TOSHIBA

Toshiba TLP251 Owner's Manual

3lcd data projector with document imaging camera

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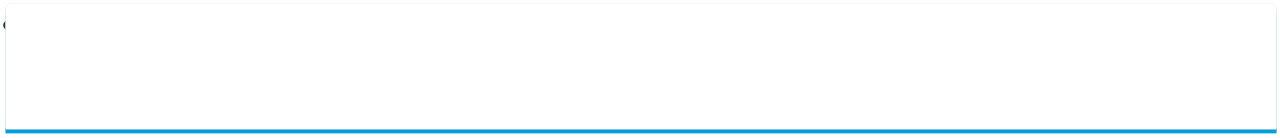

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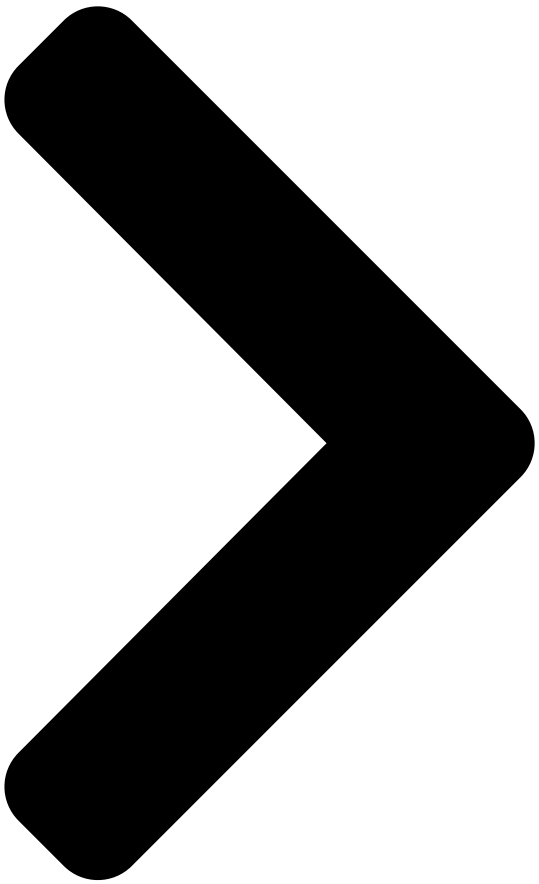

OWNER'S MANUAL

3LCD DATA PROJECTOR

TOSHIBA

TLP550

TLP551

TLP250

TLP251

ManualsLib.com

(WITH DOCUMENT IMAGING CAMERA)

(WITH DOCUMENT IMAGING CAMERA)

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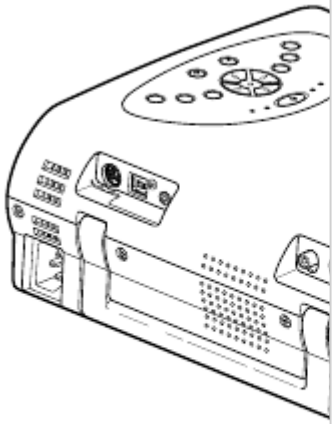

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Related Manuals for Toshiba TLP251

Projector Toshiba TLP561 Service Manual

(52 pages)

Projector Toshiba TLP-250 Service Manual

3lcd data projector (44 pages)

Projector Toshiba TLP-261 Owner's Manual

Toshiba owner's manual 3lcd data projector tlp560, tlp561 (with document imaging camera), tlp260, tlp261 (with document imaging camera) (78 pages)

Projector Toshiba TLP 260 Specifications

Data projector high brightness 1500 ansi lumens svga, crisp 60-inch screen from a distance of only 3.94ft (2 pages)

Projector Toshiba TLP-XC2500 Owner's Manual

3lcd data projector (31 pages)

Projector Toshiba TLP-T50M Owner's Manual

3lcd data projector (xga / svga / with a mouse remote control) (20 pages)

