Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for LG RH698H. You'll find the answers to all your questions on the LG RH698H in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LG RH698H
User guide LG RH698H
Operating instructions LG RH698H
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Instruction manual LG RH698H

LG
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ENGLISH

OWNER'S MANUAL

DVB-T HDD/DVD RECORDER

Please read this manual carefully before operating your set and retain it for future reference.

MODEL
RH698H

MFL60171181

Manual abstract:

@@Any of these conditions could result in electric shock or fire. @@Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance. To disconnect power from the mains, pull out the mains cord plug. When installing the product, ensure that the plug is easily accessible. This device is equipped with a portable battery or accumulator. Safety way to remove the battery or the battery from the equipment: Remove the old battery or battery pack, follow the steps in reverse order than the assembly. @@Do not dispose of batteries or battery together with other waste. @@@@@@This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons. The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE. WARNING: Do not install this equipment in a confined space such as a book case or similar unit. CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over heating.

The openings shall be never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to. CAUTION: This product employs a Laser System.To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Shall the unit require maintenance, contact an authorized service centre.

Use of controls, adjustments or the 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. 2 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 3 Disposal of your old appliance 1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC. 2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities. 3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health. 4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

Disposal of waste batteries/accumulators 1. When this crossed-out wheeled bin symbol is attached to batteries/accumulators of Your product it means they are covered by European Directive 2006/66/EC. 2. This symbol may be combined with chemical symbols for mercury(Hg), cadmium(Cd) or lead(Pb) if the battery Contains more that 0.0005% of mercury, 0.002% of cadmium or 0.004% of lead. 3. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities. 4. The correct disposal of Your old batteries/ accumulators will help to prevent potential negative consequences for the environment, animal and human health. 5. For more detailed information about disposal of Your old batteries/ accumulators, please contact Your city offi ce, waste disposal service or the shop where You purchased the product. Copyrights Recording equipment should be used only for lawful copying and you are advised to check carefully what is lawful copying in the area in which you are making a copy. Copying of copyright material such as films or music is unlawful unless permitted by a legal exception or consented to by the rights owner.

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi Corporation. Reverse engineering or disassembly is prohibited.

CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 625p UNIT PLEASE CONTACT OUR CUSTOMER SERVICE CENTRE. Manufactured under license from Dolby Laboratories. Dolby and the doubleD symbol are trademarks of Dolby Laboratories. "DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation. Open source software notice This product includes Freetype library : copyright © 2003 The FreeType Project (www.freetype.org). Zlib compression library developed by Jean-loup Gailly and Mark Adler.

Copyright (C) 1995-2005 Jean-loup Gailly and Mark Adler LG Electronics hereby declares that this/these product(s) is/are in compliance with the essential requirements and other relevant provisions of Directive 2004/108/EC, 2006/95/EC and 2009/125/EC. European Standards Centre: Krijgsman 1, 1186 DM Amstelveen, The Netherlands Please note that this is NOT a Customer Service contact point. For Customer Service Information, see Warranty Card or contact the dealer that you purchased this product. Doubly Linked List licensed by Artistic license. You can download this software from http://freshmeat.net/projects/linklist/ 3 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 4 Contents Before you start . . . . .

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http://yourpdfguides.com/dref/5025462

Before connecting, operating or adjusting this product, please read this instruction booklet carefully and completely. 4 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 5 Before you start Recordable and Playable discs This unit can play and record all widely-used DVD types. The table below shows some specific compatibility differences depending on the disc types. HDD Symbol used in this manual Logos Re-Writable Formatting Mode (new discs) Editing Play on other players Recommended discs Yes – Yes – DVD-R -R DVD-RW -RWVR -RWVideo DVD-RAM RAM DVD+R +R DVD+R(DL) +R DVD+RW +RW HDD No Video mode Limited Yes Video mode Yes Yes VR mode Yes No Auto Limited No Auto Limited Yes Auto Yes The player must compatible with corresponding media and the media has to be finalized. Mitsubishi(8x,16x) Verbatim(8x,16x) Mitsubishi(4x) Verbatim(4x) JVC(4x) Maxell(4x) Mitsubishi(3x) Mitsubishi(8, 16x) Mitsubishi(2.4x, 8x) Mitsubishi(4x) Maxell(5x) Verbatim(8x,16x) HP(4x) Verbatim(4x) Ricoh(4x) – Playable discs The table below shows the file formats and media types that this unit can playback.

DVD Symbol used in this manual Logos Discs such as movies that can be purchased or rented. Audio CD ACD Data disc (DivX, JPEG, MP3 or WMA) DivX JPEG MP3 WMA DVD Characteristics Music CDs or CD-R/RWs in music CD format that can be purchased Discs that contain DivX, JPEG, MP3 or WMA files. 5 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 6 Notes on discs Depending on the conditions of the recording equipment or the CD-R/RW (or DVD±R/RW) disc itself, some CD-R/RW (or DVD±R/RW) discs cannot be played on the unit. Do not attach any seal or label to either side (the labeled side or the recorded side) of a disc. Do not use irregularly shaped CDs (e.g., heart-shaped or octagonal). Doing so may result in malfunctions. Depending on the recording software & the finalization, some recorded discs (CD-R/RW or DVD±R/RW) may not be playable. DVD-R/RW, DVD+R/RW and CD-R/RW discs recorded using a personal computer or a DVD or CD Recorder may not play if the disc is damaged or dirty, or if there is dirt or condensation on the Unit's lens.

