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You can read the recommendations in the user guide, the technical guide or the installation guide for TOSHIBA SD-290-EKB. You'll find the answers to all your questions on the TOSHIBA SD-290-EKB in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

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User guide TOSHIBA SD-290-EKB
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Manual abstract:

2. 3. 4. 5. 6. 7. 8. 9. CAUTION: VISIBLE LASER RADIATION WHEN OPEN. @@ DANGEROUS HIGH VOLTAGES ARE PRESENT INSIDE THE ENCLOSURE.

DO NOT OPEN THE CABINET. REFER SERVICING TO QUALIFIED PERSONNEL ONLY. @@ RETAIN THIS BOOKLET FOR FUTURE REFERENCE. CAUTION: USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE. 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 equipment.

IMPORTANT SAFETY INSTRUCTIONS This unit has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user. @@ REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

Read these instructions. Keep these instructions. Read all warnings. Follow all instructions. Do not use this appliance near water. Clean only with dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. @@@@ Only use attachments/accessories specified by the manufacturer. @@ When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

Unplug this apparatus during lightning storms or when unused for long periods of time. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped. Do not overload wall outlets; extension cords, or integral convenience receptacles as this can result in a risk of fire or electric shock. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus. Keep your fingers well clear of the disc tray as it is closing. Neglecting to do so may cause serious personal injury. Do not place a heavy object on or step on the apparatus. The object may fall, causing serious personal injury and serious damage to the apparatus. 10.

11. 12. 13. 14. 15.

16. 17. Introduction English 18. Do not use a cracked, deformed, or repaired disc. These discs are easily broken and may cause serious personal injury and apparatus malfunction.

19. If the apparatus should smoke or smell, immediately disconnect the power cord from the wall outlet. Wait until the smoke or smell stops, then ask your dealer for a check and repair. Neglecting to do so may cause fire. 20. While it is thundering, do not touch the connecting cables or the apparatus. 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. DO read the operating instructions before you attempt to use the equipment.

DO 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. DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment. DO 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 manufacturer's approved stand or legs with the fixings provided according to the instructions. 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 unattended 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; - NEVER guess or take chances with electrical equipment of any kind - it is better to be safe than sorry! The following information applies only to the model for U.K.. General Information This appliance may be fitted with a non-rewireable plug.

If it is necessary to change the fuse in a non-rewireable plug the fuse cover must be refitted. If the fuse cover is lost or damaged, the plug must not be used until a replacement available from the appliance manufacturer is obtained. If the plug has to be changed because it is not suitable for your socket, or becomes damaged, it should be cut off and an appropriate plug fitted following the wiring instructions below. The plug removed must be disposed of safely as it is hazardous if inserted into a live socket. The wires in this mains lead are coloured in accordance with the following code: BLUE: NEUTRAL BROWN: LIVE As the colours of the wires in the mains lead of this unit may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: The wire that is coloured blue must be connected to the terminal in the plug which is marked with the letter N or coloured black. The wire that is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. or IMPORTANT Do not connect either wire to the earth terminal which is marked by the letter E or by the safety earth symbol coloured green or green-and-yellow. Use a 5A BS1362 fuse which is approved by ASTA or BSI. Always replace the fuse cover after changing the fuse.



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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. 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.

Environmental Information All unnecessary packaging has been omitted.

The packaging has been made easy to separate into three materials; cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet). Your DVD player consists of materials which can be recycled and reused if disassembled by a specialised company. Please observe the local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment. LASER Type Semiconductor laser InGaAlP(DVD)

AlGaAs(CD) Wave length 658 nm(DVD) 790 nm(CD) Output Power 10.0 mW(DVD) 7.

0 mW(VCD/CD) Beam divergence 60 degrees Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable. 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. English Introduction WARNING: RISK OF ELECTRIC SHOCK! Never attempt to service this product yourself. Opening and removing the covers may expose you to dangerous voltage or other hazards. Failure to follow this WARNING may result in death or serious injury. Refer all servicing not specified in this manual to a Toshiba Authorized Service Center. CAUTION! Do not use solvents such as benzene, thinner, commercially available cleaners, or anti-static sprays intended for analog discs. Since the optical unit (laser) of the DVD system operates at a higher power than regular DVD or CD players, cleaning CDs intended for DVD or CD players may damage the optical unit (laser). Therefore, refrain from using a cleaning CD. Setup Finding a suitable location -Place the set on a flat, hard and stable surface. -Do not place the set on a carpet.

-Do not position the set on top of other equipment that might heat it up (e.g., receiver or amplifier). -Do not put anything under the set (e.g. CDs, magazines).

-Install this unit near the AC outlet and where the AC power plug can be reached easily. Space for ventilation -Place the apparatus in a location with adequate ventilation to prevent internal heat build up. Allow at least 10 cm (4.0") clearance from the rear and the top of the set and 5 cm (2.

0") from the left and right to prevent overheating. 5cm (2.0") 10cm (4.0") 10cm (4.0") Moisture Condensation Moisture condensation damages the DVD player.