Projector Toshiba TLP-X200U Owner's Manual

Data projector xga & wxga (53 pages)

Projector Toshiba TLP-X2000B Service Manual

3lcd data projector (92 pages)

Projector Toshiba TLP-WX2200U Owner's Manual

3lcd data projector (29 pages)

Projector Toshiba TLP-XD2000U Owner's Manual

3lcd data projector (28 pages)

Projector Toshiba TLP-T50M Service Manual

3lcd data projector (48 pages)

Projector Toshiba TLP-SX3500 User Manual – Operating Manual

Liquid crystal projector 2.5 cm (0.99 type) (56 pages)

Projector Toshiba TLP-X3000 Owner's Manual

3lcd data projector (32 pages)

Projector Toshiba TDP-TW90 Owner's Manual

Data projector (xga / with pc card slot) (37 pages)

Projector Toshiba TLP411E Technical Training Manual

3 lcd data projector (84 pages)

Projector Toshiba TLP-B2E Owner's Manual

3lcd data projector (66 pages)

Summary of Contents for Toshiba TLP251

Page 1 OWNER'S MANUAL 3LCD DATA PROJECTOR TLP550 TLP551 (WITH DOCUMENT IMAGING CAMERA) TLP250 TLP251 (WITH DOCUMENT IMAGING CAMERA) MENU CONTENTS

TLP550/TLP250...

Page 2: Safety Precautions

SAFETY PRECAUTIONS The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated “dangerous voltage” within the product’s enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

Page 3: Important Precautions

2 hours when there is an extreme or sudden change in temperature. Exemption Clauses • Toshiba Corporation bears no responsibility in the case of damages arising from earthquakes, fire not liable to Toshiba Corporation, operating by third parties, other accidents, or use under abnormal conditions including erroneous or improper operation and other problems.

Page 4: Contents

IMPORTANT SAFETY INSTRUCTIONS CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS GIVEN IN THIS OWNER’S MANUAL AND THOSE MARKED ON THE UNIT. RETAIN THIS BOOKLET FOR FUTURE REFERENCE. This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard.

Page 5: Contents

IMPORTANT SAFETY INSTRUCTIONS (continued) 5. Heat The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat. 6. Water and Moisture Do not use this product near water – for example, near a bath tub, wash bowl, kitchen sink, or laundry tub;...

Page 6: Contents

IMPORTANT SAFETY INSTRUCTIONS (continued) 11. Object and Liquid Entry Never push objects of any kind into this product through openings as they may touch dangerous voltage points or short- out parts that could result in a fire or electric shock. Never spill liquid of any kind on the product.

Page 7: Contents

IMPORTANT SAFETY INSTRUCTIONS (continued) 16. Damage Requiring Service Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions: a) When the power-supply cord or plug is damaged. b) If liquid has been spilled, or objects have fallen into the product.

Page 8: Contents

IMPORTANT SAFETY INSTRUCTIONS (continued) 21. Do not get your hands between the camera arm and the main unit when setting the camera arm back in its original position. To avoid injury, be careful not to get your hands caught when setting the camera arm back in its original position.

Page 9: Power Supply Cord Selection

Power supply cord selection If your line voltage is 220 to 240V, use one of the following types of cable. Plug Plug type Line voltage configuration EURO 220 – 240V 240V 10 – 15A 200 – 240V 240V Australian 200 – 240V 240V North American 200 –...

Page 10: Table Of Contents

Contents Before use SAFETY PRECAUTIONS ... IMPORTANT PRECAUTIONS ... IMPORTANT SAFETY INSTRUCTIONS ... Power supply cord selection ... Contents ... Names of each part on the main unit... Names of each part on the remote control ... Loading batteries ... Remote control operation ...

Page 11: Names Of Each Part On The Main Unit

Names of each part on the main unit CAUTION Openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating, and these openings must not be blocked or covered. Air intake AC IN socket Left side...