If you record a disc using a personal computer, even if it is recorded in a compatible format, there are cases in which it may not play because of the settings of the application software used to create the disc. (Check with the software publisher for more detailed information.) This unit requires discs and recordings to meet certain technical standards in order to achieve optimal playback quality. Pre-recorded DVDs are automatically set to these standards. There are many different types of recordable disc formats (including CD-R containing MP3 or WMA files) and these require certain pre-existing conditions (see above) to ensure compatible playback.

Customers should note that permission is required in order to download MP3 / WMA files and music from the Internet. Our company has no right to grant such permission. Permission should always be sought from the copyright owner. Restrictions on copying Some video material is copy-once protected: Such material cannot be copied to HDD or DVD. You can identify copy-once protected material during playbates the timeshift mode.

REC: The unit is recording. HDD: The unit is in HDD mode. DVD: The unit is in DVD mode. HDD b B DVD: The unit is dubbing. : Indicates when the unit is in timer recording or a timer recording is programmed. : Indicates clock, total playing time, elapsed time, title number, chapter/track number, channel, etc. f

N / X (PLAY / PAUSE) Starts playback. Pause playback or recording temporarily, press again to exit pause mode. g x (STOP) Stops playback or recording. h z (REC) Starts recording.

Press repeatedly to set the recording time. i OPEN/CLOSE (Z) Opens or closes the disc tray. j RESOLUTION Sets the output resolution for HDMI and COMPONENT OUTPUT jacks. - HDMI: 576i, 576p, 720p, 1080i, 1080p - COMPONENT: 576i, 576p l m k USB Port Connect an USB Flash memory. l DV IN Connect the DV output of a digital camcorder. m AV IN 3 (VIDEO IN/AUDIO IN (Left/Right)) Connect the audio/video output of ation Connecting to an amplifier/receiver, Dolby Digital/MPEG/DTS decoder or other equipment with a digital input. Connect one end of the digital audio cables (COAXIAL or OPTICAL) to the digital audio output jack (COAXIAL or OPTICAL) on the unit and other end to the digital audio input jack (COAXIAL or OPTICAL) on your amplifier. This recorder does not perform internal (2 channel) decoding of a DTS sound track. To enjoy DTS multi channel surround, you must connect this recorder to a DTS compatible receiver via one of this recorder's digital audio outputs. 11 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 12 HDMI connection Connect one end of the HDMI cable to the HDMI OUTPUT jack on the unit and other end to the HDMI INPUT jack on your TV.

If your TV is not equipped with DTS decoder, set the [DTS] options to [OFF] on the setup menu (See page 19). To enjoy DTS multi channel surround, you must connect this unit to a DTS compatible receiver via one of this unit's digital audio outputs. If there is noise or lines on the screen, please check the HDMI cable. Changing the resolution when the unit is connected with HDMI connector may result in malfunctions. To solve the problem, turn off the unit and then turn it on again.

When you connect an HDMI or DVI compatible device make sure of the followings: - Try switching off the HDMI/DVI device and this unit. Next, switch on the HDMI/DVI device and leave it for around 30 seconds, then switch on this unit. - The connected device's video input is set correctly for this unit. - The connected device is compatible with 720(1440)x576i, 720x576p, 1280x720p, 1920x1080i or 1920x1080p video input. Not all HDCP-compatible DVI devices will work with this unit.

- The picture will not be displayed properly with non-HDCP device. Recorder TV When you use the HDMI connection, you can change the resolution (576i, 576p, 720p,1080i or 1080p) for the HDMI output by pressing RES. button repeatedly. About HDMI HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD Players, Set-Top Boxes, and other AV devices. HDMI was developed to provide the technologies of HDCP (High-bandwidth Digital Contents Protection). HDCP is used to protect digital content transmitted and received. HDMI has the capability to support standard, enhanced, or high-definition video plus standard to multi-channel surround-sound audio, HDMI features include uncompressed digital video, a bandwidth of up to 5 gigabytes per second, one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC. What is SIMPLINK? Some functions of this unit are controlled by TV's remote control when this unit and LG TV with SIMPLINK are connected through HDMI connection. ••• Controllable functions by LG TV's remote control; Play, Pause, Scan, Skip, Stop, Power Off, etc.

Refer to the TV owner's manual for the details of SIMPLINK function. LG TV with SIMPLINK function has the logo as shown above. Note on HDMI connection If your TV is NOT capable of handling 96 kHz sampling frequency, set the [Sampling Freq.] option to [48 kHz] on the setup menu (See page 19). When this choice is made, this unit will automatically convert any 96 kHz signals to 48 kHz so your system can decode them. If your TV is not equipped with Dolby Digital and MPEG decoder, set the [Dolby Digital] and [MPEG] options to [PCM] on the setup menu (See page 19). 12 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 13 Connecting a PAY-TV/Canal Plus Decoder You can watch or record PAY-TV/Canal Plus programmes if you connect a decoder (not supplied) to the unit. Disconnect the unit's mains lead from the mains when connecting the decoder. You do not need to turn on the unit to view the signals from the connected tuner on your TV. To watch or record PAY-TV/Canal Plus programmes, set [AV2 Connection] option to [Decoder] (see page 18) and set the program's [CANAL] option to [On] on the Setup menu (page 15).