Please read the following carefully. Moisture condensation occurs, for example, when you pour a cold drink into a glass on a warm day. Drops of water form on the outside of the glass. In the same way, moisture may condense on the optical pick-up lens inside this unit, one of the most crucial internal parts of the DVD player. If you use the DVD player in such a situation, it may damage discs and internal parts.

Remove the disc, connect the power cord of the DVD player to the wall outlet, turn on the DVD player, and leave it for two or three hours. After two or three hours, the DVD player will have warmed up and evaporated any moisture. Keep the DVD player connected to the wall outlet and moisture condensation will seldom occur. Region Codes This DVD player is designed to support the Region Management System. Check the regional code number on the disc package. If

the number does not match the player's region number (see table on page 5), the player may be unable to playback the disc. 5cm (2.0") Avoid high

temperatures, moisture, water and dust -Apparatus shall not be exposed to dripping or splashing. -Do not condensation Region Codes Table of Contents

Connecting to television Connecting to a Stereo System Connecting to a Digital AV Receiver Connecting the power cord Front and Rear panels Remote

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Connections Product Overview Getting Started Inserting Batteries Finding your viewing channel Setting up Progressive Scan feature Setting the language . Playable discs Playback from Disc Starting disc playback Basic playback control Operations for video playback (DVD/VCD/SVCD) Selecting various repeat functions Viewing the disc playback Information Special DVD Features Special VCD and SVCD Feahe 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 or All depending on the capabilities of your Receiver (see page 21 {Digital Output}). Tip:

-If the audio format of the Digital Output does not match the capabilities of your receiver, the receiver will produce a strong, distorted sound or no sound at all.

Helpful hint: Before making or changing any connections, make sure that all the devices are disconnected from the power outlet. Product Overview Front and

Rear panels Disc tray - Place a disc here OPEN/CLOSE - Opens or closes the disc tray I/2 ON/STANDBY - Turns the player on or switches it to standby

(USB) jack - Input for USB flash memory. Display - Shows information about the current status of the DVD Player - Starts or pauses playback STOP - Stops

playback B/X PLAY/ PAUSE IR Sensor - Points the remote control towards this sensor MAINS ~ - Connects to a standard AC outlet AUDIO OUT (Left/Right)

- Connects to SCART input of a TV SCART OUT - Connects to Audio input of a TV, an amplifier, receiver or stereo system Y, PB, PR Component Video Out -

Connects to Y, PB, PR input of a TV - Connects to coaxial Audio input of a digital audio equipment COAXIAL(Digital audio out) - Connects to CVBS Video

input of a TV VIDEO Out (CVBS) DVD display The indicators vary depending on the kinds of disc you play. Chapter/Track number indicator DVD video disc

-During playback: Example VIDEO CD -During playback: Example Audio CD -During playback: Example Some discs may only display chapter numbers.

Multifunctional indicator (indicates operating status or messages, etc.



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) No disc Bad disc Some discs may only display track numbers. OPEN Some discs may only display track numbers. LOAD/CLOSE Power Off "----" may also appear in other situation.

0 English Product Overview Remote Control English See the page in [] for details. [16] DISPLAY -Displays information on TV screen during playback [14] OPEN/CLOSE -Open/close the disc tray [14, 16, 22] Number Buttons -Selects numbered items in a menu -Press to enter track/chapter/title numbers or password directly [14] +10 button -Press to enter number greater than 9 -Press +10 button repeatedly to select 10,20,30...etc [15, 16] MENU -Enters or exits the disc menu -Switches on or off the Playback Control (PBC) mode (for VCD 2.

0 / SVCD only) [13] OK -Acknowledge menu selection [17] RETURN -To go back to previous menu [16, 18] TITLE -Show title menu -Press to view a page of 9 thumbnail images during JPEG playback [15] F.R & F.F -Do a forward/reverse search [14, 16, 17] PREV & NEXT -Skip to previous / next chapter / track [15] REPEAT -Selects various repeat mode [16] A-B -Repeats playback from point A to B on a disc [15] SLOW -Do a slow forward [15] CLEAR -Delete the mistyped entries or cancel some functions REMOTE SIGNAL EMITTER [12] -Point remote control to the sensor on the front panel 2ON / STANDBY [12, 14] -To switch the DVD player to ON or standby mode T - SEARCH [16] -Start playback from a designated point SETUP [12, 19] -Enters or exits the system setup menu [15, 17, 18] -Cursor buttons for moving to the left / right / up / down -To rotate the JPEG picture during playback STEP -Play video frame by frame PLAY/PAUSE [14, 15] -Starts or pauses playback STOP [15] -Stops play SUBTITLE [16] -To access subtitle language ANGLE [16] -Switch the camera angle during playback AUDIO [16] -Selects an audio setting (DVD) or an audio channel (VCD) ZOOM [15, 18] -Enlarge a picture on the TV RANDOM [18] -Toggles between Normal and Random playback PROG [15] -To program playback or cancel the program playback USB [18] -To call up the DISC/USB mode selection menu. Getting Started Inserting Batteries screen. Usually these channels are between the lowest and highest channels and may be called FRONT, A/V IN or VIDEO.