Page 12: Contents

Names of each part on the main unit (continued) To display the menu screen and/or select operations on the menu screen. Use the selection buttons and the EXIT button to enlarge the image. EXIT button Selection buttons ENTER button MENU button INPUT button To select the input source.

Page 13

Names of each part on the main unit (continued) AUDIO jack ø 3.5mm stereo mini-jack) To enter audio signal from a computer or a video equipment. USB connector To connect to a USB connector of a computer when using the presentation mode.

Page 14

Names of each part on the remote control INPUT button To select the input source. KEYSTONE button To correct the keystone distortion of the picture. FREEZE button To freeze the picture. PIP button To display the video input image as a small size picture in the computer image display window.

Page 15: Loading Batteries

Loading batteries Notes Using batteries incorrectly can cause them to leak or burst. Strictly observe the following. • Install the batteries with their + and – ends facing correctly. • Do not charge, heat, disassemble, or short the batteries or throw them into a fire. •...

Page 16: Remote Control Operation

Remote control operation CONTENTS Point the remote control at the infrared remote sensor and press a button. Rear side Front side Notes • The remote control may not operate when there is sunlight or other strong light such as a fluorescent lamp shining on the projector’s remote sensor. •...

Page 17: Floor-Mounted Projector Placement

Floor-mounted projector placement There are two ways to place the floor-mounted projector. When the projector is mounted in the rear projection mode, the picture is reversed. Set the “Projection mode” (on the menu screen) according to the projection method. For the ceiling-mounted projector placement, refer to the page Floor-mounted front projection Viewing a picture projected on the front of the screen from a floor installation.

Page 18: Contents

Floor-mounted projector placement (continued) Place the projector on a steady, level surface such as a table. To obtain proper screen projection, place the projector so that the light beam hits the screen squarely. Top view Screen 90° Point the lens straight at the center of the screen as above. Determine the screen size projected on the screen.

Page 19: Ac In Socket

Floor-mounted projector placement (continued) Connect the power cord. • Insert one end into the AC IN socket on the projector. • Insert the other end into a wall outlet. The three indicators, TEMP, LAMP, and ON, light in green for several seconds and then the ON indicator lights in orange and the projector turns to the standby mode.

Page 20: Lens Shift Function

Lens shift function When turning the lens shift dial, the lens moves to upward or downward and the projection position on the screen is to be adjusted. At shipping from factory, it is set to the state turned clockwise fully (the highest projection position). Refer to “Projection on the screen”...

Page 21: Projector Placement Angle Adjustment (Foot Adjuster)

Projector placement angle adjustment (Foot adjuster) The tilt of the projector can be adjusted using the foot adjuster. Adjust this when the highest position by the lens shift dial insufficient. Refer to “Projection on the screen” Foot adjuster Foot adjuster release button Lift up Lower...

Page 22: Ceiling-Mounted Projector Placement

Ceiling-mounted projector placement CAUTION When a ceiling mount is required, please consult with the dealer. Ceiling-mounted front projection Viewing a picture projected on the front of the screen from a ceiling installation. COMPUTER S-VIDEO VIDEO AUDIO CONTROL Perform the “Projection mode” setting on the menu screen for the projection method. Note The relation

between the projection size and the distance to the screen is the same as that of the floor-mounted projection mode Ceiling-mounted rear projection...

Page 23: Connecting A Computer

Connecting a computer You can project the picture from the computer. Check that the power supplies for the projector and for the computer are off before connecting the cables. CONTROL AUDIO VIDEO Audio cable (supplied) To AUDIO jack Notes • The projector cannot be connected to a computer without an analog RGB connector. For details, refer to the computer manual. •...

Page 24: Connecting Video Equipment

Connecting video equipment You can project the picture from video equipment. Check that the power supplies for the projector and for the video equipment are off before connecting the cables. CONTROL AUDIO VIDEO S-VIDEO To AUDIO jack (Yellow) To VIDEO jack Note The S-VIDEO connector and VIDEO jack can be used independently, but the audio input jack is used for all input sources.

