Tour

Introduction Quick Tour Quick Tour This section identifies the various components of the dynadock™ wireless U. For a description of each component, please refer to the table beneath each illustration. Front view (Sample Illustration) Lights and connectors on the front of the dynadock™...

Page 15 Component Power light Indicator light Powered USB 2.0 ports (USB Sleep and Charge ports) Microphone jack Headphone jack Introduction Quick Tour Description Glows blue when power is being supplied from the AC adaptor. Indicates the status of docking, undocking, and charging functions as follows: Flashing green: Docking is in process.

Page 16: Back View

Introduction Quick Tour Back view (Sample Illustration) Connections on the back of the dynadock™ Antennas Antenna switch Line out (Headphones, Speakers) S/PDIF port Network port USB 2.0 ports DVI-I video port Mini USB jack Security Lock Slot DC-IN...

Page 17 Component Antennas Antenna switch Line out (Headphones, Speakers) 0ptical S/PDIF digital audio output port Network port USB 2.0 ports DVI-I video port Mini USB jack Security lock slot DC-IN Introduction Quick Tour Description Send and receive wireless signals to/from the connected computer.

Page 18: Top View

Introduction Package contents Top view (Sample Illustration) The top of the dynadock™ Component Dock/Undock button Package contents Check to make sure you have all of the following items: ❖ dynadock™ wireless U docking station ❖ Base ❖ USB 2.0 cable ❖...

Page 19: Computer Requirements

NOTE When Windows drivers for the dynadock™ wireless U will be available for download from Toshiba's Web site at pcsupport.toshiba.com. Click the Download link, and then search for your product (part number: PA3686U). *Required for wireless communication between the dynadock™ and your computer.

Page 20: Peripherals

Chapter 1 Setting Up the dynadock™ and Connecting Peripherals Setting up the dynadock™ This section provides instructions on setting up the dynadock™. You will need to perform the following steps in the order shown: Assemble the dynadock™ Connect the power adaptor Install the software Connect the dynadock™...

Page 21: Connect The Power Adaptor

Setting Up the dynadock™ and Connecting Peripherals Connect the power adaptor Plug the AC adaptor cord/cable into the DC-IN on the back of the dynadock™. (Sample Illustration) Connecting the AC adaptor cord to the dynadock™ Connect the power cord/cable to the AC adaptor, and then connect the power plug to a live electrical outlet.

Page 22

Setting Up the dynadock™ and Connecting Peripherals Setting up the dynadock™ NOTE You may need to temporarily disable anti-spyware or anti-virus programs while installing the software. It is also recommended that all other applications are closed, as you will need to restart your computer after the software is installed.

Page 23

Restart your computer when prompted. For more information on the dynadock™ software, see dynadock™ software" page Setting up the dynadock™ Driver Name Wireless USB Manager dynadock Utility II AX88772A & AX88772 USB Multi-Channel Audio Device TOSHIBA Video Dock Utility (DisplayLink Core software) "Using the...

Page 24: Connect The Dynadock™ To Your Computer

Wireless USB adaptor (included with certain models) or a computer with integrated Certified Wireless USB functionality. If you are not using a Toshiba adaptor or if your computer has integrated Certified Wireless USB functionality, please refer to the documentation provided with your adaptor or computer for instructions on setting up a wireless connection, instead of following the steps below.

Page 25

Setting Up the dynadock™ and Connecting Peripherals (Sample Illustration) Wireless communication enabled Make sure your computer is turned on. Connect a Certified Wireless USB adaptor (included with certain models) to your computer and place the adaptor's antenna in an upright position. NOTE Restarting may take longer than usual if the computer's operating system is configured to create a system restore point after a new...

Page 26

Setting Up the dynadock™ and Connecting Peripherals Setting up the dynadock™ (Sample Illustration) Connecting the USB cable to the Mini USB port Plug the other end of the USB cable into an available USB 2.0 port on your computer. (Sample Illustration) Connecting the USB cable to your computer The Wireless USB Manager opens automatically on your computer screen.