See your TV's manual for more details. Or, you may go to channel 1 on your TV, then press the Channel down button repeatedly until you see the Video In channel. Or, the TV remote control may have a button that chooses different video modes. Or, tune the TV until you can see the DVD player signal from 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. A Open the battery compartment. B Insert two batteries type R03 or AAA, following the indications (+ / -) inside the compartment. C Close the cover. CAUTION: - Never throw batteries into a fire.

- The batteries shall not be exposed to excessive heat such as sunshine, fire or the like. Note: - Be sure to use AAA size batteries. - Dispose of batteries in a designated disposal area. - Batteries should always be disposed of with the environment in mind. Always dispose of batteries in accordance with applicable laws and regulations. - If the remote control does not operate correctly, or if the operating range becomes reduced, replace batteries with new ones. - When necessary to replace batteries in the remote control, always replace both batteries with new ones. Never mix battery types or use new and used batteries in combination. - Always remove batteries from remote control if they are dead or if the remote control is not to be used for an extended period of time. This will prevent battery acid from leaking into the battery compartment.

Setting up Progressive Scan feature (For Progressive Scan TV only) The progressive scan display twice the number of frames per seconds than interlaced scanning (ordinary normal TV system). With nearly double the number of lines, progressive scan offers higher picture resolution and quality. Before you start...

-Ensure that you have connected this DVD player to a progressive scan TV using the Y, PB, PR connection (see page 7). -Ensure that you have completed the basic installation and set up. Turn on your TV and select the video input connected to the DVD player (refer to your TV user manual). Press I/2ON/STANDBY on the remote control to turn on the DVD player. The blue DVD background screen will appear on the TV.

Press SETUP. Press / to select { Video }, then press . Language A B Using the Remote Control to Operate the System C D Aspect Ratio View Mode TV System Video Out Smart Picture JPEG Interval : 4:3 : Auto Fit : PAL Component RGB P-Scan 30 30 Within about 6m (19 feet) OPEN/CLOSE DISPLAY Video Audio ON/STANDBY 1 4 7 +10 2 5 8 0 3 6 9 T-SEARCH Rating A Aim the Remote Control directly at the remote sensor (IR) on the front panel. B Do not put any objects between the Remote Control and DVD Player while operating the DVD Player. MENU SETUP OK RETURN F.R TITLE F.F PREV NEXT STEP PLAY/PAUSE STOP REPEAT A-B SLOW CLEAR SUBTITLE ANGLE AUDIO ZOOM RANDOM PROG Misc E Press / to select { Video Out }, then press . F Select { P- Scan }, then press OK to confirm. The menu will appear on the TV. Video Out Activating Progressive Scan 1.

Ensure your TV supports Progressive Mode 2. If there is a distorted picture on the TV, wait 15 seconds for automatic recover Yes No Finding your viewing channel S E -R 0268 A Press I/2ON/STANDBY on the DVD player to turn it on. B Turn on the TV and set it to the correct video-in channel. You should see the blue DVD background Helpfulhint: Press to go back to previous menu item. Press SETUP to exit the menu item. English Getting Started/Playback from disc G Press to highlight { Yes } and press OK to confirm. The reconfirmation menu will appear on the TV. Video Out on the disc, the disc's default language will be used instead. Language English Confirm again to use new setting 14 seconds Yes No OSD language Subtitle : English : Auto Video DivX Subtitle Audio : Standard English German Polish Audio DVD Menu H Press to highlight { Yes } and press OK to confirm. The setup is now completed and you can start enjoying the high quality picture.

Rating Hungarian Portuguese Misc A Wait for 15 seconds for the auto recovery. A Press OPEN/CLOSE ζ on the DVD player to open the disc tray. B Press number button ' 1 ' on the remote control for a few seconds. The DVD background screen appears. Tip: -TherearesomeprogressivescanTVsandHighDefinition TVs that are not fully compatible with this unit,resultingintheunnaturalpicturewhenplaying backaDVDVIDEODiscintheprogressivescan mode. Insuchacase,turnofftheprogressivescanfeatureonboththeDVDplayerandyourTV.



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To deactivate Progressive Scan manually: OR A Press SETUP. B Press / to select { Language }, then press . C Press / to highlight one of the options below, then press . { Subtitle } Select this to change the subtitle language.
{ Audio } Select this to change the disc soundtrack language. { DVD Menu } Select this to change the language of the disc menu. D Use / to select a language and press OK to confirm. E Repeat steps C - D for other language settings. **IMPORTANT!** - DVD discs and players are designed with regional restrictions. Before playing a disc, make sure the disc is for the same zone as your player. - If ' appears on the TV screen when a button is pressed, it means the function is not available on the current disc or at the current time. Setting the language Choose your desired On-Screen Display(OSD)language where available. On-Screen Display (OSD) Language The On-screen language for the system setup menu will remain as you set it, regardless of various disc languages. Language Playable discs Using this DVD player, you can playback on the following discs.

