

Toshiba SD-270EKB Owner's Manual

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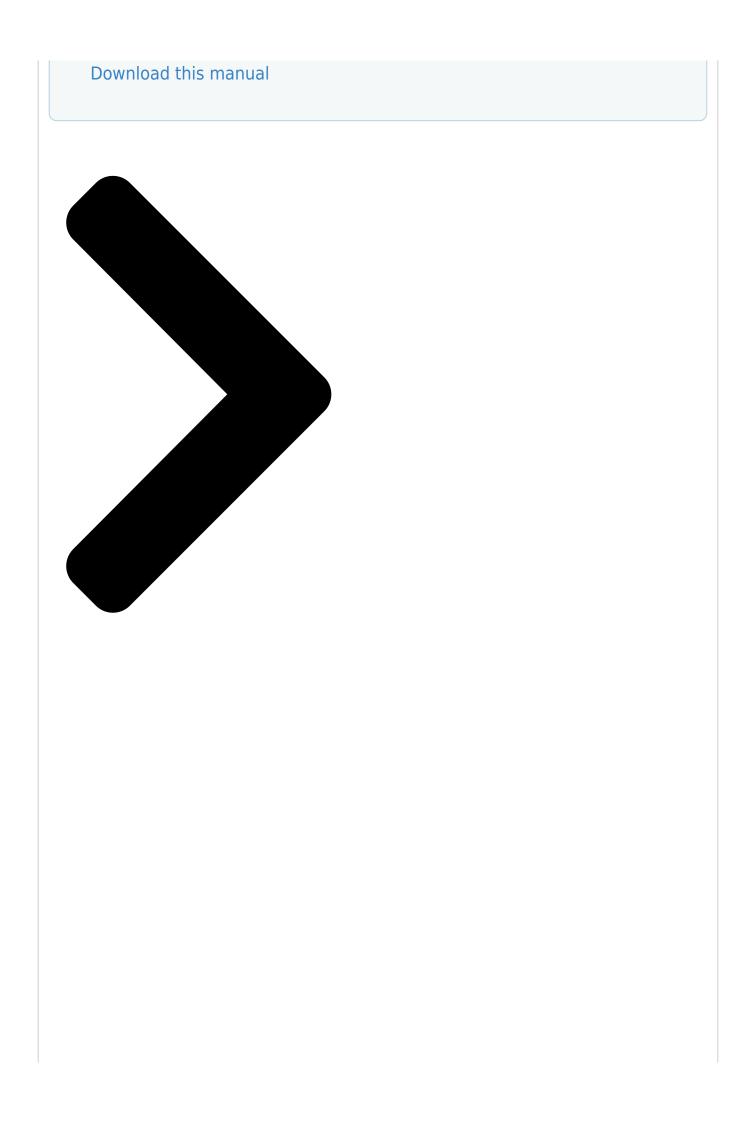




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Page 2: Introduction

Introduction 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. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance(servicing) instructions in the literature accompanying the appliance. The symbol for CLASS II (Double Insula- tion) WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE. DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE. DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY. 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. IMPORTANT SAFETY INSTRUCTIONS 1. Read these instructions. 2. Keep these instructions. 3. Heed all warnings. 4. Follow all instructions. 5. Do not use this apparatus near water. 6. Clean only with dry cloth. 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including ampli- fiers) that produce heat. 9. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus. 10. Only use attachments/accessories specified by the manufacturer. 11.Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Page 3 Introduction SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. So, please read the points below for your own safety. They are of a general nature, intended to help you with all your electronic consumer products and some points may not apply to the goods you have just purchased. read the operating instructions before you attempt to use the equipment. ensure that all electrical connections (including the mains plug, extension leads and inter- connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections. consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment, be careful with glass panels or doors on equipment. DON'T remove any fixed cover as this may expose dangerous voltages. DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment. DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment. DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires. DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manu- facturer's approved stand or legs with the fixings provided according to the instructions. DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving. DON'T listen to headphones at high volume, as such use can permanently damage your hearing. DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unat- tended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people. DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way -switch off, withdraw the mains plug and consult your dealer. ABOVE ALL -NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock;...

