



# Toshiba D-R1SU Owner's Manual

Dvd video recorder

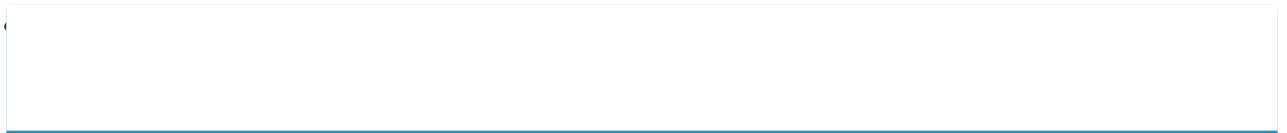


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Troubleshooting

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## Bookmarks

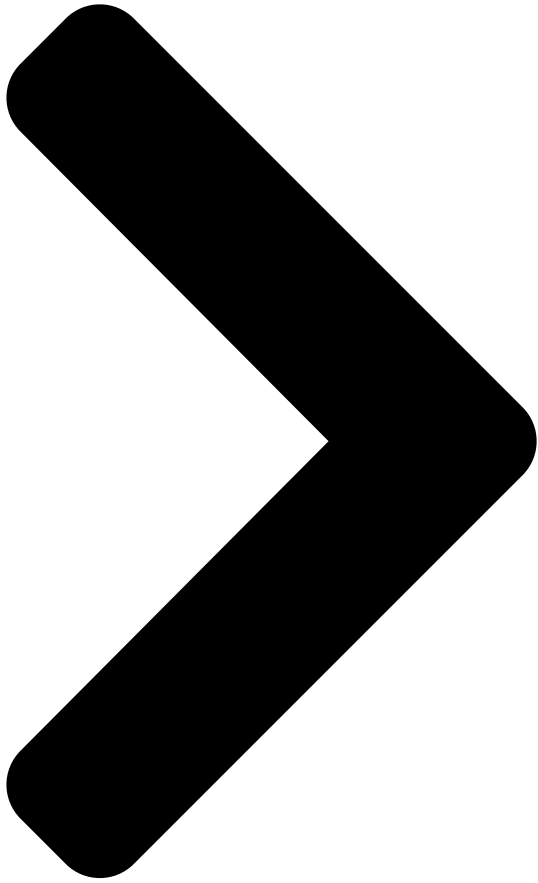
## Quick Links

[1 Rear Panel](#)

[2 Remote Control](#)

[Download this manual](#)

See also: [Service Manual](#) , [Owner's Manual](#)



DIGITAL VIDEO

**DVD VIDEO RECORDER**

**DOSHIBA**  
**DR1SU**

**OWNER'S MANUAL**

**Read the INSTALLATION GUIDE first!**



The bottom of the page features several logos. On the left, there are three overlapping 'DVD VIDEO' logos. In the center, there is a 'COMPACT disc first!' logo. On the right, there is a 'COMPACT disc DIGITAL AUDIO' logo.

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## Related Manuals for Toshiba D-R1SU

### [DVR Toshiba D-R1SU Owner's Manual](#)

(213 pages)

### [DVR Toshiba D-R1SU Service Manual](#)

(58 pages)

### [DVD Recorder Toshiba D-R1 Specification Sheet](#)

Toshiba dvd recorder specification sheet (2 pages)

### [DVD Recorder Toshiba D-R160SB Owner's Manual](#)

Dvd video recorder (67 pages)

### [DVD Recorder Toshiba DVR D-R17DTKB Owner's Manual](#)

Dvd video recorder (88 pages)

### [DVD Recorder TOSHIBA D-R150SB Quick Reference Manual](#)

Dvd video recorder (8 pages)

### [DVD Recorder TOSHIBA D-R150SB Owner's Manual](#)

Dvd video recorder (48 pages)

### [DVD Recorder Toshiba D-R5SC Owner's Manual](#)

Toshiba dvd video recorder owner's manual d-r5su, d-r5sc (58 pages)

### [DVD Recorder Toshiba D-R4SC Owner's Manual](#)

Dvd video recorder (131 pages)

### [DVD Recorder Toshiba D-R400 Owner's Manual](#)

Toshiba dvd video recorder owner's manual (103 pages)

### [DVD Recorder Toshiba D-R4SU Owner's Manual](#)

Dvd video recorder (53 pages)

### [DVD Recorder Toshiba D-R4SU Owner's Manual](#)

Dvd video recorder (195 pages)

### [DVD Recorder Toshiba D-R4SU Service Manual](#)

Dvd video recorder (22 pages)

### [DVD Recorder Toshiba D-RW2SU/D-RW2SC Owner's Manual](#)

Toshiba dvd video recorder owner's manual (159 pages)

### [DVD Recorder Toshiba D-R255-SG Owner's Manual](#)

Dvd recorder (93 pages)

### [DVD Recorder Toshiba D-R250SB Owner's Manual](#)

(93 pages)

## Summary of Contents for Toshiba D-R1SU

[Page 1](#) DIGITAL VIDEO DVD VIDEO RECORDER D-R1SU OWNER'S MANUAL ABLE BOX ONTROL OPERATIONS Read "INSTALLATION GUIDE" first. PM0004737??? © 2003 Toshiba Corporation...

### [Page 2: Table Of Contents](#)

Introduction Table of Contents Introduction Caution for safety ... 4 About this product ... 5 Compatible discs ... 6 Index to Parts and Controls ... 12 ... 12 Front panel and top panel Rear Panel ... 14 ... 16 Remote control ...

[Page 3](#) Library Using Library data ... 112 Basic operation of the Library system Checking remaining space on discs ... 113 Searching for a disc ... 114 Maintenance of Library data



## [Page 4: Introduction](#)

Introduction Introduction Caution for safety Read "SAFETY PRECAUTIONS", "IMPORTANT SAFETY INSTRUCTIONS", "Precautions" and others of the "INSTALLATION GUIDE" first.

## [Page 5: About This Product](#)

Introduction About this product Digital AV equipment This recorder is operated by sophisticated software and is different from other conventional AV equipment. Within the recorder, a DVD-RAM/R/RW drive is installed. The hardware and software work by way of an operating system (OS), which requires some time to start up after turning on the power.