Page 25: Audio Jack

Connecting video equipment (continued) You can project the picture from video equipment with component video output jack. Check that the power supplies for the projector and for the video equipment are off before connecting the cables. CONTROL AUDIO VIDEO S-VIDEO To COMPUTER connector To AUDIO jack Audio cable (supplied)

Page 26: Projector Operation Control By A Computer

Projector operation control by a computer You can control the projector by a computer connected with the control cable supplied. Check that the power supplies for the projector and for the computer are off before connecting the cables. CONTROL AUDIO VIDEO Note Do not connect any cable other than the exclusive one supplied.

Page 27: Projection On The Screen

Projection on the screen CAUTION – Do not look into the projection lens while operating the projector. Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Control panel (Main unit side) Indicators ON / STANDBY...

Page 28

Projection on the screen (continued) Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Control panel (Main unit side) ON / STANDBY VOL / ADJ When a projector is used for the first time, the language selection menu, which is to select a language for displaying menus or messages, is displayed.

Page 29: Input Button

Projection on the screen (continued) Remote control ON / STANDBY 5-a,5-b INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Control panel (Main unit side) ON / STANDBY VOL / ADJ 5-a,5-b Select the input source to project.

Page 30: Focusing Ring

XGA mode (1024 x 768). • The TLP250/TLP251 projects an image by SVGA signal (800 x 600) in full screen. The image quality of a computer signal except SVGA may deteriorate. It is recommended to set the external monitor connected to the computer to SVGA mode (800 x 600).

Page 31: Keystone Button

Projection on the screen (continued) Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Control panel (Main unit side) ON / STANDBY VOL / ADJ Press VOL/ADJ (+/-) to adjust volume.

Page 32: Turning The Power Off

Turning the power off Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Control panel (Main unit

side) Indicators ON / STANDBY VOL / ADJ Press ON/STANDBY after using the projector.

Page 33: Adjusting The Picture Automatically

Adjusting the picture automatically Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Control panel (Main unit side) ON / STANDBY VOL / ADJ You can adjust the optimum horizontal position, vertical position, sampling phase and sampling frequency for projecting analog RGB signals at the touch of a button.

Page 34: Correcting The Keystone Distortion

Correcting the keystone distortion Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT P.MODE CT-90106 Control panel (Main unit side) ON / STANDBY VOL / ADJ A picture may be expanded on the upper side if projected upward from the projector lifted up by the foot adjuster.

Page 35: Cutting Off The Picture And Sound Temporarily

Cutting off the picture and sound temporarily Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 The image and sound of this projector can be turned off if you wish to temporarily project the image from another projector or an OHP, etc., onto the screen.

Page 36: Freezing The Picture

Freezing the picture Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE FREEZE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 You can freeze the image being projected. Use this function to stop moving images from a video recorder during presentations. Press FREEZE.

Page 37: Enlarging The Picture Size

Enlarging the picture size Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE RESIZE MENU VOL / ADJ / / / EXIT ENTER EXIT P.MODE CT-90106 The icon appears in the resize mode. You can enlarge (resize) the picture size projected.

Page 38: Displaying Pip Sub-Pictures

Displaying PIP Sub-pictures Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Video or S-video images can be displayed as small images within the computer’s image. (Referred to as “sub-pictures”...

Page 39: Displaying Information

Displaying Information Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE CALL MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Information on the input signal source, etc., can be displayed. CALL Press CALL. The information described below is displayed.

Page 40: Operating The Presentation Mode

Operating the presentation mode You can change the slide, for the presentation on the computer, by using the remote control when connecting the projector to the computer with the supplied USB cable. Connect a computer to the projector with the supplied USB cable. Also connect the RGB cable and the audio cable if necessary.

Page 41 Operating the presentation mode (continued) Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 P.MODE Control panel (Main unit side) ON / STANDBY VOL / ADJ INPUT Select the computer input with INPUT.