Some of these discs may be incompatible. DVD Video disc(Digital Versatile Disc) DVD+R/RW (DVD Recordable / Rewritable), DVD+R DL (Dual layer) of DVD Video format or Audio/Video formats (e.g., MP3, JPEG and DivX® files). CD-R (CD-Recordable) Audio/Video formats (e.g., MP3, JPEG and DivX® files). CD-RW (CD-Rewritable) Audio/Video formats (e.g., MP3, JPEG and DivX® files).

Audio CD (Compact Disc Digital Audio) OSD language Subtitle English Deutsch Polski Hungarian : English : English Português Video DivX Subtitle Audio Audio DVD Menu Rating Misc A Press SETUP. B Press / to select { Language } C Press to highlight { OSD language }, then press . D Press / to select a language and press OK to confirm. Audio, Subtitle and DVD menu language You can choose your own preferred language or soundtrack from audio, subtitles and DVD menu languages. If the language selected is not available Helpfulhint: Press to go back to previous menu item.

Press SETUP to exit the menu item. Playback from disc/Playback Feature Video CD (Formats 1.0, 1.1, 2.0) Super Video CD MP3-Disc is a trademark of DVD Format/Logo Licensing Corporation.

Because of problems and errors that can occur during the creation of DVD and CD software and/or the manufacture of DVD and CD discs, Toshiba cannot assure that this DVD player will successfully play every disc bearing the DVD and CD logos. If you happen to experience any difficulty playing a DVD and/or CD disc on this DVD player, please contact Toshiba Customer Service. This DVD player requires discs/recordings to meet certain technical standards in order to achieve optimal playback quality. There are many different types of recordable disc formats (including CD-R containing MP3 files). Not all recordable discs will operate or produce optimal playback quality. The technical criteria set forth in this owner's manual are meant only as a guide. Use of CD-RW for MP3 files is not recommended. You must obtain any required permission from copyright owners to download or use copyrighted content. Toshiba cannot and does not grant such permission. Tips: Maximum100sessionsforCDand10multiborderforDVDaresupported.

For DVD-R, DVD-RW multi border, only finalized disc can be supported. For DVD+R and DVD+RW multi border, both finalized and unfinalized disc cannot be supported. Starting disc playback A Turn on the TV and select the video input connected to the DVD player. B Press I/2ON/STANDBY to turn on the DVD player. C Press OPEN/CLOSE to open the disc tray. D Place a disc onto the disc tray with the label facing up, then press OPEN/CLOSE. For double-sided discs, load the side which you want to play facing up. E Playback may start automatically. If not, press PLAY/ PAUSE . If a disc menu appears on the TV, see page 15 'Using the disc menu'.

If the parental control was activated for the inserted disc, you have to enter your four-digit password, see page 22. For more playback features, see pages 14 - 18. Tips: -Do not overturn the DVD player while disc loading, playing or ejecting. - Do not close the disc tray manually even if the power is switched off. Supported Formats MP3 tracks -The file extensions has to be ' .

mp3 ' . -JPEG/ISO format. Basic playback control -Maximum 8 characters display for folder name. -Maximum 15 characters display for file name. Unless otherwise stated, all operations described are -Supported sampling frequencies & corresponding based on Remote Control use.

bit-rates; 32kHz, 64-320 kbps Pausing playback 44.1kHz, 48kHz 80-320 kbps JPEG/Pictures A During playback, press PLAY/PAUSE to pause -The file extensions has to be '.JPG ' and not playback and display a still picture. '.JPEG' . Sound will be muted. -JPEG/ISO format. B To resume normal playback, press PLAY/PAUSE -Maximum of 5760x3840 resolution can be again. supported. Skipping chapter/track -Maximum file size: 10M.

-Maximum of 500 files and 200 folders are Press PREV / NEXT to go to the previous supported. or next chapter/track during playback. -When the number of files(or folders) reaches the When PREV is pressed after the 5 seconds maximum limit, the rest of the files(or folders) cannot of playback, playback will start from the beginning be displayed. of the current chapter/track. If you press the button -It can only display DCF-standard still pictures or within the 5 seconds, playback will start from the JPEG pictures such as TIFF. beginning of the preceding chapter/track. DivX® Press DISPLAY to display the disc -The file extensions has to be '.AVI ' , '.MPG ' or information for title/chapter/track. ' .

MPEG ' . Use Number buttons to enter valid chapter / track -DivX® 3.11, 4.x, 5.x and 6.

0. number directly. For the track/chapter numbers which -Q-pel accurate motion compensation. are greater than 9, use +10 button. Each Global Motion Compensation (GMC) playback.

Helpfulhint: Some discs cannot be played on this DVD player due to the configuration and characteristics of the disc, or due to the condition of recording and authorizing software English -Official DivX® Certified product. -Plays all versions of DivX® video (including DivX® 6) with standard playback of DivX® media files. Playback Feature presses increases the number by 10. Then press the second digit of track/Chapter number. The playback skips to the selected chapter / track. Tip: -For VCD2.0/SVCD discs, accessing tracks using number buttons is not possible if the PBC mode is turned on. Operations for video playback (DVD/ VCD/SVCD) Using the disc menu Depending on the disc, a menu may appear on the TV screen once you load in the disc. To select a playback feature or item Use /// or number buttons on the remote control, then press OK to start playback. To access or remove the menu.