## [Page 6: Compatible Discs](#)

Introduction Compatible discs There are many types and formats in discs. Confirm the compatibility of selected disc to insure proper performance. Notes • Handle the disc according to the disc instruction manual. • Depending on the data recording method or the disc status, playback or recording on this recorder may not be possible, even if the disc is labeled as below.

[Page 7](#) • This recorder uses the NTSC color system, and cannot play DVD video discs recorded in any other color system (PAL, SECAM, etc.), even if they have region marks • There may be some DVD discs designed for this market that cannot be played on this recorder. If you encounter please contact TOSHIBA customer service. Specification • 12cm (4 in.) / 8cm (3...

[Page 8](#) Introduction Compatible discs (Continued) On DVD-RAM discs Use only DVD-RAM discs that comply with DVD-RAM standard Version 2.0 or 2.1. The recorder cannot record on a disc formatted in any other standard. When using such a disc, initialize it using the disc-format function of the recorder. The recorder may not record, dub, or edit some DVD- RAM discs, because they are edited/recorded with another manufacture's equipment or PC, contain a...

[Page 9](#) On DVD-R discs Standards DVD-R for General Ver.2.0/2.1 discs can be used for recording and playback. Discs compatible with 2X speed recording (labeled Ver.2.1/2X etc.) and discs compatible with 4X speed recording (labeled Ver.2.1/4X etc.) can also be used. Select discs labeled "for video," "for recording," "120 min."...

## [Page 10: Structure Of Disc Contents](#)

Introduction Compatible discs (Continued) Structure of disc contents Normally, DVD video discs are divided into titles, and the titles are subdivided into chapters. VIDEO CDs/audio CDs are divided into tracks. DVD video disc Title 1 Chapter 1 Chapter 2 Chapter 1 Chapter 2 Chapter 3 VIDEO CD / audio CD Track 1 Track 2...

[Page 11](#) Discs and purposes The table shows main functions which are available on this recorder per disc category. This will help you choose discs. DVD-RAM disc Suitable for repeat use of the Characteristics on this disc, and data storage for recorder video library.

## [Page 12: Index To Parts And Controls](#)

Introduction Index to parts and controls See pages with arrows for details. Front panel and top panel Front panel ON/STANDBY TIMESLIP INPUT SELECT ON/STANDBY ON/ST ANDBY TIMESLIP TIMESLIP INPUT INPUT SELECT SELECT INPUT 2 S-VIDEO S-VIDEO VIDEO VIDEO ON/STANDBY button page 20, 21 Turns the power on/restores the unit in the standby mode.

[Page 13](#) Ç ON/STANDBY indicator page 20, 21 Displays the operational state of the recorder. É TIMESLIP indicator Lights up in the time slip mode. Ñ Remote sensor page 12 in "INSTALLATION GUIDE" Ö DV input connector page 110 Use this when recording from a digital video device such as a digital video camera.

## [Page 14: Rear Panel](#)

Introduction Index to parts and controls (Continued) Rear Panel AC IN socket page 15 in "INSTALLATION GUIDE" Connects the supplied power cord. OUTPUT 1 jacks page 15, 19 in "INSTALLATION GUIDE" Outputs video and audio signals to a connected TV or amplifier. COMPONENT OUTPUT jacks "INSTALLATION GUIDE"...

[Page 15](#) Ä DIGITAL AUDIO OUT/COAXIAL jack 21, 22, 23 in "INSTALLATION GUIDE" Use this to

connect the recorder to an audio receiver equipped with a coaxial digital audio input jack. Å  
Ventilation fan page...

### [Page 16: Remote Control](#)

Introduction Index to parts and controls (Continued) Remote control OPEN/CLOSE button page 20, 21 TOP MENU button page 62 ANGLE button page 72 SUBTITLE button page 73 TIMESLIP button page 63, 64 V-REMOTE button page 70 REC MENU button page 40 LIBRARY button page 114 SLOW button...

[Page 17](#) Under the lid VCR Plus+ button page 47 EXTEND button page 44, 46 Number buttons page 48, 69 SETUP button page 120 REC MODE button VCR Plus+ EXTEND REC MODE TV CODE TV CODE button T.SEARCH in "INSTALLATION GUIDE" CLEAR T.SEARCH button DELETE CLEAR button...

### [Page 18: Display](#)

Introduction Index to parts and controls (Continued) Display PBC indicator Illuminates when PBC function is "On" ( 126) and a PBC-controllable VIDEO CD is loaded. Program recording indicator Illuminates when the recorder holds a timer program. Angle icon page 72 Illuminates when playing a scene recorded with multi angles.

[Page 19](#) Dimming the display Pressing the DIMMER button on the remote control changes the brightness of the display (normal/ dimmed/off). Switching the display Every time you press the FL SELECT button, the display changes between the channel, title number, and time. The display may not change, depending on the disc or recording conditions.

### [Page 20: Before Operating This Recorder](#)

Introduction Before operating this recorder Is your recorder ready? • Refer to the supplied "INSTALLATION GUIDE" manual and finish the necessary preparations. • Turn on the connected equipment such as a TV or audio system and select the input from the recorder. Turning the power on (This owner's manual instructions are based on the assumption that all proper connections have...

### [Page 21: Recording](#)

OPEN/CLOSE button on the remote control. This may turn the recorder on and open the disc tray. If it still won't open, contact your nearest TOSHIBA dealer. Turning the power off Press the ON/STANDBY button on the front panel of the recorder or on the remote control.

### [Page 22: Recording](#)

Introduction Before operating this recorder (Continued) Using the GUI (Graphical User Interface) The recorder provides you with a variety of GUI (Graphical User Interface) applications to assist your operation of most functions such as customizing of setting, playback or recording. Refer to the operation guide on the bottom on each GUI.

### [Page 23: Recording](#)

Quick Menu operation To access various optional functions of this recorder, open the Quick Menu. The Quick Menu displays a list of selections relevant to your current mode. Opening a Quick Menu 1) Press the QUICK MENU button. The following menu ("Quick Menu") appears. (Actual selections vary depending on operational status.) e.g.