Page 4 Introduction CAUTION: This Digital Video Disc Player employs a Laser System. To ensure proper use of this product, please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location. Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure. To prevent direct exposure to laser beam, do not try to open the enclosure. Visible and invisible laser radiation when open and interlocks defeated. DO NOT STARE INTO BEAM. CAUTION : These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operating instructions unless you are qualified to do

so. In the spaces provided below, record the Model and Serial No. located on the rear panel of your DVD video player. Model No. Serial No. Retain this information for future reference. Be aware that this equipment is still powered when in standby mode. To disconnect this equipment completely from the mains power, pull out the power plug from the wall outlet. Unauthorized copying, broadcasting, public perfor- mance and lending of discs are prohibited. This product incorporates copyright protection technol- The use of the symbol indicates that this ogy that is protected by U.S. patents and other intel- product may not be treated as household lectual property rights. Use of this copyright protection waste. By ensuring this product is technology must be authorized by Macrovision, and is disposed of correctly, you will help intended for home and other limited viewing uses only prevent potential negative consequences unless otherwise authorized by Macrovision. Reverse for the environment and human health, engineering or disassembly is prohibited. which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

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Page 6: Region Codes

Introduction DANGER! CAUTION! High voltage! Do not open the device. You run Do not use solvents such as benzene, thinner, com- the risk of getting an electric shock. mercially available cleaners, or anti-static sprays in- tended for analog discs. Since the optical unit (laser) The machine does not contain any user-service- of the DVD system operates at a higher power than able parts. Please leave all maintenance work to regular DVD or CD players, cleaning CDs intended qualified personnel. for DVD or CD players may damage the optical unit (laser). Therefore, refrain from using a cleaning CD. Setup Moisture Condensation Finding a suitable location -Place the set on a flat, hard and stable surface. Moisture condensation damages the DVD video -Do not place the set on a carpet. player. Please read the following carefully. Moisture -Do not position the set on top of other equipment condensation occurs, for example, when you pour a that might heat it up (e.g., receiver or amplifier). cold drink into a glass on a warm day. Drops of water -Do not put anything under the set form on the outside of the glass. In the same way, (e.g.CDs, magazines). moisture may condense on the optical pick-up lens -Install this unit near the AC outlet and where the inside this unit, one of the most crucial internal parts AC power plug can be reached easily. of the DVD video player. Space for ventilation If you use the DVD video player in such a situation, -Place the apparatus in a location with adequate it may damage discs and internal parts. Remove the ventilation to prevent internal heat build up. Allow at disc, connect the power cord of the DVD video player least 10 cm (4.0") clearance from the rear and the to the wall outlet, turn on the DVD video player, and...

Page 7: Connecting To Television

Introduction/Connections Region Discs that can Connecting to television be played IMPORTANT! U.S.A. and -You only need to make one video connection from Canada regions the following options, depending on the capabili- ties of your television. -Connect the DVD player directly to the television. U.K and Using Composite Video Jack (CVBS) Europe regions Asia Pacifi c, Taiwan, Korea Australia, New Zealand, Latin America Russia and India regions China, Calcos Islands, Use the composite video cable(yellow) to connect the Walls and Futuna DVD player' s VIDEO OUT (CVBS) jack to the video input jack(or the labelled as A / V in , Video In or Com-...