Page 27

Setting Up the dynadock™ and Connecting Peripherals After successfully completing the association, remove the USB cable connecting the computer to the dynadock™. After a few moments, a wireless connection is established and a message displays on your computer screen asking if you want to dock your computer.

Page 28: Connecting Your Peripherals

Setting Up the dynadock™ and Connecting Peripherals Connecting your peripherals Set up a USB cable connection Move the switch on the back of the dynadock™ to the USB] position. Connect the provided USB cable to the Mini USB port on the back of the dynadock™.

Page 29: Connecting A Monitor

This can happen if the monitor does not report its supported modes to the dynadock's DVI component. Adjust the resolution of the external monitor until an image is shown. For more information, see "Using the TOSHIBA Video Dock Utility" page Connecting your peripherals ®...

Page 30: Connecting Audio Devices

Setting Up the dynadock™ and Connecting Peripherals Connecting your peripherals You can customize the video settings of the dynadock™. See "Adjusting video settings" page 47 Connecting audio devices The dynadock™ provides four audio ports, as shown in the following illustrations. Front (Sample Illustration) dynadock™...

Page 31: Connecting Usb Devices

Setting Up the dynadock™ and Connecting Peripherals When your computer is docked, the audio ports on the computer are automatically disabled and the audio ports on the dynadock™ are automatically enabled. In most cases, simply connect your audio device to the appropriate port on the dynadock™ and the port is ready to use.

Page 32

Setting Up the dynadock™ and Connecting Peripherals Connecting your peripherals NOTE If you want to charge your USB device when the computer connected to the dynadock™ is off or when there is no computer connected to the dynadock™, be sure to connect your device to one of the powered USB ports on the front of the dynadock™.

Page 33: Chapter 2: Using The Dynadock™ And Adjusting Settings

❖ Use the button on the top of the dynadock™, or ❖ Use the TOSHIBA dynadock Utility. NOTE If you are using a wireless USB adaptor, you can leave the adaptor connected to the computer after undocking. However, be careful not...

Page 34: Undocking Via The Undock Button

USB cable if you are using one. Undocking via the utility Follow the steps below to undock your computer through the TOSHIBA dynadock Utility: Right-click the TOSHIBA dynadock Utility icon in the System tray/Notification Area of your Windows (Sample Image) TOSHIBA dynadock Utility icon NOTE If the icon is not visible in your System tray/Notification Area, make sure the dynadock™...

Page 35: Undocking And Placing The Computer Into Sleep Mode

(for example, while moving the computer). Undocking and placing the computer into Sleep mode Use the Eject and Sleep option of the TOSHIBA dynadock Utility to quickly stop all communications with external devices and place the computer into Sleep mode.

Page 36: Re-Connecting And Docking Your Computer

Using the dynadock™ and Adjusting Settings Re-connecting and docking your computer (Sample Image) The Eject and Sleep command Wait before disconnecting the dynadock™ from the computer. (Sample Image) Undocking in progress When the computer is undocked, the dynadock Utility icon no longer appears in the System tray/Notification Area.

Page 37: Using The Dynadock™ Software

Do not turn off the utility as it is required for proper operation of the dynadock™. Using the Wireless USB Manager The Wireless USB Manager is the driver software for the Toshiba Certified Wireless USB adaptor (included with certain models). This driver is automatically installed when you run the dynadock Installation CD (see information).

Page 38

Using the dynadock™ and Adjusting Settings Using the dynadock™ software NOTE If you are using a non-Toshiba Certified Wireless USB adaptor or a Certified Wireless USB radio built into your computer to communicate with the dynadock™, you may need to use the driver provided with your wireless USB host module instead of the driver provided with the dynadock™...