### [Page 24: Recording](#)

If you have any questions, or if you happen to experience any difficulty playing a DVD on a Toshiba DVD recorder, please feel free to call our Customer Service Hotline at 1-800-319-6684.

### [Page 25: Recording](#)

Hint on reading this manual The following icons show the playable discs for each function described on this instruction manual. DVD-RAM : DVD-RAM disc DVD-RW : DVD-RW disc DVD-R : DVD-R disc DVD-VIDEO : DVD video disc : VIDEO CD : Audio CD Most instructions are based on remote control operation, unless otherwise noted.

## [Page 26: Before Recording](#)

Recording Before recording Please be sure to read this critical background information prior to making a recording. Conventional video cassette recorders have required tapes to record, while this recorder enables recording on a DVD-RAM/R/RW disc whenever you want, without selecting an available tape and confirming a point to start a recording from.

[Page 27](#) Note on recording on a DVD-R disc Confirm disc compatibility and prepare an available DVD-R disc to record on ( page 6, 9). To play a DVD-R disc recorded on this recorder on other devices, finalize the DVD-R disc on this recorder.

## [Page 28: Initializing A Dvd-Ram/Rw Disc \(Logical Format\)](#)

Recording Before recording (Continued) Initializing a DVD-RAM/RW disc (Logical Format) Be sure to read this section prior to using a DVD-RAM/RW disc on this recorder for the first time. For DVD-R, initializing is not necessary. A disc should be initialized in the following cases: (The recorder may display a message to request you to do so.) e.g.

## [Page 29: Dvd-Ram Physical Format](#)

4) Press the buttons to select "Start," then press the ENTER button. DVD Format Entire disc contents excluding library data will be erased if disc is formatted. Proceed? Start Cancel Disc format 5) Press the buttons to select "Start," then press the ENTER button.

## [Page 30: Entering Characters](#)

Recording Before recording (Continued) Entering characters e.g. CONTENT MENU Cursor An entered character will appear here. Chapter Language English Spanish French Germany Italian etc... Select Operation guidance of the remote control To enter the character, normally use the direction buttons on the remote. About the other buttons to be used are shown on the operation guide.

[Page 31](#) Entering characters The cursor may be followed by unwanted characters. You can erase them if necessary by either of the following measures: Erasing characters • Erasing all the characters on the writing board Select "Clear All" by pressing the then press the ENTER button. Alternatively, open the lid of the remote control and press the CLEAR button.

## [Page 32: Recording A Tv Program](#)

Recording DVD-RAM DVD-RW DVD-R Recording a TV program To record a TV program currently being broadcast, follow the procedures of this chapter. Preparation • Load a DVD-RAM/R/RW disc into the recorder. - Load a disc which has sufficient space available to record the program. - Make sure the loaded disc is not write-protected.

[Page 33](#) OPEN/CLOSE MENU RETURN TOP MENU ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU QUICK MENU VCR Plus+ EXTEND REC MODE TV CODE T.SEARCH CLEAR DELETE SETUP + 10...

[Page 34](#) Recording Recording a TV program (Continued) TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU Selecting the recording mode Before recording, you can select the setting of picture and sound quality. During stop mode, press the REC MODE button.

[Page 35](#) To stop recording Press the STOP button. To pause recording (to omit an unnecessary portion) During recording, press the PAUSE button. To resume recording, press it again. Note • Pausing recording automatically creates a new chapter division at that point. To change a TV channel to be recorded 1) During recording, press the PAUSE button.

## [Page 36: Recording An External Source](#)

Recording DVD-RAM DVD-RW DVD-R Recording an external source You can record programs from connected equipment on a DVD-RAM/R/RW disc. Connect according to A or B. • To record a clearer picture, use the S video jack. External equipment To video To audio output jack output jacks...

## [Page 37: Connected Equipment](#)

OPEN/CLOSE MENU RETURN TOP MENU SUBTITLE AUDIO ANGLE CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER PAUSE STOP STOP PLAY QUICK MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER FL SELECT ZOOM P in P PROGRESSIVE TV/VIDEO CHANNEL VOLUME...

[Page 38](#) Recording Recording an external source (Continued) Notes on recording from a connected VCR or camcorder Check the condition of the source equipment before playing. Set the equipment in good condition, e.g. clean the head or adjust the tracking, etc. to obtain optimum playback. Bad condition may produce noises in playback.

## [Page 39: Programming A Recording \(Rec Menu\)](#)

Recording DVD-RAM DVD-RW DVD-R Programing a recording (REC MENU) Use the REC MENU to program a recording. It will take less time to prepare, as it provides all necessary information for recording, including estimated disc space remaining. For more information, see "Before recording" ( Be careful when you program a recording across the change-over of Daylight-saving time ( OPEN/CLOSE TOP MENU...

[Page 40](#) Recording Programming a recording (REC MENU) (Continued) Notes • The disc tray does not close automatically, even when the recording start time comes. Set the recorder loaded an available DVD-RAM/R/RW disc beforehand. • When there are little time before a programmed recording starts, you may not be able to start another recording. •...

[Page 41](#) Suggestions for the picture quality setting • For normal recording or when you cannot decide which mode to choose. Select "SP." • When you do not have to preserve the recorded content longer. Select "LP." Inferior to "SP" in picture quality, but it can record longer. •...

[Page 42](#) Recording Programming a recording (REC MENU) (Continued) High Rate Save Use this feature when you want to save space while using the best picture quality rate for recording. You can normally use 9.2 Mbps for recording and reduce the rate temporarily for the portion where the high rate is not required if the picture is fairly constant.

[Page 43](#) Shifting a time period of a recording (Time Shift) If a prior TV program extends beyond its scheduled time and into one that you programmed, you can shift the programmed start and end time of the recording. 21:00 e.g. Time Shift 20 minutes extend 21:20...

[Page 44](#) Recording Programming a recording (REC MENU) (Continued) Remaining volume 1) Press the REC MENU button. The REC MENU appears. 2) Press the QUICK MENU button. The Quick Menu appears. 3) Press the buttons to select "Disc Budget Calculation" then press the ENTER button. The Disc Budget Calculation menu appears.