Page 8 Connections (continued) System or AV Receiver to hear better sound, scart is A Use the composite video cable (yellow) to connect the enough for both audio and video connections. DVD player's CVBS jack to the video input jack on the RF modulator (cable supplied). Using Component Video Jacks(Y PB PR) To hear sound of this DVD player through your TV, use the audio cables(white/red) to connect AUDIO OUT (L/R) jacks of the DVD player to the corresponding AUDIO IN jacks on the RF modulator (cable supplied). B Use the RF coaxial cable (not supplied) to connect ANTENNA OUT or TO TV jack on the RF modulator to the ANTENNA IN jack on the television. C Connect the Antenna or Cable TV service signal to the ANTENNA IN or

RF IN jack on the RF modulator. (It may have been connected to your TV previously. Disconnect it from the TV.) IMPORTANT! -The progressive scan video quality is only pos- sible when using Y PB PR and a progressive scan TV is required. A Use the component video cables (red/blue/green) to connect the DVD player' s Y P jacks to the Cor- responding Component video input jacks (or labelled as Y P) on the TV (cable not supplied). B Use the audio cables (white/red) to connect AUDIO OUT (L/R) jacks of the DVD player to the correspond- ing AUDIO IN jacks on the TV (cable not supplied). C Proceed to page 11 for detailed Progressive Scan set Using a RF modulator IMPORTANT!

Page 9: Connecting The Power Cord

Connections (continued) A Select one of the video connections (SCART IN, CVBS VIDEO IN or COMPONENT VIDEO IN) Connecting the power cord depending on the options available on your TV. B Use the audio cables (white/red) to connect AUDIO OUT (L/R) jacks of the DVD Player to the corresponding AUDIO IN jacks on the stereo system (cable not supplied). Tip: - Analogue audio out will not have sound if DTS playback is selected. Connecting to a Digital AV Receiver To AC outlet MAINS After everything is connected properly, plug in the AC power cord to the power outlet. Never make or change any connections with the power switched on. " no disc " will appear on the display window when you press the ON/STANDBY button with no disc loaded. Receiver has a PCM, Dolby Digital or MPEG decoder A Select one of the video connections (SCART IN, CVBS VIDEO IN or COMPONENT VIDEO IN) de- Connecting to a Stereo System pending on the options available on your TV. B Connect the COAXIAL jack of the DVD player to the corresponding Digital Audio In jack on your Receiver (cable not supplied). C Set the DVD Player's Digital Output to PCM-Only or ALL depending on the capabilities of your Receiver (see page 19 { Digital Output }).

Page 10: Product Overview

Product Overview Front and Rear panels ON/STANDBY Turns the player on or switches it to stand- Disc tray by mode Place a disc here PLAY/ PAUSE Display Starts or pauses playback Shows information about the current status of the DVD Player STOP [] Stops playback IR Sensor Points the remote control towards this sensor. OPEN/CLOSE ç Opens or closes the disc tray MAINS Connects to a standard AC outlet. SCART Out Audio Out (Left/Right) Connects to SCART input of a TV Connects to Audio input of a TV, an amplifier, re- ceiver or stereo system Component Video Out Connects to YP input of a TV COAXIAL(Digital audio out) Video Out (CVBS) Connects to coaxial Audio input of a digital audio Connects to CVBS Video input of a TV equipment...

Page 11: Remote Control

Product Overview(continued) Remote Control See the page in [] for details. REMOTE SIGNAL EMITTER DISPLAY [15] [11] -Displays information on -Point remote control to the sensor on TV screen during playback the front panel OPEN/CLOSE [13] ON / STANDBY -Open/close the disc tray [8, 13] -To switch the DVD player to ON or standby mode Number Buttons [13, 14, 20] -Selects numbered items in a menu T - Search -Press to enter track/chapter/title [15] -Start playback from a designated point numbers directly. OPEN/CLOSE DISPLAY ON/STANDBY SETUP [11, 17] -Enters or exits the system setup menu +10 button [14, 17] [] [] []...