If you disconnect the unit's mains lead, you will not be able to view the signals from the connected decoder. Pictures containing copy protection signals that prohibit any copying cannot be recorded. If you pass the unit signals via the VCR, you may not receive a clear image on your TV screen. Be sure to connect your VCR to the unit and your TV in the order shown below. To watch video tapes, watch the tapes through a second line input on your TV.

SCART AV When you record to a VCR from this unit, do not switch the input source to TV by pressing the TV/DVD button on the remote. If you are using a B Sky B tuner, be sure to connect the tuner's VCR SCART jack to the AV2 DECODER jack. If you disconnect the unit's mains lead, you will not be able to view the signals from the connected VCR or tuner. Connecting to the AV2 DECODER jack Connect a VCR or similar recording device to the AV2 DECODER jack of this unit. You do not need to turn on the unit to view the signals from the connected tuner on your TV.

To watch or record the source from AV2 DECODER jack, set [AV2 Connection] option to [Others] (see page 18) and set [AV2 Recording] option to [Auto], [CVBS], [RGB] or [SVideo] as required (see page 21). 13 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 14 Connecting to the AV IN 3 Jacks Connect the input jacks (AV IN 3) on the unit to the audio/video out jacks on your accessory component using audio/video cables. Operating USB Flash Drive ON REMOTE 1. Insert an USB Flash Drive to the USB port: 2 Displays the HOME menu: 3 Select a main option: [MUSIC], [PHOTO] or [MOVIE] option – HOME bB vV 4 Select the [USB] option: 5 Displays corresponding menu list: For details of operations on each files, refer to relevant pages. ENTER Using USB Flash Drive - more you can do Connecting a Digital Camcorder Using the front panel DV IN jack, it is possible to connect a DV digital camcorder and digitally transfer DV tapes to DVD. Use a DV cable (not supplied) to connect the DV in/out jack of your DV camcorder to the front panel DV IN jack of this unit. Using an USB Flash Drive This unit can play the MP3/WMA/JPEG/DivX files contained in the USB Flash Drive. Inserting the USB Flash Drive – Insert straight-in until it fits into place. Removing the USB Flash Drive – Withdraw the USB Flash Drive carefully when the connected USB Flash Drive is in use. Notes on USB Flash Drive The contents on the disc or HDD cannot be moved or copied to a USB Flash Drive.

Keep the USB Flash Drive out of reach of children. If swallowed, seek medical advice immediately. This unit supports only USB Flash Drive with FAT16 or FAT32 format. The USB Flash Drives which require additional software will not be supported. The DV IN jack is for connection to DV digital camcorder only. It is not compatible with digital satellite tuners or D-VHS video decks. Disconnecting the DV cable while recording a contents of the connected digital camcorder may result in malfunction. This unit is compatible with the Flash type USB device that supports USB 1.1. This unit may not supports some USB Flash Drive.

Do not extract the USB Flash Drive in operating (play, copy, etc.). It may cause a malfunction on this unit. 14 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 15 Auto setup When the first time to turn on the unit, the initial setup wizard sets the language, clock and channels automatically. 1 Turn on the unit: The initial setup wizard appears on the screen.

2 Choose a language: 3 Select the chosen language: 4 Check the antenna and go to the next step: 5 Choose a clock setting mode: 6 Select the chosen clock setting mode: 7 Set the clock: This step is not available for Auto mode 8 Choose a country you are using the unit: 9 Choose a broadcasting type: All or Analog 10 Select the [Start] and starts channel scan: 11 Close the initial setup: ON REMOTE POWER vV ENTER ENTER vV ENTER vVbB, ENTER vV BvV B ENTER ENTER [Favorite] Set the program to favorite channel. [Delete]: Delete the selected channel from programmed channel list. [Move] (Analog channel only): Change the order of the channels and which numerical button they correspond to. [Block] Blocks the program. [Station Rename] (Analog channel only): change a name of the selected channel.

[Program Edit] (Analog channel only): Change the settings of a channel manually. Editing a channel (Analog channel only) You can change the settings of programmed channel by selecting [Program Edit] option on the left side of the channel editing screen. Auto setup - more you can do Adjust the programmed channels Press HOME, then use b B to select [Easy Menu] option. Press ENTER while [SETUP] is selected. The SETUP menu appears on the screen. Select the [Program Edit] on the second level options then press B to move to the third level. Press ENTER while [Edit] option is selected. The channel editing screen appears on the screen. Select which channel you would like to edit and press ENTER. An option menu on the left side of the screen will be highlighted.

[PR]: Indicates the selected channel position. [Seek]: Searches for a channel automatically. Searching stops when the unit tunes in a channel. [Ch.] Changes the channel number. [MFT] Fine tunes the channel to obtain a clearer picture. [CANAL]: Sets the channels for the decoder. You need this setting to watch or record PAY-TV/Canal plus programs. [NICAM]: Sets the channels for the NICAM broadcast. [OK]: Confirm the settings and return to the channel list menu.