[Page 45](#) Delaying the end time of a programmed recording while executing it While executing a programmed recording, open the lid of the remote control and press the EXTEND button. The first press displays the programmed end time (in the front panel display). Each time you press the button, it is delayed 10 minutes, up to 60 minutes.

## [Page 46: Vcr Plus+ Recording](#)

Recording DVD-RAM DVD-RW DVD-R VCR Plus+ Recording You can program a recording simply by entering the corresponding PlusCode Preparation • Make sure that "Time & Date Setting", "TV/CATV", "Channel Setting" and "Guide Channel Setting" are set correctly page 28, "INSTALLATION GUIDE"). •...

[Page 47](#) OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU VCR Plus+ EXTEND REC MODE TV CODE T.SEARCH CLEAR DELETE SETUP + 10...

## [Page 48: Reservation Disc \(Program Record Lock\)](#)

Recording Others Reservation Disc (Program Record Lock) DVD-RAM This function is convenient when you wish to record multiple serial related programs on the same disc. The disc on which you write the reservation data is called "Reservation Disc." A Reservation Disc may contain only

one reservation.

## [Page 49: To Delete Recorded Content](#)

To delete recorded content DVD-RAM DVD-RW DVD-R Important note Any deleted title/chapter (original) cannot be restored. Before deleting, be sure to check contents on the disc. ENTER DELETE 1) Perform steps 1 and 2 in "Playing recorded contents (CONTENT MENU)" ( select a title (chapter).

## [Page 50: Technical Information](#)

Recording Others (Continued) Technical Information About recording time The recording time of a typical VCR (Video Cassette Recorder) is determined by the length of a video tape and recording speed (SP, LP, etc.). Video tapes with various recording times are available in the market. On the other hand, the recording time of a DVD-RAM/ R/RW depends on the bit rate (Mbps: amount of data transmitted per second), which can be varied in...

## [Page 51: Playback](#)

Playback Play your favorite contents. Introduction and notes Playing recorded contents (CONTENT MENU) Playing a DVD video disc Pausing a TV broadcast to resume later Playing a TV program currently being recorded Playing at various speeds Locating by entering the number Using the graphic remote control (Virtual Remote) Watching a TV broadcast in the...

## [Page 52: Information On Playback](#)

Playback Information on playback The operation procedure depends on the kind of disc. See the respective pages for basic procedure to play the disc. To play contents recorded onto a DVD-RAM disc Playing recorded contents (CONTENT MENU) ( To play a DVD video disc Playing a DVD video disc ( page 59) To play a DVD-R/RW disc...

## [Page 53: Playing Recorded Contents \(Content Menu\)](#)

Playback DVD-RAM DVD-RW DVD-R Playing recorded contents (CONTENT MENU) Titles and chapters recorded on a DVD-RAM/R/RW disc are displayed in thumbnail view, so that you can easily locate a desired one. OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY...

[Page 54](#) Playback Playing recorded contents (CONTENT MENU) (Continued) To stop playback Press the STOP button. STOP To pause playback (still playback) Press the PAUSE button. PAUSE To resume normal playback, press the PLAY button or the PAUSE button. Note • Sound is muted during still mode. Resuming playback from the location last stopped (Title Resume) The recorder memorizes the location you last stopped...

[Page 55](#) Viewing the first scenes of titles (Original) (Intro Scan) DVD-RAM 1) After step 1 on page 53, press the QUICK MENU button. The Quick Menu appears. 2) Press the buttons to select "Special Playback Mode", then press the ENTER button. 3) Press the buttons to select "Intro Scan", then press the ENTER button.

[Page 56](#) Playback Playing recorded contents (CONTENT MENU) (Continued) Checking the background information on a selected title 1) At step 2 on page 53, select a title (chapter) then press the QUICK MENU button. The Quick Menu appears. 2) Press the buttons to select "Title Information", then press the ENTER button.

[Page 57](#) Viewing information of a loaded disc 1) Press the CONTENT MENU button. The CONTENT MENU appears. 2) Press the QUICK MENU button. The Quick Menu appears. 3) Press the buttons to select "Disc Information", then press the ENTER button. You can view information on a loaded disc. e.g.

[Page 58](#) Playback Playing recorded contents (CONTENT MENU) (Continued) Jumping to a specified page 1) Press the CONTENT MENU button. The CONTENT MENU appears. 2) Press the QUICK MENU button. The Quick Menu appears. 3) Press the buttons to select "Appointed Page Jump", then press the ENTER button. 4) Enter the page number you want by pressing the ADJUST, or the number buttons.

## [Page 59: Playing A Dvd Video Disc](#)

Playback DVD-RW DVD-R DVD-VIDEO Playing a DVD video disc You can also play VIDEO CDs,

audio CDs or finalization processed DVD-R/RW discs in the same manner. To play recorded contents, follow the instructions on Preparation • Turn on a TV or audio system and select the corresponding input source that the recorder is connected to. •...

### [Page 60: Locating A Title Using The Top Menu](#)

Playback Playing a DVD video disc (Continued) Resuming playback from the location last stopped (Resume Play) DVD-RW DVD-R DVD-VIDEO You can resume playback from the location where you stopped. If you press the PLAY button after stopping playback, playback resumes from the location you have stopped. If you stop playback by pressing the STOP button twice, the resume playback feature will be cancelled.

### [Page 61: Pausing A Tv Broadcast To Resume Later](#)

Playback DVD-RAM Pausing a TV broadcast to resume later This function enables you to pause a TV broadcast and resume viewing at a later, more convenient time, by storing the TV broadcast temporarily on a DVD-RAM disc. OPEN/CLOSE TOP MENU MENU RETURN ANGLE...

### [Page 62: Playing A Tv Program Currently Being Recorded](#)

Introduction Playback DVD-RAM Playing a TV program currently being recorded You can begin playback from the beginning of a program currently being recorded. You will find this function of great advantage on long programs, as you do not have to wait for the end of recording to begin playback.