Page 12: Getting Started

Getting Started chooses different video modes. [Or, tune the TV until you can see the signal from Inserting Batteries the RF modulator (refer to your TV user manual). C If you are using external equipment, (such as audio system or receiver), turn it on and select the appropriate input source for the DVD player output. Refer to the equipment user's manual for detail. Setting up Progressive Scan feature (for Progressive Scan TV only) The progressive scan display twice the number A Open the battery compartment. of frames per seconds than interlaced scanning B Insert two batteries type R03 or AAA, following the (ordinary normal TV system). With nearly double indications (+ / -) inside the compartment. the number of lines, progressive scan offers higher C Close the cover. picture resolution and quality. CAUTION! -Remove batteries if they are exhausted Before you start ... or if the Remote Control is not being used -Ensure that you have connected this DVD player to for a long time. a progressive scan TV using the Y P connection -Do not use old and new or different types (see page 7). of batteries in combination. -Ensure that you have completed the basic installa- -Batteries contain chemical substances, tion and set up. so they should be disposed properly. A Turn on your TV and select the video input connected to the DVD video player (refer to your TV Using the Remote Control to Operate user manual).

Page 13: Setting The Language

Getting Started/Playback from Disc Audio, Subtitle and DVD menu Confirm again to use new setting language Revert to original setting in 14 seconds You can choose your own preferred

language or soundtrack from audio, subtitles and DVD menu languages. If the language selected is not available on the disc, the disc's default language will be used H Press [] to highlight { Yes } and press OK to confirm. instead. [] The setup is now completed and you can start enjoying the high quality picture. To deactivate Progressive Scan manually: A Wait for 15 seconds for the auto recovery. A Press OPEN/CLOSE ç on the DVD player to open the disc tray.

Page 14: Starting Disc Playback

Because of problems and errors than can occur -Do not overturn the DVD player while disc loading, during the creation of DVD and CD Software and/or playing or ejecting. the manufacture of DVD and CD discs. Toshiba -Do not close the disc tray manually even if the cannot assure that this DVD player will successfully power is switched off. play every disc bearing DVD and CD logos. If you...

Page 15: Operations For Video Playback (Dvd/Vcd/Svcd)

Playback Feature(continued) which are greater than []9], use []+10[] button. Each presses increases the number by 10. Then Operations for video playback (DVD/ press the second digit of track number. VCD/SVCD) []The playback skips to the selected chapter / track Stopping playback Using the disc menu Depending on the disc, a menu may appear on the During playback, press STOP . TV screen once you load in the disc. []The DVD video player memorises the stopped To select a playback feature or item point. Press PLAY/PAUSE to resume playback []Use []/[]/[]/[] keys or number buttons (0-9) on the from the location where you stopped playback. remote, then press OK to start playback. []If you press STOP again, the DVD video player To access or remove the menu. will cancel the resume function. []Press MENU on the remote. Tips: Zooming In -Screen saver will start automatically if the disc playback is stopped for about 5 minutes. -The player will automatically switch to Power This function allows you to enlarge the picture on the Standby mode if you do not press any buttons for TV screen and to pan through the enlarged picture.

Page 16: Viewing The Disc Playback Information

Playback Feature(continued) For Video CD, Audio CD --:--: Time (desired time of the current track) -Repeat Single (currently playing track) Disc Time --:--:- (desired time of the disc) - Repeat All (entire disc) PBC ON -Off (cancel) Time --:--:- (desired time of the current track) For DVD: ® For MP3, JPEG, DivX Title -Repeat Single (currently playing file) Chapter -Repeat folder (current folder) (desired time of the disc) --:-- Time -Off (cancel) B Use the number buttons (0-9) to input a desired number or time. (This function only apply to DVD/ Tip: VCD/CD/SVCD.) - For VCD, repeat playback is not possible if the PBC C Press OK to confirm. mode is switched on. []The playback skips to the chosen title/chapter/ Repeating a section within a chapter/ track/time.