Page 42: Operating The Menu Screen

Operating the menu screen Various adjustments and settings can be made on the menu screen. The basic operations on the menu screen are shown here. Start GUIDE MENU: You can adjust or set the functions used frequently. Press MENU. MENU Then GUIDE MENU appears.

Page 43 Operating the menu screen (continued) For the selection method of FULL MENU,

refer to Start the previous page. Select the item with selection buttons (State of a figure below is a sample for explanation. This state does not in fact. The current input source Analog RGB Kind (page) of...

Page 44: Guide Menu Adjustments And Settings

GUIDE MENU adjustments and settings On GUIDE MENU, you can set or adjust the functions frequently used. To operate GUIDE MENU, refer to page Adjust the image brightness. Contrast ADJ. Brightness ADJ. Adjust the image flicker. Phase ADJ. Adjust the image color. Color ADJ.

Page 45: Full Menu Adjustments And Settings - Picture

575i (625i) mode. signal format is fixed to 720p (750p) mode. signal format is fixed to 1080i (1125i) mode. CONTENTS The relationship between input source and item Yes: Adjustable -: Not displayed Analog RGB Video S-Video TLP251: Yes TLP551: - Camera...

Page 46: Full Menu Adjustments - Position

FULL MENU adjustments - Position You can adjust the picture position etc. of the analog RGB input from FULL MENU [Position]. To operate FULL MENU, refer to page H-position ADJ. Adjust the horizontal display position of the picture. V-position ADJ. Adjust the vertical display position of the picture.

Page 47: Full Menu Adjustments - Color

FULL MENU adjustments - Color You can adjust the color condition of the picture from FULL MENU [Color]. To operate FULL MENU, refer to page Color ADJ. Adjust the color depth of the picture. Tint ADJ. Adjust the tint of the picture. (Not adjustable at PAL, SECAM, PAL-N,PAL-M and PAL60) R-level ADJ.

Page 48: Full Menu Adjustments And Settings - Audio

FULL MENU adjustments and settings - Audio You can set the sound emitted from the speaker from FULL MENU [Audio]. To operate FULL MENU, refer to page Volume ADJ. Adjust the sound volume emitted from the speaker. Speaker output The sound is emitted from the speaker. No sound is emitted from the speaker.

Page 49: Full Menu Adjustments And Settings - Display

FULL MENU adjustments and settings - Display You can set the language, menu display, etc. from FULL MENU [Display]. To operate FULL MENU, refer to page Keystone ADJ. Adjust the keystone distortion caused by changing the installation angle. Menus and messages are displayed in English. Language English Menus and messages are displayed in French.

Page 50: Full Menu Settings - Default Setting

The projector is set to the ceiling-mounted rear projection mode. Rear ceiling Background Logo The TOSHIBA logo is displayed when no signal is input. Blue The entire screen is set to blue when no signal is input. None Nothing is displayed when no signal is input.

Page 51: Full Menu Settings - Reset

FULL MENU settings - Reset CONTENTS You can return the adjusting and setting values of all menus to the factory default setting. Reset all EXEC. Return the adjustments and settings of all menus to the factory default setting. Note The resettings made are memorized automatically when the power is turned off by pressing the ON/STANDBY button. If the power cord is unplugged or if a power failure occurs while the projector is on, the resettings are not memorized.

Page 52: Pip Menu Setting

PIP menu setting When a PIP sub-picture is displayed, the PIP menu screen will appear if you press the MENU button. You can make the PIP sub-picture settings when a PIP subpicture is displayed. To cancel the menu, press the EXIT button. Source Select the signal source for PIP sub-picture.

Page 53: Part Names (Of The Document Imaging Camera Model)

Part names (of the document imaging camera model) CAUTION When using the camera, be careful not to pinch your hand or fingers into the arm. On the document imaging camera model, you can project pictures using the document imaging camera. The document imaging camera

can directly project any materials (documents, illustrations, etc.) without using an OHP film.