Switching the program list on the channel editing screen You can switch the program list on the channel editing screen. Using the Home Menu ON REMOTE 1 Displays the HOME menu: 2 Select a main option: 3 Select a sub option: 4 Execute the selected option: 5 Exit the HOME menu: HOME bB vV ENTER HOME Press v V to move the highlight position to top of the program list. Press b B to select [DIGITAL TV], [ANALOG TV] or [RADIO] then press v V to select a program on the list. Setting a favorite program You can set a program to favorite channel. Using the Home Menu - more you can do MOVIE HDD – Displays the [Title List] menu, which shows recorded titles on HDD.

(page 33) HDD DivX – Displays [Movie List] menu, which shows DivX® movie files on HDD. (page 27) DISC – Displays [Title List] menu, which shows recorded titles on the disc. (page 33) – Displays [Movie List] menu, which shows DivX® movie files on the disc. (page 27) – Plays DVD-Video disc (page 25). USB – Displays [Movie List] menu, which shows DivX® movie files on the USB Flash Drive.

(page 27) Press v V to select a program on the program list then press ENTER to highlight the option menu on the left side of the screen. Press v V to select [Favorite] option then press ENTER. The program is set to the favorite program and [FAV] appears on the TV screen. Setting the AV1 Decoder Sets the AV1 scart jack for inputting encoded video signals. This option sets the unit to output the encoded signal from AV1 scart jack to AV2 (DECODER) scart jack for decoding. The decoded signal is then input back through the AV2 (DECODER) jack so you can record or watch PAY-TV/Canal Plus programs. Press AV/INPUT once while the channel editing screen appears. The [Decoder On/Off] option on the option menu. Press ENTER to turn on the option and press ENTER again to turn off. The [Canal+] appears on the screen when this option is turned on.

PHOTO HDD – Displays [Photo List] menu, which shows photo files on HDD. (page 30) DISC – Displays [Photo List] menu, which shows photo files on the disc. (page 30) USB – Displays [Photo List] menu, which shows photo files on the USB Flash Drive. (page 30) Adjust the SETUP settings ON REMOTE 1 Displays the HOME menu: 2 Select the [Easy Menu] option: 3 Select the [SETUP] option: 4 Select a desired option on the first level: 5 Move to second level: 6 Select a desired option on the second level: 7 Move to third level: 8 Adjust or confirm the setting: 9 Go back to the previous level: HOME bB ENTER vV B vV B v V, ENTER b MUSIC HDD – Displays [Music List] menu, which shows music files on HDD. (page 29) DISC – Displays [Music List] menu, which shows music files or audio tracks on the disc. (page 29) USB – Displays [Music List] menu, which shows music files on the USB Flash Drive. (page 29) Easy Menu SETUP – Displays SETUP menu. (page 17) Rec Mode – Displays [Record Mode Set] option in the SETUP Menu. (page 20) Dubbing – Dubs a currently playing title from a finalized DVD±R or a DVD-ROM title without copy protection. (page 37) TV HDD – Returns to live TV viewing in HDD mode.

Pressing the HDD button on the remote control will also allow you to directly choose this option. DVD – Returns to live TV viewing in DVD mode. Pressing the DVD button on the remote control will also allow you to directly choose this option. Timer Record – Displays [Timer Record] menu. (page 31) ShowView – Displays [ShowView] screen.

(page 32) First level Second level Third level *Adjust the SETUP settings - more you can do Adjust the general settings TV Aspect – Selects the aspects ratio of the connected TV. [4:3 Letter Box]: Select this when connecting to a standard 4:3 screen TV and prefer the wide picture with bands on the upper and lower portions of the screen. [4:3 Pan Scan]: Select this when connecting to a standard 4:3 screen TV and prefer the wide picture on the entire screen cuts off the portions that do not fit. [16:9 Wide]: Select this when connecting to a wide-screen TV. AV2 Connection – You can connect a decoder or the other device to the AV2(DECODER) jack on the rear panel.*

[Decoder]: Select this when you connect a PAY-TV or Canal Plus decoder to the AV2(DECODER) jack on the unit. [Others]: Select this when you connect a VCR or similar recording device to the AV2(DECODER) jack on the unit. Video output format – Select an option according to the TV connection type. [YPbPr]: When your TV is connected to the COMPONENT OUTPUT jacks on the unit. [RGB]: When your TV is connected to the SCART jack on the unit. Antenna Feed 5V – If you are using an indoor antenna, use one with a signal amplifier rated at DC 5V, 100mA and set this option to [ON]. [ON]: Power is supplied to the connected antenna. [OFF]: The unit does not supply power to the connected antenna. Initialization – You can reset the unit to its original factory settings and format the HDD. [Factory Set]: You can reset the unit to all its factory settings.