Press MENU on the remote control. English Stopping playback A During playback, press STOP .



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{ Greek } English and Modern Greek only. { Hebrew } English and Modern Hebrew only. B Use / to select a setting and press OK to confirm. English Using the Language setup menu A Press SETUP on the remote control. The system setup menu appears. OSD language : English Language Subtitle Video :Auto :Standard DivX Subtitle Audio : English : English DVD Menu Rating Misc B Press / to select {Language }, then press . C Press / to select an item, then press to access. Example: { OSD language } 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. D Use / to select a setting and press OK to confirm. Example: { English } The setting is selected and setup is completed. E To exit, press SETUP. Using the Video setup menu A Press SETUP on the remote control.

The system setup menu appears. Language Aspect Ratio View Mode TV System Video Out Smart Picture JPEG Interval : 4:3 4:3 : Auto Fit : PAL :RGB : Standard : 5 Seconds Video Audio Rating Misc OSD Language This menu contains various language options for the language displayed on the screen. ® Subtitle/Audio/DVD Menu/DivX Subtitle These menus contains various language options for audio, subtitle, DVD menu and DivX® subtitle which may be recorded on the DVD. Tips: -SomeDVDvideodiscsmaybesettodisplay subtitlesinadifferentlanguageotherthanyouselected.Aprior subtitlelanguage maybe programmedonthedisc. -SomeDVDvideodiscsallowyou tochange subtitle selectiononlyviathediscmenu.Ifthisisthecase, presstheMENUbuttonandchoosetheappropriate subtitlelanguagefromtheselectiononthedisc menu. -SomeDVDvideodiscsmaynotbeplayedina differentaudiolanguagethatyouselected.Aprior language maybe programmedonthedisc. -SomeDVDdiscsmaynotincludeyourpre-selected language.

Inthiscase,theDVDplayer automaticallydisplaysdiscsmenusconsistentwith thedisc'sinitiallanguage setting. B Press / to select { Video }, then press C Press / to select an item, then press to access. Example: { Video Out } 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. D Use / to select a setting and press OK to confirm. Example: { P-Scan } The setting is selected and setup is completed. E To exit, press SETUP. Aspect Ratio The picture shape can be adjusted to fit your TV and the format must be available on the playback disc. Otherwise, the TV display will not affect the picture during playback. A In ' Video ', press / to select {Aspect Ratio }, then press .

{ 4:3 } Select this if you have a normal TV. A 'wide-screen' source display with black bars on the top and bottom will be displayed on the TV screen. { 16:9 } Select this for wide-screen TV (frame ratio 16:9). B Use / to select a setting and press OK to confirm. DivX® Subtitle If your DivX® files include a subtitle file (see page 17 for the supported file formats), you may select a supported DivX® subtitle language by region.

A In ' Language', press / to select Helpfulhint: Press to go back to previous menu item. Press SETUP to exit the menu item. DVD Menu Options View Mode A Use view mode to scale an image that fits to the TV screen's width and height. In ' Video ', press / to select { View Mode }, then press . { Fill } Fill the screen with decoded image.

{ Original } Display image as its original size. { Height Fit } Fit the screen height with image height. { Width Fit } Fit the screen width with image width. { Auto Fit } Automatically display the decoded image on screen at a suitable size. { Pan Scan } Automatically display decoded image on full screen without distortion. Use / to select a setting and press OK to confirm. Tip: -Dependingonthetypeofdisc,youmaynotbeable toviewthemodeasselected. A Smart Picture This DVD player provides four predefined sets of picture color settings. In ' Video ', press / to select {Smart Picture }, then press . { Standard } Select this for a preset standard picture setting.

{ Vivid } Select this to make the picture brighter. { Cool } Select this to make the picture softer. { Personal } Select this to personalize your picture color by adjusting the brightness, contrast, tint and color (saturation). Use / to select a setting and press OK to confirm. If you select { Personal }, then proceed to steps D~G. The setup menu appears. Brightness Contrast Tint Color 0 0 0 0 B C B 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 identifies PAL or NTSC video system of a disc.

Connect a multisystem TV (PAL/NTSC compatible) to view a picture. A playback picture may be distorted when detected a signal change between PAL and NTSC on the disc. For the case of Progressive mode, your multisystem TV must be able to support 525p and 625p. With the disc tray opened, you can also press number button "3" to switch between "NTSC" and "PAL". Close Video Out The video output of the DVD player can be selected as "Component", "RGB" or "P-Scan".

A In ' Video ', press / to select { Video Out }, then press . { Component } Select this for composite video or component video connection. { RGB } Select this for Scart connection. { P-Scan } Select this when you connect your DVD player to your TV, which has component video inputs that supports progressive scan. B Use / to select a setting and press OK to confirm.

If the progressive scan feature is activated but the connected TV does not support progressive scan, press number button "1" with the disc tray opened to set the video output of the DVD player to "Component". Helpfulhint: Press to go back to previous menu item. Press SETUP to exit the menu item. D Press / to highlight one of the following options. Brightness Increase the value to brighten the picture or vice versa. Choose zero (0) for average setting. Contrast Increase the value to sharpen the picture or vice versa. Choose zero (0) to balance the contrast. Tint Increase the value to darken the picture or vice versa. Choose zero (0) for average setting.