Page 39

Using the dynadock™ and Adjusting Settings Changing the Connection Rules The Connection Rules tab of the Wireless USB Manager allows you to change the default association behavior of the host radio. The following options are provided: ❖ Require my permission (default): Each time you connect a compatible wireless USB device to your computer with a USB

cable, the Wireless USB Manager will prompt you to allow or reject an association.

Page 40 Using the dynadock™ and Adjusting Settings Using the dynadock™ software NOTE If you permanently remove the device, you will not be able to connect to that particular device again until the device has been re-associated. To re-associate the device, follow the instructions in the section Disable/Enable pop-up messages The Options tab of the Wireless USB Manager enables you to...

Page 41 To uninstall the Wireless USB Manager and the Wireless USB Host and Device Drivers, do the following: ❖ To uninstall the Wireless USB Manager and Host Driver: Click Start, Programs, Toshiba, Wireless USB, and then Uninstall. Follow the onscreen instructions to complete the uninstall. ❖...

Page 42: Using The Toshiba Dynadock Utility

The TOSHIBA dynadock Utility provides options for changing default settings, undocking, configuring audio ports, and more. Accessing the TOSHIBA dynadock Utility Click the TOSHIBA dynadock Utility icon for quick access to the options listed in the table below. (Sample Image) TOSHIBA dynadock Utility icon...

Page 43 Using the dynadock™ and Adjusting Settings NOTE If the TOSHIBA dynadock Utility icon is not visible in your System tray/Notification Area, make sure the dynadock™ is connected and docked, and then click the Show Hidden Icons button [necessary, to display hidden icons.

Page 44 TOSHIBA recommends that you do not turn off this warning message. A message will also display to notify you when undocking is complete and it is safe to disconnect your computer from the dynadock™.

Page 45: Using The Usb Multi-Channel Audio Device Utility

52 page Using the TOSHIBA Video Dock Utility Use the TOSHIBA Video Dock Utility to adjust the settings for the monitor connected to the dynadock™. With this utility, you can select Mirror mode or Extended mode, and select screen resolution, color quality, and refresh rates.

Page 46 Using the dynadock™ and Adjusting Settings Using the dynadock™ software NOTE If the icon is not visible in your System tray/Notification Area, make sure the dynadock™ is connected and docked, and then click the Show Hidden Icons button [icons. Select one of the following options from the menu: Option Screen Resolution...

Page 47: Uninstalling The Software

Follow the on-screen directions to finish the uninstall. Adjusting video settings For a basic overview of the video setting options, please see the TOSHIBA Video Dock Utility” on page information on adjusting the video settings for a monitor connected to the dynadock™, read this section.

Page 48 Extended mode, connect an external monitor to the dynadock™ as described in the section then follow the steps below: Right-click the TOSHIBA Video Dock icon in the System tray/Notification Area of your Windows (Sample Image) TOSHIBA Video Dock icon NOTE If the icon is not visible in your System tray/Notification Area, make sure the dynadock™...

Page 49: Supported Display Modes

Using the dynadock™ and Adjusting Settings Supported display modes Three components make up the display mode: resolution, color depth, and refresh rate. These components are defined as follows. ❖ Resolution: In common usage, the resolution is the number of pixels displayed on the screen horizontally and vertically. ❖...

Page 50: Adjusting Audio Settings

Configuring audio playback ports Click the TOSHIBA dynadock Utility icon in the System tray/Notification Area of your Windows (Sample Image) TOSHIBA dynadock Utility icon ®...

Page 51 You may need to restart your media player for the audio changes to take effect. Configuring audio recording ports (Microphone) Click the TOSHIBA dynadock Utility icon in the System tray/Notification Area of your Windows (Sample Image) TOSHIBA dynadock Utility icon...

Page 52: Enhancing Sound Quality

Using the dynadock™ and Adjusting Settings Adjusting audio settings ❖ To use the docked computer's Microphone jack, select a different recording device (other than USB Multi-Channel Audio Device). Click Set Default. Click OK. Connect your microphone to the jack you enabled in step 3. Enhancing sound quality With the included software, you can experience 7.1-channel virtual surround sound through two-channel speakers or headphones...