Page 17: Playing A Divx ® Disc

Playback Feature(continued) seconds of playback, playback will start from the beginning of the current chapter/track. If you press B Press [] / [] to select the folder and press OK to the button within the first 5 seconds, playback will open the folder. start from the beginning of the preceding chapter/ / NEXT to select the pre- [] Press PREV track. vious or next track/file page in the current folder. []During playback, pressing RETURN will return to C Press [] / [] to select a track/file. the menu screen (if PBC is on). D Press OK to confirm. If you want to skip the index menu and playback Tips: directly from the beginning. - If you highlight on a jpeg file, a preview will appear. - During MP3 playback, the LED will display the time []Press MENU on the remote control to turn the PBC off. (M : S). - During JPEG playback, the LED will display moving bars "-----"." Playing a DivX ®...

Page 18: Dvd Menu Options

DVD Menu Options [] Mode(Normal/Random) D Use []/[] to select a setting and press OK to con-This mode can also be toggled by using RANDOM firm. button. Example: { English } Normal: Resumes Normal playback []The setting is selected and setup is completed. Random: Playbacks track/file in random order. E To exit, press SETUP. [] Edit Mode: Program operation works only when OSD Language Edit Mode is selected. [] Program View: To view tracks/files in the Pro- This menu contains various language options for the gram View list. It is disabled if the Program View list language displayed on the screen. is empty. Subtitle/Audio/DVD Menu Add to Program: Add files/tracks to the Program View list. It is disabled if Edit Mode is not selected. These menus contains various language options [] Browser View: To view files/tracks in the Original for audio, subtitle and DVD menu which may be re- View list. corded on the DVD. [] Clear Program: Delete the files/tracks in the Pro- gram View list. Tips: []Select a file/track or more you want to delete in -Some DVD video discs may be set to display sub- $\sqrt{}$ " will appear besides the deleted file/ stop mode." titles in a different language other than you selected. track. A prior subtitle language may be programmed on the Select Clear Program and then press OK. It is dis- disc.

Page 19: Using The Video Setup Menu

DVD Menu Options (continued) without distortion. B Use [] / [] to select a setting and press OK to con- Using the Video setup menu firm. Tips: Press SETUP on the remote control. - Depending on the type of discs, you may not be able to view the mode as selected. []The system setup menu appears. TV System The video standard of the DVD player output can be selected from "NTSC", "PAL" or "Multi". { NTSC }: Select if your TV system is NTSC. { PAL }: Select if your TV system is PAL. { Multi }: The DVD video player automatically identi- fies PAL or NTSC video system of a disc. Connect a multisystem TV (PAL/NTSC compatible) to view a picture. Press [] / [] to select { Video }, then press [] A playback picture may be distorted when detected a C Press [] / [] to select an item, then press [] to signal change between PAL and NTSC on the disc. access. For the case of Progressive mode, your multisystem Example: { Video Out } TV must be able to support 525p and 625p. []The options for the selected item appears. []If the selection in the menu is greyed out, that Video Out means the feature is not available or not possible to The video output of the DVD player can be selected change at the current state. as "Component", "RGB" or "P-Scan". D Use [] / [] to select a setting and press OK to con- A In ' Video ', press [] / [] to select { Video Out }, firm.

Page 20: Using The Audio Setup Menu

DVD Menu Options (continued) D Press [] / [] to highlight one of the following options. { Off } Brightness To deactivate the digital audio output. For example, if Increase the value to brighten the picture or vice you use the AUDIO OUT jacks to connect to a TV or versa. Choose zero (0) for average setting. stereo system. Contrast B Use [] / [] to select a setting and press OK to con-Increase the value to sharpen the picture or vice firm. versa. Choose zero (0) to balance the contrast. Tint Tip: Increase the value to darken the picture or vice -If { Digital Output } is set to { All }, all audio settings versa. Choose zero (0) for average setting. except MUTE are invalid. Color -When playing MPEG , MP3 and set Digital Output to Increase the value to enhance the color in your {ALL}, the player will output PCM signals. picture or vice versa. Choose zero (0) to balance the Night Mode color. E Press [] / [] to adjust the setting that best suits This mode optimises playback of sound at low your personal preference. volume. High volume outputs will be softened and F Repeat steps D~ E for adjusting other color fea- low volume outputs are brought upward to an audible tures. level. G Press OK to confirm.