### [Page 63: Playing At Various Speeds](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Playing at various speeds Playing in fast reverse or fast forward TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER PAUSE STOP PLAY QUICK MENU PLAY INSTANT REPLAY INSTANT SKIP REMAIN DISPLAY TIME BAR CHP DIVIDE...

### [Page 64: Skipping To The Next/Previous Chapter Or Track](#)

Playback Playing at various speeds (Continued) Skipping to the next/previous chapter or track REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER PAUSE STOP PLAY Notes • Some titles may not display chapter numbers. • When playing a DVD-RAM disc, you can access chapters only in the current title if "Title Play" ( Resume".

### [Page 65: Playing Frame By Frame](#)

Playing frame by frame DVD-RAM DVD-RW PAUSE PAUSE STOP PLAY QUICK MENU PLAY To resume normal playback Press the PLAY or PAUSE button. Viewing still pictures (Playing a disc that contains still pictures) V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER...

### [Page 66: Locating By Entering The Number](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Locating by entering the number Locating by entering the number of a desired section Normally titles, chapters, and tracks are numbered. By entering these numbers, you can access a desired section. TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY...

### [Page 67: Locating A Specific Point By Entering Its Elapsed Time \(Time Search\)](#)

Locating a specific point by entering its elapsed time (Time Search) ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU VCR Plus+ EXTEND REC MODE TV CODE T.SEARCH T.SEARCH...

### [Page 68: Using The Graphic Remote Control \(Virtual Remote\)](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Using the graphic remote control (Virtual Remote) A graphics based on-screen remote control enables direct playback, without manipulating many multiple buttons. OPEN/CLOSE MENU RETURN TOP MENU ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY...

## [Page 69: Watching A Tv Broadcast In The Sub Window \(P In P Playback\)](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Watching a TV broadcast in the sub window (P in P Playback) During playback, you can watch a TV broadcast in the sub window. (P in P : Picture in Picture) OPEN/CLOSE MENU RETURN TOP MENU ANGLE SUBTITLE AUDIO CHANNEL...

## [Page 70: Selecting The Camera Angle](#)

Playback DVD-VIDEO Selecting the camera angle If the scene was recorded with multiple angles, you can easily change the camera angle of the scene you are watching. OPEN/CLOSE TOP MENU MENU RETURN ANGLE ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY...

## [Page 71: Selecting Subtitles](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Selecting Subtitles You can display subtitles on the TV screen and select a subtitle language from those included on the disc. OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO SUBTITLE CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY...

## [Page 72: Zooming A Picture](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Zooming a picture You can magnify areas within a picture. OPEN/CLOSE MENU RETURN TOP MENU SUBTITLE AUDIO ANGLE CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER PAUSE STOP PLAY QUICK MENU REMAIN...

## [Page 73: Selecting The Sound](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Selecting the Sound You can select a preferred language and a sound format. OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER PAUSE STOP...

[Page 74](#) Playback Selecting the Sound (Continued) Recorded sounds According to your setting of "SAP" on the setup menu screen, ( channels of the disc below. Set "SAP" to "On" or "Off" appropriately. Setting on the setup screen DVD Compatible Mode Main page 126), the sound is recorded onto different Type of receiving broadcast Contents of recorded sound...

[Page 75](#) Notes • Some discs allow you to change audio selections only via the disc menu. If this is the case, press the MENU button and choose the appropriate language from the selections on the disc menu. • When you turn on the recorder or replace a disc, the recorder returns to the initial default setting. ( Depending on the disc, the sound that is specified the disc is played back.

## [Page 76: Checking The Current Status And Settings](#)

Playback DVD-RAM DVD-RW DVD-R DVD-VIDEO Checking the current status and settings You can confirm operational status and setting details. Operational status and setting details OPEN/CLOSE TOP MENU MENU RETURN SUBTITLE AUDIO ANGLE CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER...

## [Page 77: Using The Time Bar](#)

Using the time bar The time bar shows the current progress in playback or recording. ENTER PAUSE STOP PLAY QUICK MENU REMAIN DISPLAY TIME BAR TIME BAR CHP DIVIDE DIMMER FL SELECT ZOOM P in P PROGRESSIVE TV/VIDEO CHANNEL VOLUME INPUT SELECT Note •...

## [Page 78: Functions In A Quick Menu](#)

Playback Functions in a Quick Menu Besides these examples, various other ones are introduced on respective pages for your convenience. page 23 on how to operate the Quick Menu. To play repeatedly (Repeat playback) DVD-RAM DVD-RW DVD-R DVD-VIDEO You can repeat a desired section. 1) During playback, press the QUICK MENU button.

[Page 79](#) Cancel random : (in Random play mode) Resumes normal playback. Notes • Some discs may not permit random playback operation. • You cannot use the random playback function in conjunction with the memory playback function. • You cannot use the random

playback function in conjunction with the repeat playback function.

[Page 80](#) Playback Functions in a Quick Menu (Continued) To display the current bit rate DVD-RAM DVD-RW DVD-R DVD-VIDEO 1) During playback, press the QUICK MENU button. 2) Press the buttons to select "Bit Rate", then press the ENTER button. Bit rate Note •...

### [Page 81: Editing](#)

Editing You can create your own movie from your assembled scenes. Before Editing Creating Chapters Playlist Editing Creating Thumbnails High Speed Library Dubbing Delete Selected Items Combine Original Titles DVD-Video Finalizing DV Recording...

### [Page 82: Before Editing](#)

Editing Before Editing This section describes information for editing of contents recorded on a DVD-RAM disc. Be sure to read before performing any editing. Basic steps of editing → Creating chapters Programming a Playlist Editing is executed by a title and a chapter. Titles and chapters are classified into "Original" and "Playlist." First, specify a desired scene by dividing a title (Original) into chapters.

[Page 83](#) Compile chapters in a desired order. You can select any chapter or order of chapters, as you want. Also you can assign a title to multiple chapters. Each element to be compiled is called a part. In the example to the right, the three chapters in Wednesday, Friday, and Monday are the parts.