Page 53

Using the dynadock™ and Adjusting Settings (Sample Image) The USB Multi-Channel Audio Device Utility In the Analog Output section of the dialog box, select one of the following: ❖ Headphone or [step 1. ❖ 2 Speakers, if you connected speakers in step 1. In the DSP Mode section of the dialog box, click the 7.1 Virtual Speaker Shifter button.

Page 54

Using the dynadock™ and Adjusting Settings Adjusting audio settings The Speaker Shifter controls display. Use the Shifter controls to adjust your virtual speaker settings, as indicated in the table below. The listener (top view) (Sample Image) Shifter Controls NOTE The dialog box shows the location of the virtual speakers relative to the listener, depicted in the center.

Page 55: Enabling Digital S/Pdif Output

Using the dynadock™ and Adjusting Settings Control(s) Click to: Reset Click the Advanced Settings button next to DSP Mode to close the Shifter controls and return to the basic controls screen. Adjust other settings, if desired, to suit your sound preferences. Click OK to close the dialog box.

Page 56: Charging Usb Devices

Charge mode is enabled by default. See dynadock Utility” on page 42 NOTE Some USB devices may not support this feature.], if necessary, to display hidden “Using the TOSHIBA to enable/disable Charge mode. ® desktop.

Page 57: Using Standby/Sleep/Hibernation Modes With The Dynadock

Using the dynadock™ and Adjusting Settings Using standby/sleep/hibernation modes with the dynadock™ To charge a device when the dynadock™ is disconnected or the connected computer is off: Make sure the dynadock's AC adaptor is connected to an electrical outlet. Connect the device you want to charge to one of the dynadock's front USB ports.

Page 58: Securing The Dynadock

Using the dynadock™ and Adjusting Settings Securing the dynadock™ Securing the dynadock™ The security lock slot enables you to connect a security cable (not provided) to help prevent unauthorized removal of the dynadock™. Follow these steps to secure your dynadock™: Attach your security cable (purchased separately) to a desk or other large object, following the instructions included with your security cable.

Page 59: Chapter 3: Troubleshooting And Support

If you need to contact Toshiba, you will find information regarding Toshiba’s support services at the end of this section. Before you contact Toshiba, please read the troubleshooting advice in this manual, in your computer’s user’s guide and/or in any...

Page 60: Power

Troubleshooting and Support Troubleshooting NOTE Due to USB bandwidth limitations, you may notice performance issues if you are performing several resource-intensive tasks simultaneously (such as playing audio over more than two channels while simultaneously recording audio, transferring large files and using a high-definition web camera).

Page 61: Display/Video

Refer also to the computer user’ s manual and to the external monitor’s documentation. Try adjusting the resolution, contrast and or brightness controls on the external monitor. Make sure the external display is not set to Off in the TOSHIBA Video Dock Utility. For more information, see TOSHIBA Video Dock Utility.

Page 62

Solution(s) The Fn + F5 and Fn + Space hot key functionality detailed in your Toshiba computer User's Guide controls the video controller for the computer's built-in display

and your computer's video port. These hot keys cannot be used to control an external display connected via the dynadock™.

Page 63 Troubleshooting Solution(s) Some versions of ATI Catalyst Control Center are not supported by the dynadock™. Use Windows Properties and the Toshiba Video Dock utility instead to control your display(s). The monitor name displayed in the Windows ® is controlled by Windows .This designation will not affect the...

Page 64 Settings tab to match the physical arrangement of your monitors. In the Toshiba Video Dock utility, make sure the "Extend to" setting matches the physical arrangement of your monitors. For example, if the external monitor is to the right of the computer display, select "Extend to right."...