Some options cannot be reset (Rating, Password, and Area Code). The auto setup menu appears on the screen after the factory settings. [HDD format]: Everything recorded on the HDD will be erased. Auto Power Off – If you set this option to [On], when you leave the unit in stop mode for about 25 minutes, the unit automatically turns itself off. Auto Programming – This option automatically scans and sets the available channels. Password is needed to access this option, if [Lock System] option is set to [On]. (page 20) [Country]: Select a country where you operate this unit. If the country that you want to set is not listed, select [Others]. [All, Digital or Analog]: Select a broadcasting type which you want to scan automatically. [Start]: Start the channel scanning. Program Edit– This option allows you to add channels and edit preset channels. Password is needed to access this option, if [Lock System] option is set to [On]. (page 20) [Add Channel]: Select the broadcasting type between [Digital] and [Analog] and then press v V to select the channel and press ENTER to add the selected channel. [Edit]: Displays the screen which show preset channel list and channel editing options. (page 15) Clock Set– The clock must be set in order to use [Timer record].

[Auto]: Set the channel that broadcasts a clock signal and the clock will be set automatically. If the clock that has automatically set is different with your local clock, you can add more time using [Time Offset] option. (For example, when summer time is started in local area.) Press B to select [Time Offset] option. Press v V to select a value then press ENTER (0, 30, 60, 90, 120).

Select "0" if the clock that has automatically set is identified with your local clock. [Manual]: If there is no channel that broadcasts a clock signal in your area, you can set the time and date manually.

18 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 19 Adjust the language settings Adjust the audio settings Display Menu – Select a language for the Setup menu and on-screen display. Disc Menu/Audio/Subtitle – Select a language for the Menu/Audio/Subtitle. [Original]: Refers to the original language in which the disc was recorded. [Others]: To select another language, press number buttons then ENTER to enter the corresponding 4-digit number according to the language code list on page 38. If you make a mistake while entering number, press CLEAR to delete numbers. [OFF] (for Disc Subtitle): Turn off Subtitle. DTV Audio – Digital channels sometimes provide multiple audio tracks, often in a different language. You can set a default audio language with this setting.

If provided by the broadcaster, you can also select a different audio language while viewing TV by pressing AUDIO repeatedly. DTV Subtitle – Digital channels sometimes provide subtitle, often in a different language. You can set a default subtitle language with this setting, if DTV subtitle is provided by the broadcaster. Press SUBTITLE repeatedly to select a subtitle language while viewing digital TV viewing. DivX Subtitle – Select a language code for the DivX® subtitle. Dolby Digital / DTS / MPEG – Selects the type of digital audio signal when using the DIGITAL AUDIO OUTPUT jack. [Bitstream] – Select this when you connect this unit's DIGITAL AUDIO OUTPUT jack to an audio component with a built-in Dolby Digital, DTS or MPEG decoder. [PCM] (for Dolby Digital / MPEG) – Select this when you connect this unit's DIGITAL AUDIO OUTPUT jack to an audio component without a built-in Dolby Digital or MPEG decoder. [Off] (for DTS) – Select this when you connect this unit's DIGITAL AUDIO OUTPUT jack to an audio component without a built-in DTS decoder. Sample Freq.

(Frequency) – Selects the sampling frequency of the audio signal. [48 kHz]: In case of DVD with 96KHz sampling, the output is converted to 48KHz. If your receiver or amplifier is NOT capable of handling 96KHz signal, select [48KHz]. [96 kHz]: The audio signals are output in their original format. DRC (Dynamic Range Control) – Make the sound clear when the volume is turned down (Dolby Digital only).

Set to [On] for this effect. Vocal – Select [On] to mix karaoke channels into normal stereo. This function is effective for multi-channel karaoke DVDs only. 19 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 20 Adjust the lock settings Area code – Select a code for a geographic area as the playback rating level. This determines which area's standards are used to rate DVDs controlled by the parental lock.

See the Area Codes on page 38. DivX Reg. Code– We provide you with the DivX® VOD (Video On Demand) registration code that allows you to rent and purchase videos using the DivX® VOD service. For more information, visit www.divx.com/vod. Press ENTER when [View] icon is highlighted and you can view the registration code of the unit. Adjust the recording settings To access the Lock System, DVD Rating, DTV Rating, Set Password or Area Code options, you must enter the 4-digit password. If you have not yet entered a password you are prompted to do so. Enter a 4-digit password.

Enter it again to verify. If you make a mistake while entering number, press CLEAR to delete numbers. If you forget your password, you can reset it. Displays the SETUP menu. Input '210499' and press ENTER. The password has now been cleared. Lock System – Allows you to set up specific programs and ratings through blocking schemes. Also allows you to activate or disable all of the lock schemes previously set up. A password is required to gain access to the lock menu options. When the Lock System is set to [OFF], the [DTV Rating] is not effective.

DVD Rating – Select a DVD rating level. The lower the level, the stricter the rating. Select [No Limit] to deactivate the rating. DTV Rating – You can set the ratings to block out all the programs with ratings above a specified level. [No Control]: You can view all programs.

[04 Years] – [18 Years]: Rating [04 Years] has the most restrictions and [18 Years] is the least restrictive. [Lock All]: All programs are locked. To view a program, you must input the 4-digit password you have created. Set Password – Changes or deletes the password. [Change]: Enter the new password twice after entering the current password.