Page 54: Preparation Of The Document Imaging Camera

Preparation of the document imaging camera 1) Raise up the arm. Before preparations (stowed away) 4) Incline the arm backward. 5) Move the camera head toward the object. Note Never give shocks or impacts to the camera or arm as this may cause malfunction. 2) Pull up the camera head.

Page 55: Picture Projection With The Document Imaging Camera

Picture projection with the document imaging camera CAUTION Do not look into the arm light while it is lit. Camera control panel LOCK W.BALANCE ARM LIGHT CAMERA CAMERA GAIN Preparation Project a picture on the screen as explained in the step “Projection on the screen”. Press ARM LIGHT.

Page 56

Picture projection with the document imaging camera (continued) Remote control ON / STANDBY INPUT KEYSTONE AUTO SET FREEZE MUTE P I P CALL RESIZE MENU VOL / ADJ ENTER EXIT / P.MODE CT-90106 Control panel (Main unit side) ON / STANDBY VOL / ADJ Camera control panel LOCK...

Page 57

Picture projection with the document imaging camera (continued) Camera control panel LOCK W.BALANCE ARM LIGHT CAMERA CAMERA GAIN Press CAMERA GAIN (+/-) to improve view of a CAMERA GAIN camera subject which is too dark or vivid. Notes • You can adjust the “Sharpness” of the camera image on the menu screen. •...

Page 58: Locking The White Balance

Locking the white balance Camera control panel LOCK W.BALANCE ARM LIGHT CAMERA CAMERA GAIN This projector ’s camera is always being adjusted automatically for projected color balance; however, the balance can shift away from optimum due to the color scheme of the document.

Page 59: Correcting Illuminated Defects

Correcting illuminated defects Control panel (Main unit side) ON / STANDBY VOL / ADJ Press both sides Camera control panel LOCK W.BALANCE ARM LIGHT CAMERA CAMERA GAIN For the CCD image sensor used in the camera unit, in rare cases some of the pixels may be disturbed due to the influence of cosmic rays, etc.

Page 60: Trouble Indications

Trouble indications If there is some problem inside the projector, the indicators light up or blink. Indicators ON / STANDBY VOL / ADJ Control panel (Main unit side) The power does not come on. → Malfunction of the unit. (Off) •...

Page 61: Air Filter Cleaning

Air filter cleaning CAUTION If you use the projector mounted on the ceiling, ask the dealer to carry out the maintenance such as cleaning. The filter inside the air filter cover is the part to shut out dusts or dregs. Do not use the projector with the filter taken off.

Page 62

Air filter cleaning (continued) Notes • When the air filter is dusty, the ventilation is impaired. This causes the temperature inside the projector to rise, and may damage the unit. • Attach the air filter and the filter frame firmly after the cleaning.

Page 63: Lens And Main Unit Cleaning

Lens and main unit cleaning CAUTION If you use the projector mounted on the ceiling, ask the dealer to carry out the maintenance such as cleaning. Cleaning the lens Use a blower or a lens cleaner to clean the lens. Never rub or tap the lens with a hard object as the lens surface is fragile.

Page 64: Lamp Replacement

Lamp replacement The lamp will eventually begin to project dark or dull pictures and finally will not light up. (Lamp’s life depends on operating conditions.) In such a case, replace the lamp with new one. CAUTION • If you use the projector mounted on the ceiling, ask the dealer to

carry out the maintenance such as cleaning or replacement of the lamp.

Page 65 Lamp replacement (continued) Notes • When the CALL button is pressed, the “Lamp time” (the approximate amount of time the lamp has been used) will be displayed. • The lamp should be replaced if the total working time exceeds about 1,500 hours. When the “Lamp time”...

Page 66: Before Calling Service Personal

Before calling service personal Check the following points before asking for support service. Refer also to “Trouble indications”. Symptom The power does not come on. • The power cord is disconnected. • The lamp cover is not attached correctly. The power turns off while •...