Page 65: Audio/Sound

Audio/sound Problem(s) There is no sound coming from the external audio device connected to the dynadock™. There is no sound coming from the computer's internal speakers, or from the headphones/headset connected directly to the docked computer. No sound outputs from the dynadock™...

Page 66: Connection/Docking

Troubleshooting and Support Troubleshooting Problem(s) Sound is distorted or delayed when playing some multimedia files. Connection/Docking Problem(s) My computer does not automatically detect the Certified Wireless USB adaptor. What is the difference between connecting and docking? I cannot get the computer to connect and dock (the indicator light does not turn solid green).

Page 67: Network

Make sure the dynadock™ is connected to your computer (wirelessly or with a USB cable) and the computer is docked (indicator light on dynadock™ is green). If the problem is related to the dynadock™ hardware, see the “Toshiba Support” on page “Connecting to a...

Page 68: Usb

Troubleshooting and Support Troubleshooting Problem(s) USB device does not work. A USB device(s) connected to the dynadock™ does not work after resumption from standby/sleep/hibernation or restart. Yellow exclamation points appear in the Windows Device Manager next to one or more of the connected USB devices.

Page 69: Other

Toshiba’s technical support Web site For technical support, or to stay current on the most recent software and hardware options for your dynadock™ and for other product information, be sure to regularly check the Toshiba Web site at pcsupport.toshiba.com. Troubleshooting and Support...

Page 70: Toshiba Voice Contact

Information about what you were doing when the problem occurred ❖ Exact error messages and when they occurred For technical support, call the Toshiba Customer Support Center: Within the United States at (800) 457-7777 Outside the United States at (949) 859-4273 ®...

Page 71: Chapter 4: Specifications

Appendix A Specifications Specifications This section summarizes the dynadock’s technical specifications.* Physical dimensions Weight Size Environmental requirements Conditions Operating Non-operating Thermal Gradient Wet-bulb Temperature Power requirements AC adaptor dynadock™ 490 g/17.2 oz (including the base) 42 (w) x 77 (d) x 222 (h) mm/1.7 (w) x 3.0 (d) x 8.7 (h) in (main body) 112.5 (w) x 130 (d) x 234 (h) mm/4.4 (w) x 5.2 (d) x 9.3 (h) in (with base connected)

Page 72 Specifications General specifications Computer Interface Ports and Connectors Supported Video Display Modes *Specifications are subject to change without further notice. USB 2.0 or UWB (ultra-wide band radio link) 4 USB 2.0 ports in the back 2 USB 2.0 Powered ports in front 1 S/PDIF connector (optical digital audio output) 1 Ethernet port (10/100 Base-T Ethernet RJ-45 connector)

Page 73: Index

Index AC power connection 21 adjusting audio settings 50 video settings 47 antenna switch 17 antennas 17 assemble dynadock™ 20 associations dynadock™ with computer 39 audio devices connecting 30 audio ports configuring 50 audio settings adjusting 50 audio/sound issues 65 back view Quick Tour 16 background utility 37...

Page 74 28 USB cable to computer 26 USB devices 31 connecting/disconnecting dynadock™ from computer 39 Connection Rules changing 39 connection/docking issues 66 contacting Toshiba 69 DC-IN connection 21 DC-IN port 17 disable/enable pop-up messages 40 radio communications 41 display/video issues 61...

Page 75 light indicator 15 power 15 Line out 17 Microphone jack 15 Mini USB jack 17 monitor connecting 29 Network issues 67 network connecting 28 Network port 17 Optical S/PDIF 17 Other issues 69 package contents 18 peripherals connecting 28 physical dimensions dynadock™...

Page 76 56 connecting 31 USB Multi-Channel Audio Utility using 45 using dynadock™ software 37 TOSHIBA dynadock Utility 42 TOSHIBA Video Dock Utility 45 USB Multi-Channel Audio Utility Wireless USB Manager 37 utility undocking 34 video settings adjusting 47 virtual 7.1 channel surround sound...

This manual is also suitable for:

Dynadock wireless u