[Page 84](#) Editing Before Editing (Continued) Make the compiled chapters into a title (Original). (Dubbing) If you just want to play the compiled chapters in desired order, you only play the Playlist. If you want to delete a title (Original) which contains unnecessary chapters, be sure to dub (copy) the Playlist and make it into a title (Original).

### [Page 85: Creating Chapters](#)

Editing DVD-RAM Creating Chapters A recording makes 1 title, which includes 1 chapter. By dividing it into several chapters, it will be easier to access a desired scene, and your editing or playback will be much easier. To create chapters in a title, insert a chapter mark. Use the frame advance and pause to locate a point where you want to divide, then press the CHP DIVIDE button.

### [Page 86: Picture Search](#)

Editing Creating Chapters (Continued) OPEN/CLOSE TOP MENU MENU RETURN SUBTITLE AUDIO ANGLE CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY PLAY QUICK MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER FL SELECT ZOOM P in P...

[Page 87](#) OPEN/CLOSE MENU RETURN TOP MENU ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE PAUSE STOP PLAY QUICK MENU REMAIN DISPLAY TIME BAR CHP DIVIDE DIMMER FL SELECT ZOOM P in P PROGRESSIVE TV/VIDEO...

[Page 88](#) Editing Creating Chapters (Continued) Notes • This recorder supports a limited number of chapters on a disc. If exceeded, a message appears. In this event, reduce the number of chapters by merging chapters. ( • The EDIT MENU Chapter Create can also be viewed by selecting "Chapter Editing"...

[Page 89](#) Merging chapters 1) Perform steps 1 to 5 on pages 85 to 86, to view the EDIT MENU Chapter Create display. 2) Press the buttons to select a chapter. Pressing the PICTURE SEARCH button can access preceding or following pages. 3) Press the QUICK MENU button.

### [Page 90: Playlist Editing \(Collecting Desired Scenes\)](#)

Editing DVD-RAM Playlist Editing Create a "Playlist" to omit unnecessary scenes for dubbing, or compile desired scenes. OPEN/CLOSE MENU RETURN TOP MENU ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE...

[Page 91](#) OPEN/CLOSE MENU RETURN TOP MENU SUBTITLE AUDIO ANGLE CHANNEL TIMESLIP



V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU  
ENTER ENTER PAUSE STOP PLAY QUICK MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER  
FL SELECT ZOOM P in P PROGRESSIVE TV/VIDEO CHANNEL VOLUME...

[Page 92](#) Editing Playlist Editing (Continued) OPEN/CLOSE MENU RETURN TOP MENU ANGLE  
SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT  
MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU REMAIN DISPLAY  
TIME BAR CHP DIVIDE DIMMER FL SELECT ZOOM P in P PROGRESSIVE...

[Page 93](#) Canceling selection of a part 1) From the EDIT MENU Playlist Editing, press the  
buttons to select a part to cancel. 2) Press the QUICK MENU button. The Quick Menu appears. 3)  
Press the buttons to select "Cancel Selected", then press the ENTER button. The part you have  
selected is canceled.

[Page 94](#) Editing Playlist Editing (Continued) Making a Playlist of recorded contents of which  
starting times are the same This will help to sort serials. 1) From the CONTENT MENU Title List,  
press the QUICK MENU button. 2) Press the buttons to select "Edit Function", then press the  
ENTER button.

### [Page 95: Creating Thumbnails](#)

Editing DVD-RAM DVD-RW DVD-R Creating Thumbnails You can register your favorite scene as a  
thumbnail displayed on the CONTENT MENU. On a finalized DVD-R/RW disc, this feature is not  
available. OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP  
V-REMOTE INSTANT REPLAY INSTANT SKIP...

[Page 96](#) Editing Creating Thumbnails (Continued) OPEN/CLOSE TOP MENU MENU RETURN  
SUBTITLE AUDIO ANGLE CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC  
MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE PAUSE STOP PLAY PLAY QUICK  
MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER FL SELECT ZOOM...

[Page 97](#) Notes • You cannot create thumbnails of chapters in a title that contains a still  
picture. • If you create a chapter thumbnail, and then shift the chapter mark ( page 88) or  
record or edit the disc on other devices, the chapter thumbnail may return to the top of the  
chapter.

### [Page 98: High Speed Library Dubbing \(Dubbing Only A Specified Part\)](#)

Editing DVD-RAM High Speed Library Dubbing This section explains how to copy a title or  
chapter recorded on a DVD-RAM disc within the same disc at high speed (high speed: in a  
shorter time than actual playing time of the title or chapter). Follow this procedure when you  
reproduce a title (Original) from a title (Playlist).

[Page 99](#) OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP  
V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU  
ENTER ENTER PAUSE STOP PLAY QUICK MENU REMAIN DISPLAY TIME BAR CHP DIVIDE DIMMER  
FL SELECT ZOOM P in P QUICK MENU Notes •...

### [Page 100: Delete Selected Items \(Deleting Specified Parts Together\)](#)

Editing DVD-RAM DVD-RW DVD-R Delete Selected Items This section explains how to  
simultaneously delete unnecessary titles, or unnecessary chapters. On a finalized DVD-R/RW  
disc, this feature is not possible. OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE  
AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU...

[Page 101](#) LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU REMAIN  
DISPLAY TIME BAR CHP DIVIDE DIMMER FL SELECT ZOOM P in P QUICK MENU PROGRESSIVE  
Notes • To confirm the first and last scenes of an item, first select an item then press the QUICK  
MENU button. Press the buttons to select "Preview a Selected Title"...

### [Page 102: Combine Original Titles \(Combine Two Titles Into One\)](#)

Editing DVD-RAM Combine Original Titles Use this feature to combine two titles into one. The  
second title is deleted and the second title is added to the end of the first title. OPEN/CLOSE  
TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE...

[Page 103](#) OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL

TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER FL SELECT ZOOM P in P PROGRESSIVE TV/VIDEO CHANNEL VOLUME...

### [Page 104: Dvd-Video Finalizing Process](#)

Editing DVD-RW DVD-R DVD-Video finalizing process The recorder processes recorded data in a DVD-R/RW disc so that it can be played on other compatible devices. Important • You cannot rewrite data onto a disc after you execute the DVD-Video finalizing process. However, the disabled rewritability of a DVD-RW disc can be restored by canceling the process of the disc.