Page 67 Before calling service personal (continued) Symptom The remote control does not • The remote control is not facing the remote sensor. work. • The remote control is too far away. • There is an obstruction between the remote control and the remote sensor.

Page 68: Pin Assignment Of Computer Connector

Pin assignment of COMPUTER connector COMPUTER Input signal Analog R, G, B signal: 0.7V(p-p) 75Ω Horizontal sync signal: TTL level (positive/negative polarity) Vertical sync signal: TTL level (positive/negative polarity) Y signal: 1.0V(p-p) 75Ω signal: 0.7V(p-p) 75Ω Mini D-sub 15pin connector Description Pin No.

Page 69: Timing Chart (Continued)

Applicable signal Applicable computer signal The unit is applicable to the following signals. However, some computers may have different timings than those in the chart. Make the necessary adjustments if the picture has flickers or is blurred. Timing chart Mode Resolution (Pixels) TEXT70...

Page 70: Mode Fh (Khz)

Notes • Signal sources marked “ * ” and “ ** ” are displayed in compressed format (“ * ”: TLP250/TLP251, “ ** ”: TLP250/TLP251/TLP550/TLP551), so some of their data may be missing or their picture quality may be degraded.

Page 71: Controlling The Projector By Using Rs-232C

Controlling the projector by using RS-232C You can also control the projector by entering the command from a computer via RS-232C. Signal assignment of RS-232C Pin No. Signal CONTROL RS-232C Command list Classification Items/Status Power Off (with confirmation message) Shut Down (without confirmation message) Normal (RS-232C Condition Display Off) Picture Contrast...

Page 72: Ntsc

Controlling the projector by using RS-232C (continued) Classification Items/Status Picture Video mode Auto. (Continued) NTSC SECAM PAL-N PAL-M PAL60 NTSC4.43 Signal format Auto. 480i (525i) 480p (525p) 575i (625i) 720p (750p) 1080i (1125i) Shutter Auto. 50Hz 60Hz Screen size Full Thru Wide Picture reset...

Page 73: B /P R

Controlling the projector by using RS-232C (continued) Classification Items/Status Audio Volume Increase Decrease Speaker output Channel select Loudness Audio reset Display Keystone Keystone reset Language English French German Italian Spanish Portuguese Japanese Chinese(Simplified) Chinese(Traditional) Korean Icon Menu position Upper left Bottom left Upper right Bottom right...

Page 74 Controlling the projector by using RS-232C (continued) Classification Items/Status Default setting COMPUTER Analog RGB VIDEO S-VIDEO CAMERA Projection mode Standard Rear Ceiling Rear ceiling No signal background Logo Blue background No signal power off 5 min. Power on Manual Auto. Startup screen Default setting initialize Reset...

Page 75 Controlling the projector by using RS-232C (continued) Classification Items/Status RESIZE Increase the enlargement ratio Decrease the enlargement ratio (Minimum: reset status) Move the enlargement section Up Down Left Right Enlargement reset FREEZE MUTE PIP input

source Video S-Video PIP size Small Middle Large...

Page 76: Specifications

TLP550/TLP250: 3.7kg TLP551/TLP251: 4.3kg Dimensions TLP550/TLP250: 260 x 95.5 x 295 (mm) (Except the protrusion parts) (W/H/D) TLP551/TLP251: 260 x 95.5 x 352 (mm) (W/H/D) Cabinet Material PC+ABS resin and ABS resin Ambient environment Temperature : 0 deg. to 35 deg.

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Specifications (continued) CONTENTS Sold separately Replacement lamp TLPL55 • The design and specifications are subject to change without notice. Trademarks NEC, PC-98 series are trademarks of NEC Corporation. VGA, SVGA, XGA, SXGA, UXGA are trademarks or registered trademarks of International Business Machines Corporation. Macintosh is a registered trademark of Apple Computer, Inc.

This manual is also suitable for:

Tlp250Tlp550Tlp551