[Delete]: Delete the current password after entering the current password. Record Mode Set – Select the picture quality for recording from XP, SP, LP, EP or MLP. See recording time of each mode on page 41. [XP]: Highest picture quality. [SP]: Standard picture quality. [LP]: Slightly lower picture quality than [SP] mode. [EP]: Low picture quality. [MLP]: The longest recording time with the lowest picture quality. Record Aspect – This option sets the recording aspect ratio to suit the material you are recording on DVD. DV Record Audio – You need to set this if you have a camcorder using 32kHz/12-bit sound connected to the front panel DV IN jack.

Some digital camcorders have two stereo tracks for audio. One is recorded at the time of shooting; the other is for overdubbing after shooting. On the Audio 1 setting, the sound that was recorded while shooting is used. On the Audio 2 setting, the overdubbed sound is used. 20 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 21 TV Record Audio – Select an audio channel to record when recording a bilingual program. [Main+Sub]: Main language and sub language [Main]: Main language only [Sub]: Sub language only Auto Chapter – When DVD recording, chapter markers are added automatically in every specified interval (5, 10 or 15 min.). AV2 Recording – Selects a method of inputting video signals for the AV2(DECODER) jack. The picture will not be clear if this setting does not match the type of the video input signal. @@[CVBS]: Inputs CVBS(composite) video signals.

[RGB]: Inputs RGB signals. [S-VIDEO]: Inputs S-Video signals. @@@@@@[Finalize]: The [Finalize] menu appears. The unit starts finalizing after confirmation. @@After unfinalizing, the disc can be edited and rerecord.

@@@@@@Discs are automatically finalized when removed from the unit. @@@@The keyboard menu appears by pressing ENTER while [Edit] is selected. @@@@The [Disc Format] menu appears. The unit starts formatting after confirmation. You can select a mode between VR and Video for DVD-RW discs.

The everything recorded on the DVD will be erased after formatting. @@@@@@@@The time search box shows the elapsed playing time. @@@@@@@@@@@@During playback, press DISPLAY twice to display the playback menu. @@During playback, press DISPLAY twice to display the playback menu. @@@@@@@@@@Press v to move the highlight position to top of the program list. Press b B to select a [DIGITAL TV], [ANALOG TV], or [RADIO]. @@@@@@d Indicates current date and time. e Indicates program title, start time, end time, etc.

@@@@(Wide Icon): Indicates that the current program is shown in wide picture format. (Teletext Icon): Indicates that there is a Teletext available (see page 25).

Displaying the favorite program list You can display favorite channel list that organized by your private taste. To set a favorite program, use [Program Edit] option in the Setup menu. (page 18.) Press Red colored button while watching a TV. The favorite options appears. Press v V to select a desired program then press ENTER to watch the selected program. 23 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 24 Using the digital EPG ON REMOTE 1 Displays the EPG menu: 2 Select a TV program: 3 Displays the next/previous menu list: 4 Shows the selected program currently on air: 5 Exit the EPG menu: EPG vV .> ENTER EPG or RETURN Switching the EPG menu The EPG screen provides two search menus. Press yellow color button when the EPG menu is displayed. Now/Next: The screen shows now and next programs.

Using the digital EPG - more you can do About the digital EPG The digital EPG shows a table of scheduled digital TV programs and detailed information about individual program. The digital EPG screen consist of program information, channel list and general program list. Note that the unit's clock must be set to the correct time and date to ensure all relevant EPG information is displayed. 8 Days: The screen shows programs within 8 days. When the EPG menu with 8 days is displayed, you can also change the date of the EPG menu by pressing the green color button then use b / B to select a date.

Displaying the detailed Information window You can view detailed information for the highlighted program. Press blue color button to display detailed information window. To exit the detail information window, press blue color button again. You can set a timer record using EPG menu with 8 days. Select a program then press red color button.

The red timer icon will be displayed and the program will be memorized by the recorder. You can check the programming on the [Timer Record List] menu (see page 31). To cancel the timer recording, select the program then press red color button. The red timer icon disappears. 24 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 25 Viewing a Teletext service Teletext is a free broadcasting service by some TV stations which gives up-to-the-minute information on news, weather, television programs, share prices and many other topics. The recorder gives you access to teletext which is greatly improved in various aspects such as text and graphics. This teletext can be accessed by special teletext services and specific services which broadcast teletext. Play a disc ON REMOTE 1 Open the disc tray: 2 Insert a disc: 3 Close the disc tray: 4 Adjust the disc menu settings: A disc menu may not appears on the screen depending on the disc. 5 Starts playback: 6 Stops playback: Z OPEN/CLOSE (Z) Z OPEN/CLOSE (Z) v V b B, ENTER N PLAY (N) x STOP (x) Use numbered (0-9) buttons or PR/CH on the remote control to change the program which broadcast teletext. Press TEXT to access on the teletext.