Page 21: Using The Rating Setup Menu

DVD Menu Options (continued) D Use [] / [] to select a rating level and press OK to confirm. Using the Rating setup menu []Select { 8 Adult } to disable parental level and allow virtually all discs to play. A Press SETUP on the remote control. []The system setup menu appears. []DVDs that are rated higher than the level you se- lected will not play unless you enter your four-digit password. Parental Control : 8.Aduit Language Set Password Video Tips: -This feature will not limit viewing if the disc manu- Audio facturer did not code the disc. Rating -VCD, SVCD, CD have no level indication, so paren- Misc tal control has no effect on these type of discs. This also applies to most illegal DVDs. -Some DVDs are not coded with a rating though the B Press [] / [] to select {Rating }, then press []. movie rating may be printed on the disc cover. The C Press [] / [] to select an item, then press [] to rating level feature does not prohibit play of such access. discs. Example: { Parental Control } []The options for the selected item appears. Changing the Password []If the selection in the menu is greyed out, that You need to enter your four-digit password to play a means the feature is not available or not possible to prohibited disc or if prompted for a password.

Page 22: Tray Lock

DVD Menu Options (continued) Example: { Use Default Settings } Tray Lock []The options for the selected item appears. []If the selection in the menu is greyed out, that means the feature is not available or not possible to change at the current state. Press SETUP button, then press the number button D Use[] / [] to select a setting and press OK to con- "2006" in sequence to lock the tray. firm. [] All functionality of the player and playback remain the same except for the OPEN/CLOSE button. Example: { No } [] After the tray is locked, "Tray Lock IS On" will []The setting is selected and setup is completed. appear on the screen when OPEN/CLOSE is E To exit, press SETUP. pressed. Restoring to original settings [] To unlock the tray, just follow the same procedure as above. Setting the { Use Default Settings } function will re- set all options and your personal settings to the fac- tory defaults, except your password and rating level.

Page 23: Specifications

Specifications DVD Video player/Outputs/Supplied Accessaries DVD Video player Power supply 110 V -240V AC, 50/60 Hz Power Consumption Mass SD-270EKB: 2.6 kg SD-270EKE: 2.85kg External dismensions 430 X 43 X 268 mm (W/H/D) Signal System PAL, NTSC Laser

Semiconductor laser, wavelength 650/780 nm Frequency range DVD linear sound : 48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz Signal-to-noise ratio More than 90 dB Audio dynamic range More than 80 dB Harmonic distortion Less than 65 dB Wow and flutter Below measurable level [(less than + 0.001 % (W.PEAK)] Operating conditions Temperature : 5 C to 35 C Operation status :Horizontal Outputs Video output (SCART) 1.0 V (p-p) , 75 Ω , SCART socket x 1 Video output (phone type) 1.0 V (p-p) , 75 Ω negative sync., pin jack x 1 Component video output (Y) 1.0 (p-p), 75 Ω negative sync., pin jack x 1 (P B)/(P R) 700 mV (p-p), 75 Ω , pin jack x 2 Audio output (SCART) 2.0 (rms), 680 Ω , SCART socket x 1 Audio output (COAXIAL DIGITAL) 0.5 V (p-p) 75 Ω pin jack x 1...

Page 24: Troubleshooting

Troubleshooting WARNING Under no circumstances should you try to repair the system yourself, as this will invalidate the warranty. Do not open the system as there is a risk of electric shock. If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to remedy a problem by following these guides, consult your dealer or TOSHIBA for help. Problem Solution No power -Check if the AC power cord is properly connected. -Press the 2 ON/STANDBY on the front of the DVD player to turn on the power. No picture -Refer to your TV' s manual for correct Video In channel selection. Change the TV channel until you see the DVD screen. -Check if the TV is switched on. -If the progressive scan feature is activated but the connected TV does not support progressive scan set up or to deactivate the progressive scan feature.

This manual is also suitable for:

Sd-270eke