[Page 105](#) OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER FL SELECT ZOOM P in P PROGRESSIVE TV/VIDEO CHANNEL VOLUME...

[Page 106](#) Editing DVD-Video finalize process (Continued) OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER FL SELECT ZOOM P in P...

[Page 107](#) Notes • DVD-R/RW discs recorded on this recorder may not be recognized on other devices unless you execute DVD- Video finalizing process to them. • You can record onto a DVD-R disc additionally to the limit of the disc capacity, unless you execute the DVD-Video finalizing process to it.

### [Page 108: Dv Recording](#)

Editing DVD-RAM DVD-RW DVD-R DV Recording You can connect a DV format digital video camera to the DV terminal to record from it. Preparation • Connect a DV format digital video camera to the DV terminal on the front panel. ON/STANDBY ON/ST ANDBY...

[Page 109](#) OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER ENTER PAUSE STOP PLAY QUICK MENU DISPLAY TIME BAR CHP DIVIDE REMAIN DIMMER FL SELECT ZOOM P in P PROGRESSIVE TV/VIDEO CHANNEL VOLUME...

[Page 110](#) Editing DV Recording (Recording from a digital video camera) (Continued) Notes • The DV terminal of this recorder supports only input from a DV format digital video camera. It cannot output to a connected device. Some models of DV format digital video cameras may be not compatible.

[Page 111](#) Library data To facilitate your collecting. Using Library data...

### [Page 112: Library](#)

Recording DVD-RAM Using Library data The recorder has a database called "Library". This database provides a list of numbers, names and remaining spaces of all registered DVD-RAM discs. On this list, you will easily find a desired or available disc. You can utilize Library data as follows.

### [Page 113: Checking Remaining Space On Discs](#)

Checking remaining space on discs 1) Load a DVD-RAM disc and press the LIBRARY button. 2) Press the QUICK MENU button. 3) Press the buttons to select "AV Record Quality" then press the ENTER button. e.g. LIBRARY DVD All Disc No. Summary MENU AV Record Quality Current default data rate : SP...

### [Page 114: Maintenance Of Library Data](#)

Recording Library Management (Continued) Maintenance of Library data The recorder usually controls the Library Management system automatically. However, in the following cases, you must maintain and create data manually. • When you want to add information about a title, (for example when you use a DVD-RAM disc recorded on another device, etc.), to the Library Management system of the recorder.

[Page 115](#) Forced deletion of disc numbers A number of an inactive disc can be deleted from

the Library Management, so that it can be assigned to a new disc. 1) Press the LIBRARY button. 2) Press the QUICK MENU button. 3) Press the buttons to select "Library Management", then press the ENTER button.

### [Page 117: Function Setup](#)

Function Setup You can change the default settings to customize performance to your preference. Customizing the Function Settings...

### [Page 118: Customizing The Function Settings](#)

Function Setup DVD-RAM DVD-RW DVD-R DVD-VIDEO Customizing the Function Settings You can change the default settings to customize performance to your preference. OPEN/CLOSE TOP MENU MENU RETURN ANGLE SUBTITLE AUDIO CHANNEL TIMESLIP V-REMOTE INSTANT REPLAY INSTANT SKIP REC MENU EDIT MENU LIBRARY CONTENT MENU ENTER...

[Page 119](#) Setting DVD Player Settings DVD Disc Menu Language DVD-VIDEO DVD Audio Language DVD-VIDEO DVD Subtitle Language DVD-VIDEO DVD Dynamic Range Control DVD-RAM DVD-RW DVD-R DVD-VIDEO Karaoke vocal DVD-VIDEO DVD Parental Lock DVD-VIDEO DVD Title Stop DVD-RW DVD-R DVD-VIDEO Picture/Audio Settings Pause/Still DVD-RAM DVD-RW DVD-R...

[Page 120](#) Function Setup Customizing the Function Settings (Continued) Setting Display Settings TV Shape DVD-RAM DVD-RW DVD-R DVD-VIDEO On Screen Display DVD-RAM DVD-RW DVD-R DVD-VIDEO Transparency DVD-RAM DVD-RW DVD-R DVD-VIDEO Startup Screen Screen Protector DVD-RAM DVD-RW DVD-R DVD-VIDEO Background Operational Settings Operation Beep DVD-RAM DVD-RW DVD-R DVD-VIDEO...

[Page 121](#) Setting DVD Recorder Operation AV Record Quality DVD-RAM DVD-RW DVD-R Picture Record Mode DVD-RAM DVD-RW DVD-R Audio Input Level DVD-RAM DVD-RW DVD-R Aspect Ratio (Video mode) DVD-RW DVD-R DVD Video Compatibility DVD-RAM DVD-RW DVD-R DVD-Video: CHP Create DVD-RW DVD-R Rec DNR DVD-RAM DVD-RW DVD-R 3D Y/C Separation DVD-RAM DVD-RW DVD-R...

### [Page 122: Dvd Player Settings](#)

Function Setup Customizing the Function Settings (Continued) DVD Player Settings DVD Disc Menu Language DVD-VIDEO English: To display disc menus in English. French: To display disc menus in French. Spanish: To display disc menus in Spanish. Others: To make a further language choice. After pressing the ENTER button, follow steps 1) -...

[Page 123](#) 3) Press the buttons to shift. Select the proceeding character by pressing the buttons (or the ADJUST button). 4) Press the ENTER button. Notes • Some DVD video discs may be set to display subtitles in a different language from that you selected. A prior subtitle language may be programmed by the disc.

[Page 124](#) Function Setup Customizing the Function Settings (Continued) Country/Area AUSTRALIA BELGIUM CANADA CHINA CHINA HONG KONG DENMARK FINLAND FRANCE GERMANY INDONESIA ITALY JAPAN MALAYSIA NETHERLANDS NORWAY PHILIPPINES RUSSIAN FEDERATION SINGAPORE SPAIN SWEDEN SWITZERLAND TAIWAN THAILAND UNITED KINGDOM UNITED STATES 3) Select the desired limitation level by pressing the buttons, and then press the ENTER button.