Follow the indications on teletext and move onto the next or previous step by pressing color (RED or GREEN) or SKIP (. / >) buttons. Press (TEXT) or RETURN (O) to turn the teletext off and return to TV viewing. Play a disc - more you can do Playing a disc that contains a menu DVD The menu screen may be displayed first after loading a DVD which contains a menu. Use the b / B / v / V buttons to select the title/chapter you want to view, then press ENTER to start playback. Press TITLE or MENU/LIST to return to the menu screen. Selecting teletext page Enter the desired page number as a three digit number with the numbered buttons. If during selection you press a wrong number, you must complete the three digit number and then enter the correct page number again. Use RED/GREEN buttons to move up and down pages. Skip to the next/previous chapter/track/file HDD DVD ALL ACD MP3 WMA DivX Press SKIP (>) to move to the next chapter/track/file.

@@@@@@@@@@@Your selected portion will be repeated continually. You cannot select a portion less than 3 seconds. @@@@@@@@@Press PLAY (N) to continue play at normal speed. Hearing a different audio HDD DVD ALL DivX Press AUDIO then press b or B repeatedly to hear a different audio language, audio track or encoding method. Slow down the playing speed HDD DVD ALL While playback is paused, press SCAN(bb or BB) to slow down forward or reverse playback.

@@Press PLAY (N)to continue play at normal speed. Viewing the Title menu DVD Press TITLE to displays the title menu or disc menu. If the current DVD title has a menu, the title menu appears on the screen. Otherwise, the disc menu may appears. 26 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 27 Playing DivX® movie files ON REMOTE 1 Displays the HOME menu: 2 Selects a [MOVIE] option: 3 Selects an option that contains DivX file: 4 Selects a movie file from the menu: 5 Plays the selected movie file: 6 Stops the playback: HOME bB v V, ENTER vV PLAY STOP Divx file requirement Available resolution size: 720x576 (W x H) pixel DivX file extensions: ".

avi", ".divx" Playable DivX subtitle: ".smi", ".srt", ".sub (Micro DVD format only)", ".txt (Micro DVD format only)" Playable Codec format: "DIV3", "MP43", "DIVX", "DX50" Playable Audio format: "AC3", "PCM", "MP2", "MP3", "WMA" Sampling frequency: within 8-48 kHz (MP3), within 32-48kHz (WMA) Bit rate: within 8 - 320kbps (MP3), within 32 - 192kbps (WMA) CD-R Format: ISO 9660 and JOLIET. DVD±R/RW Format: ISO 9660 (UDF Bridge format) Maximum Files/Disc: Less than 1999 (total number of files and folders) Playing a DivX® movie files - more you can do Movie List menu options Select which file you would like to show from the menu and press ENTER. An options menu appear on the left side of the screen. Notes on DivX format The DivX subtitle file name has to be identified with the DivX file name to be display on the unit. If the subtitle file does not display properly, change the language code in the [DivX Subtitle] option.

(page 19) If the number of the screen frame is over 29.97 frames per second, this unit may not operate normally. If the video and audio structure of DivX file is not interleaved, the audio and video output may not be matched properly. If there is impossible code to express in the DivX file name, it may be displayed as "_" mark. If a bitrate of DivX file on the USB is over 4Mbps, the file may not be played properly. [Play]: Starts playback the selected file. [Open]: Opens the folder and a list of files in the folder appears. [Delete]: Deletes the file(s) of folder (s) from the hard disk drive. [Rename]: Edits the file name in the HDD. [Move]: Moves selected file(s) to another folder in the HDD.
[Copy]: Copies a file(s) to another folder in the HDD.

Displaying movie file information Press DISPLAY to show file information on the highlighted file in the movie list. 27 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 28 Selecting multiple files or folders on the list You can select not only single file but also multiple files using MARKER button. Press MARKER at the desired files to select multiple files. Selecting all files and folders on the current list If you want to select all files and folders on the list, press CLEAR at any file or folder on the list.

Press CLEAR again to deselect files and folders. This function is not available for Audio CD. Naming a file or folder on the HDD You can name a file or folder on the HDD. The length of a name can be up to 32 characters long. Copying file(s) or folder(s) to the HDD You can copy file(s) or folder(s) to the HDD.

Select file(s) or folder(s) you would like to copy then press ENTER. Select [Edit] option then press ENTER to show sub options. The [Copy] menu appears by pressing ENTER while [Copy] option is selected. Select a directory that you would like to copy to. Select the [Copy] option then press ENTER to begin copying. Moving file(s) or folder(s) to the other folder on the HDD You can move file(s) or folder(s) to the other folder on the HDD. Select a file or folder you would like to rename then press ENTER. Select [Edit] option then press ENTER to show sub options. The keyboard menu appears by pressing ENTER while [Rename] option is selected. Select file(s) or folder(s) you would like to move then press ENTER.

Select [Edit] option then press ENTER to show sub options. The [Move] menu appears by pressing ENTER while [Move] option is selected. Select a directory that you would like to move to. Select the [Move] option then press ENTER to begin moving. 28 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 29 Listening to a music ON REMOTE 1 Displays the HOME menu: 2 Select a [MUSIC] option: 3 Selects an option that contains music: 4 Selects a music from the menu: 5 Plays the selected music: 6 Stops the playback: HOME bB v V, ENTER vV PLAY STOP Displaying MP3/WMA file information Press DISPLAY while the file you want to show the file information is selected. The unit shows the ID3-Tag information of the file. If the file does not have ID3-Tag information, [ID3-Tag: None] appears on the screen. MP3/WMA audio file requirement File extensions: ".mp3", ".wma".