Color Increase the value to enhance the colour in your picture or vice versa. Choose zero (0) to balance the colour. E Press / to adjust the setting that best suits your personal preference. F Repeat steps D~ E to adjust your picture preference. G Press / to select Close and press OK to confirm. JPEG Interval You can continuously playback all JPEG files automatically. Set "JPEG Interval" to "5 Seconds", "10 Seconds" or "15 Seconds". A In ' Video ', press / to select { JPEG Interval }, then press .



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{ Off } Plays back one file at a time. { 5 Seconds } Plays back images in the form of a slide show at 5 seconds intervals.
{ 10 Seconds } Plays back images in the form of a slide show at 10 seconds intervals { 15 Seconds } 0 English DVD Menu Options Plays back images in the form of a slide show at 15 seconds intervals B Use / to select a setting and press OK to confirm. A In Audio, press / to select { Night Mode }, then press . { On } Select this to set low volume output. This feature is only available for movie discs with Dolby Digital mode. { Off } Turns off night mode feature. Select this to enjoy the surround sound with its full dynamic range. B Use / to select a setting and press OK to confirm. English Using the Audio setup menu A Press SETUP on the remote control. The system setup menu appears. Language Digital Output Night Mode Down Sampling 3D Effects : All : Off : On : Off
Down Sampling You can enable and disable the digital signal for better sound output quality.
A In Audio, press / to select { Down Sampling }, then press . { Off } If your amplifier / decoder is compatible with 96 KHz PCM, select " Off " . Sound is sampled at 96 KHz. { On } If your amplifier / decoder is not compatible with 96 KHz PCM, select " On " . Sound recorded at 96 KHz is down sampled to 48 KHz. B Use / to select a setting and press OK to confirm. Tip: -When playing back disc with copyright protection, the sound will be down sampled to 48 KHz even when you select Down Sampling off. Video Audio Rating Misc B Press / to select { Audio }, then press . C Press / select an item, then press to access. Example: { Night Mode } 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. D Use / to select a setting and press OK to confirm. Example: { On } The setting is selected and setup is completed. E To exit, press SETUP. 3D Effects To obtain expansive virtual surround sound effects from two speakers, set 3D Effects to on. This enhancement sounds only output from the Analogue AUDIO OUT (L / R) jacks of the DVD player.

A In 'Audio', press / to select { 3D Effects }, then press . You can set to { Off } or { On }. B Use / to select a setting and press OK to confirm. Tip:

-Only effective in playback of a DVD Video disc with Dolby Digital 5.

1 bit stream. Digital Output Select this if you connect to a multichannel decoder/ receiver. A In 'Audio', press / to select { Digital Output }, then press . { All }

Select this if the connected device has a built-in multichannel decoder that supports one of the multichannel audio format (Dolby Digital, DTS). { PCM }

Select this if the connected device is not capable of decoding multichannel audio.

The DVD player will convert the Dolby Digital signal to PCM (Pulse Code Modulation). { Off } To deactivate the digital audio output. For example, if you use the AUDIO OUT jacks to connect to a TV or stereo system. B Use / to select a setting and press OK to confirm. Tip:

-When playing MPEG, MP3 and set Digital Output to { All }, the player will output PCM signals.

Using the Rating setup menu A Press SETUP on the remote control. The system setup menu appears. Language Parental control : 8. Adult Set Password Video

Audio Rating Misc Night Mode This mode optimizes playback of sound at low volume. High volume outputs will be softened and low volume outputs are brought upward to an audible level. Helpful hint: Press to go back to previous menu item. Press SETUP to exit the menu item. B Press / to select { Rating }, then press . C Press / to select an item, then press to access. Example: { Parental control } DVD Menu Options 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. D Use / to select a setting and press OK to confirm. Example: { 8. Adult } The setting is selected and setup is completed. E To exit, press SETUP. Changing the Password You need to enter your four-digit password to play a prohibited disc or if prompted for a password. A In Rating, press / to select { Set Password }, then press OK. You will be prompted to enter your four-digit password. Enter Password Rating Level settings Depending on the DVD, you may be asked to change the parental level while playing the disc. The rating levels are from 1 to 8 and are country dependent.

You can prohibit the playing of certain discs that are not suitable for your children, or have certain discs played with alternative scenes. In 'Rating', press / to select { Parental control }, then press . Use the number buttons to enter the four-digit password, then press OK. (See 'Changing the Password' on this page.) Press OK again to list the parental level.

{ 1. Kid Safe } Suitable for children. { 2. G } General Audience; recommended as acceptable for viewers of all ages. { 3.

PG } Parental Guidance suggested. { 4. PG-13 } Unsuitable for children under 13. { 5. PG-R } Parental Guidance Recommended. { 6. R } Restricted; under 17 requires accompanying parent or adult guardian. { 7. NC-17 } No one under 17 admitted. { 8.