### [Page 125: Picture/Audio Settings](#)

Picture/Audio Settings Pause/Still DVD-RAM DVD-RW DVD-R DVD-VIDEO Auto: Normal setting. Pause the moving image without blurring. Frame: Displays high resolution still image. Black Level DVD-RAM DVD-RW DVD-R DVD-VIDEO Normal: Normal black level. Enhanced: To display deeper, richer black than in "Normal" setting. Custom Picture Select DVD-RAM DVD-RW DVD-R...

[Page 126](#) Function Setup Customizing the Function Settings (Continued) Play DNR DVD-RAM DVD-RW DVD-R DVD-VIDEO Selects a setting for playback at a reduced noise level. Press the buttons to select an item then select "On" or "Off" using the buttons. DNR: Off: Not activated.

## [Page 127: Display Settings](#)

Display Settings TV Shape DVD-RAM DVD-RW DVD-R DVD-VIDEO Select a picture size according to the aspect ratio of your For details on this setting, see “TV shape setting” page 42, “INSTALLATION GUIDE”). On Screen Display DVD-RAM DVD-RW DVD-R DVD-VIDEO Off: Deactivates the operational status display (e.g., the TV screen).

## [Page 128: Operational Settings](#)

IR Code Switches the codes to operate the recorder. If you use the second and third TOSHIBA DVD video recorders, set the different remote codes for each recorder to avoid confusion in the response of the recorders. For details about this setting, refer to “Operating the second and third TOSHIBA DVD video recorders with the remote control of this recorder”...

## [Page 129: Dvd Recorder Operation](#)

DVD Recorder Operation AV Record Quality DVD-RAM DVD-RW DVD-R You can select from 5 combined picture and sound quality recording settings prior to actual recording. Actual selection applied becomes the default setting for the normal recording or programmed recording. e.g. AV Record Quality - - D /M1...

[Page 130](#) Function Setup Customizing the Function Settings (Continued) Aspect Ratio (Video Mode) DVD-RW DVD-R To set the aspect ratio when recording onto a DVD-R/RW disc. 4:3: Fixes the aspect ratio at 4:3. 16:9: Fixes the aspect ratio at 16:9. Note • When “Mode” on “AV Record Quality” is set to “1.4(Mbps)”, pictures are recorded in 4:3 aspect ratio even if “16:9”...

## [Page 131: Management Settings](#)

Management Settings Genre Setting DVD-RAM DVD-RW DVD-R This registers a frequently used genre name onto the menu. Genre names registered here are displayed in the “Genre” on the Quick Menu. 1) Press the buttons to select a position in the “Current Genre List” you want to change, then press the ENTER button.

## [Page 133: Others](#)

Others Troubleshooting Language Code List Specification...

## [Page 134: Troubleshooting](#)

(Low video data rate) — A physical error has occurred on the DVD-RAM disc. Consult the nearest Toshiba dealer. If an error occurs during reading data of a disc, block-noises may be produced there. Repeated...

[Page 135](#) Recording Data cannot be recorded on a DVD-RAM disc. • The disc is protected from deleting data. → Set the write-protect tab to the opposite of “PROTECT” ( page 8). • The free area of the disc is not sufficient. →...

[Page 136](#) Others Troubleshooting (Continued) Remote control The remote control does not work. • The batteries in the remote control are exhausted. → Replace all the batteries in the remote control page 12, “INSTALLATION GUIDE”). • The light emitter of the remote control is not pointed at the receptor of this unit.

## [Page 137: Error Codes On The Display Window](#)

Failure in copying. (title not saved) ERR-39 Failure in copying. (title saved) ERR-3A Unexpected error. Note • If you find an error code other than listed above, consult your nearest TOSHIBA dealer. • During recording onto DVD-R/RW discs. • During recording onto DVD-RAM discs.

## [Page 138: Recording Duration](#)

Others Recording duration D /M1(192kHz) Sound rate DVD-RAM Picture quality rate Hour Minute • The recording duration listed above is not guaranteed. • This recording duration applies to the DVD-RAM disc in its initialized condition. The display may vary depending on the disc.

## [Page 139: Language Code List](#)

Others Language Code List Table of languages and their abbreviations Abbreviation Language - - No alternate language CHI (ZH) Chinese DUT (NL) Dutch ENG (EN) English FRE (FR) French

GER (DE) German ITA (IT) Italian JPN (JA) Japanese KOR (KO) Korean MAY (MS) Malay...

### [Page 140: Specification](#)

Others Specification | Power requirement during operation | Power requirement at standby 2.6W or below (Eco mode: off) 0.7W or below (Eco mode: on) | Power supply 120V AC, 60 Hz | Mass 4.2kg | External dimension Width 430 x Height 78 x Depth 325mm | Incoming channels TV: 2-69CH, CATV:1-125CH | Antenna input/output terminal...

### [Page 141: Clock Display](#)

| Remote control Wireless remote control (SE-R0105) | Operating conditions Temperature: 41°F ~ 95°F (5°C ~ 35°C), Position: Horizontal | Clock display 24 hour digital display | Clock accuracy Quartz (monthly deviation: approximately  $\pm 30$  seconds) • The design and specifications may change without prior notice.

### [Page 142: Limited Warranty Dvd Video Recorder](#)

LIMITED WARRANTY DVD VIDEO RECORDER Toshiba America Consumer Products, Inc. ("TACP"), Toshiba Hawaii ("THI") and Toshiba Canada Limited ("TCL") make the following limited warranties. These limited warranties extend to original purchaser or any person receiving this set as a gift from the original purchaser and to no other purchaser or transferee.

[Page 143](#) Canadian consumers are requested to complete the special Canadian "Warranty Registration Form" enclosed, and forward this completed form with a copy of bill of sale to TOSHIBA OF CANADA to "Register and Validate" their warranty. Product must be purchased from an Authorized Canadian Dealer. Products purchased in the U.S.A. and used in Canada are not covered by these warranties.

This manual is also suitable for:

[D-r1](#)