Adult } DVD softwares of any grades (adult/general/children) can be played back. Should be viewed only by adults due to graphic sexual material, violence or language. Use / to select a rating level and press OK to confirm. Select { 8. Adult } to disable parental level and allow all discs to play. DVDs that are rated higher than the level you selected will not play unless you enter your four-digit password. Tips: -This feature will not limit viewing if the disc manufacturer did not code the disc. -VCD, SVCD, CD have no level indication, so parental control has no effect on the set type of discs. This also applies to most illegal DVDs. -Some DVDs are not coded with a rating though the movie rating may be printed on the disc cover.

The rating level feature does not prohibit play of such discs. A B B Use the number buttons (0-9) to enter the four-digit password. When doing this for the first time, enter the default password 0000 . If you forget your old four-digit password, enter the default password 0000. C Press OK again to enter the new four-digit password.

The new four-digit password will now take effect. Enter New Password D Press OK to confirm. C Using the Misc (Miscellaneous) setup menu A Press SETUP on the remote control. The system setup menu appears. Language Use Default Settings DivX Registration Video Audio Rating Misc D B Press / to select { Misc }, then press .

C Press / to select an item, then press OK to access. Example: { Use Default Settings } 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. D Use / to select a setting and press OK to confirm. Example: { No } The setting is selected and setup is completed.



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E To exit, press **SETUP**. Restoring to original settings Setting the { Use Default Settings } function will reset all options and your personal settings to the factory defaults, except your password and rating level. A In Misc, press / to select { Use Default Settings }, then press **OK**. The menu will appear. Use Default Settings Yes No { Yes } Select this to reset to factory default settings.

English DVD Menu Options { No } Select this to close the menu. B Use / to select a setting and press **OK** to confirm. English DivX Registration DivX registration code allows you to rent and purchase movies using the DivX® VOD service from the internet. For more information, visit website: www.divx.com/vod. A In 'Misc', press / to select { DivX Registration }, then press **OK**. The registration code will appear. B Use the registration code to rent or purchase the movies from DivX® VOD. Registration service at [www](http://www.divx.com/vod).

Follow the instructions and download the movie from your computer onto a CD-R/RW or DVD+R/RW for playback on this DVD player. Tips: -

All the downloaded movies from DivX® Registration can only be played back on this DVD player. Time search feature is not available during DivX® movie playback. ® ® Tray Lock Press **SETUP** button, then press the number button "2006" in sequence to lock the tray. All functionality of the player and playback remain the same except for the **OPEN/CLOSE** button. After the tray is locked, "Tray Lock Is On" will appear on the screen when **OPEN/CLOSE** is pressed. To unlock the tray, just follow the same procedure as above. Specifications DVD Player/Outputs/Supplied Accessories DVD Player Power supply Power Consumption Net weight External dimensions Signal System Laser Frequency range Signal-to-noise ratio Audio dynamic range Harmonic distortion Wow and flutter Operating conditions Outputs Video output Video output (SCART) Component video output Audio output (SCART) Audio output (COAXIAL DIGITAL) Audio output (ANALOG) Supplied Accessories Remote control(SE-R0335) 1.

0 V (p-p) , 75 negative sync., pin jack x 1 1.0 V (p-p) , 75 , SCART socket x 1 (Y) 1.0 V (p-p), 75 negative sync., pin jack x 1 (P B)/(P R) 700 mV (p-p), 75 , pin jack x 2 2.0 V (rms), 680 , SCART socket x 1 0.5 V (p-p) 75 pin jack x 1 2.0 V (rms), 680 , pin jacks (L/R) x 1 110 V - 240 V AC, 50/60 Hz 12W (standby : <1W) 1.48 kg 430 X 43 X 209 mm (W/H/D) PAL, NTSC Semiconductor laser, wavelength 650/780 nm DVD linear sound : 48 kHz sampling 4 Hz to 22 kHz 96 kHz sampling 4 Hz to 44 kHz More than 90 dB More than 80 dB Less than -65 dB Below measurable level [(less than 0.001 % (W.

PEAK)] Temperature : 5 C to 35 C Operation status :Horizontal O O OPEN/CLOSE DISPLAY ON/STANDBY 1 4 7 +10 2 5 8 0 3 6 9 T-SEARCH MENU SETUP Batteries(AAA) OK RETURN F.R STEP F.F PREV TITLE NEXT STOP PLAY/PAUSE REPEAT A-B SLOW CLEAR SUBTITLE ANGLE AUDIO ZOOM RANDOM PROG The model complies with the above specifications. Designs and specifications are subject to change without notice. This model may not be compatible with features and /or specifications that may be added in the future. S E -R 0268 English Troubleshooting WARNING Under no circumstances should you try to repair the DVD player yourself, as this will invalidate the warranty. Do not open the DVD player as there is a risk of electric shock. If a fault occurs, first check the points listed below before taking the DVD player for repair. If you are unable to remedy a problem by following these guides, consult your dealer or TOSHIBA for help. Problem No power Solution -Check if the AC power cord is properly connected.

-Press the I/ON/STANDBY on the front of the DVD player to turn on the power. -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 signals or the cables are not connected accordingly.

See pages 12-13 for proper progressive scan set up or deactivate the progressive scan feature as follow: 1) Press **OPEN/CLOSE** on the DVD Player. 2) When the disc tray is opened, press number button 1 on the remote control for a few seconds. -Sometimes a small amount of picture distortion may appear depending on the disc being played back. This is not malfunction. -May be caused by View Mode Setting (see page 20).

Set to Original for normal viewing. -Connect DVD Player directly to the TV. -Make sure the disc is compatible with the DVD player. -Ensure that the DVD Player's setting is set to match that of the disc and your TV. -Adjust the volume. -Check that the speakers are connected correctly. -Check the digital connections. -Check if your receiver can decode MPEG-2 or DTS and if not, please make sure the digital output is set to PCM. -Check if the audio format of the selected audio language matches your receiver capabilities. -Check that the cable is connected to the correct device (See Connecting to television).

-The DVD+R/RW must be finalized and in Video mode format. -Ensure the disc label is facing up. -Check if the disc is defective by trying another disc. -Wrong region code. -Check the disc for fingerprint/scratches and clean with a soft cloth wiping from centre to edge. -Reset the unit by switching the player off, then on again. -Aim the Remote Control directly at the sensor on the front of the player. -Reduce the distance to the player. -Replace the batteries in Remote Control. -Re-insert the batteries with their polarities(+/- signs)as indicated.

-To completely reset the player, unplug the AC cord from AC outlet for 5-10 seconds. English No picture Distorted picture Picture clipped Completely distorted picture or black /white picture with DVD. No sound / distorted sound No audio at digital output No sound and picture Disc cannot be played Picture freezes momentarily during playback No return to start-up screen when disc is removed The player does not respond to the Remote Control Buttons do not work Troubleshooting Problem Player does not respond to some operating commands during playback. DVD Player cannot read CDs /DVDs Solution English -Operations may not be permitted by the disc. Refer to the instructions of the disc jacket.

@@-Press **STOP** twice before selecting system setup menu. @@@@See also Digital audio. Aspect ratio: The width of a TV screen relative to its height. Conventional TVs are 4:3 (i.e.

, the screen is almost square). Widescreen models are 16:9 (the screen is almost twice as wide as its height) Chapter: Just as a book is split up into several chapters, a title on a DVD disc is usually divided into chapters. See also Title. AUDIO OUT jacks: Jacks on the back of the DVD System that send audio to another system (TV, Stereo, etc.) Bit rate: The amount of data used to hold a given length of music; measured in kilobits per seconds, or kbps.



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Or, the speed at which you record. Generally, the higher the bit rate, or the higher the recording speed, the better the sound quality. However, higher bit rates use more space on a disc. Disc menu: A screen display prepared for allowing of selection of images, sound, subtitle, multi-angles etc. recorded on the DVD.

Digital audio: An indirect representation of sound using numbers. @@@@See also Sampling frequency and Analogue audio. @@@@It works with stereo (2ch) or multi-channel audio. DTS®: (Digital Theater System) DTS is a Multi-channel surround sound system, but it is different from Dolby Digital. Both formats were developed by Digital Theater Systems, Inc. JPEG: (Joint Photographic Experts Group) JPEG is a method of compressing still image files. You can copy JPEG files on CD-RW / R or DVD+R / RW discs from a computer and play back the files on this unit. MP3: (MPEG Audio Layer 3) MP3 is a method of compressing files. You can copy MP3 files on CD-RW / R or DVD+R / RW discs from a computer and play back the files on this unit. Multichannel:

DVD is specified to have each sound track constitute one sound field.

Multichannel refers to a structure of sound tracks having three or more channels. Parental control: A function of the DVD to limit playback of the disc by the age of the users according to the limitation level in each country. The limitation varies from disc to disc; when it is activated, playback will be prohibited if the software's level is higher than the user-set level. PBC (Video CD only): (Playback Control) This function enables you to play back interactive software using a menu screen. See also Title.

Progressive scan: It displays all the horizontal lines of a picture at one time, as a signal frame. This system can convert the interlaced video from DVD into progressive format for connection to a progressive display. It dramatically increases the vertical resolution. PCM: (Pulse Code Modulation) PCM is a format that converts audio into digital data. It is mainly used for Audio CDs and DAT.

This unit can play back sounds as realistic as possible by converting even compressed Dolby Digital and MPEG audio to PCM. Region code: Regions associate discs and players with particular areas of the world. This unit will only play back discs that have compatible region codes. You can find the region code of your unit by looking on the rear panel. Some discs are compatible with more than one region (or all regions). Sampling frequency: The rate at which sound is measured by a specified interval to turn it into digital audio data. The number of samples in one second is defined as the sampling frequency. The higher the rate is, the better the possible sound quality. Title: (DVD) A collection of chapters on a DVD. See also chapter.

(Video CD) The contents of a Video CD. When playing back a Video CD with the PBC function, the title menu will appear automatically. Track: Audio CDs and Video CDs use tracks to divide the contents of a disc. The DVD equivalent is called a chapter. See also Chapter. English .



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