Sampling frequency: within 8 - 48 kHz (MP3), within 32 - 48kHz (WMA) Bit rate: within 8 - 320kbps (MP3), within 32 - 192kbps (WMA) CD-R Format: ISO 9660 and JOLIET. DVD±R/RW Format: ISO 9660 (UDF Bridge format) Maximum Files/Disc: Less than 1999 (total number of files and folders) Listening to a music - more you can do Music List menu options Select which file/track you would like to show from the menu and press ENTER. A menu appears on the left side of the screen. Creating your own program You can play the contents in the order you want by arranging the order of the musics. The program is cleared when exit the [Music List] screen.

To add or erase a music(s) on the program list, press MENU/LIST to display the [Program List]. Select a desired music from the [Music List] then press ENTER. If you want to select multiple files/tracks, press MARKER at the every desired files/tracks. Select the [Program Add] option then press ENTER to add the selected files/tracks to the [Program List]. Select a music from the [Program List] then press PLAY to start programmed playback.

You can change the playing order using [Move] option on the program list menu. Audio CD MP3/WMA Erasing tracks/files from Program List To delete a music from the program list, select the music you want to delete then press ENTER. An option menu appear on the left side of the screen. Select the [Delete] option then press ENTER to erase the music from the list. [Play]: Starts playback the selected file/track. [Random]: Starts or stops random playback. [Open]: Opens the folder and a list of files in the folder appears. [Delete]: Deletes the file(s) or folder(s) from the hard disk drive. [Rename]: Edits the file name in the HDD. [Move]: Moves selected file(s) to another folder in the HDD.

[Copy]: Copies a file(s) to another folder in the HDD. [Program Add]: Adds a file(s)/track(s) to [Program List]. [Save]: Saves a [Program List] that you have arranged in the HDD. [Load]: Loads a saved [Program List] in the HDD. Save your Program List (HDD only) This unit memorizes the [Program List] that you have programmed. Select a file on the [Program List] then press ENTER. Select the [Save] option then press ENTER to save the [Program List]. 29 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 30 Viewing a photo ON REMOTE 1 Displays the HOME menu: 2 Selects a [PHOTO] option: 3 Selects an option that contains photo file: 4 Selects a photo from the list: 5 Displays the selected photo in full screen: 6 Returns to the Photo List: HOME bB v V, ENTER vVbB PLAY STOP Rotate a photo Use vV to rotate the photo while displayed in full screen. Viewing photo files as a slide show To slide show photos in the [Photo list], select the [Slide Show] option on the left side of the screen then press ENTER, The [Slide Show] menu appears on the screen. Set the [Object] and [Speed] options then press ENTER while [Start] option is selected.

The unit starts slide show as you set on the menu. [Object] option: [Selected] Views slide show only selected files. Use the MARKER button to select multiple files. [All] Views slide show all files. [Speed] option: Sets the Slide Show speed to [Slow], [Normal], or [Fast].

Viewing a photo - more you can do Photo List menu options Select which file you would like to show from the menu and press ENTER. A menu appears on the left side of the screen. Listening to music during slide show You can slide show photo files while listening to MP3/WMA music files on HDD. Press ENTER while [Simultaneous Music play] option is selected on the [Slide Show] menu. The music file selection menu appears on the screen.

Press MARKER at the desired files to play then press ENTER while [Start] option is selected. The unit starts slide show with music playing. [Select All]: Select all files in current directory. [Deselect All]: Deselect all files. Pause a slide show Press PAUSE/STEP to pause a slide show. Press PLAY to continue the slide show. Photo file requirement [Full Screen]: Shows the selected file in full screen. [Open]: Opens the folder and a list of files in the folder appears. [Delete]: Deletes the file(s) or folder(s) from the hard disk drive. [Rename]: Edits the file name in the HDD.

[Move]: Moves selected file(s) to another folder in the HDD. [Copy]: Copies a file(s) to another folder in the HDD. [Slide Show]: Displays the [Slide Show] menu. File extension: ".jpg" Photo size: Less than 4MB recommended CD-R Format: ISO 9660 and JOLIET. DVD±R/RW Format: ISO 9660 (UDF Bridge format) Maximum Files/Disc: Less than 1999 (total number of files and folders) Skip to the next/previous photo Press SKIP (.

or >) to view the previous/next photo while displayed in full screen. Notes on JPEG file Progressive and lossless compression JPEG image files are not supported. Depending on the size and number of the JPEG files, it may take several minutes to read the contents of the media. 30 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 31 Recording Follow the instruction below to record a TV channel or other source.

The recording continues until the media is full, you stop the recording or the progress of recording is more than 12 hours. 1 Selects a recording mode: You can select a recording mode on the SETUP menu. (XP, SP, LP, EP or MLP) 2 Selects a recording media: 4 Starts recording: 5 Stops recording: Setting a timer record This unit can be programmed to record up to 16 timer recordings within a month. The clock must be set correctly before setting a timer. ON REMOTE HOME, v V b B, ENTER HDD or DVD REC STOP 3 Selects a channel or source you want to record: PR/CH, AV/INPUT Press HOME and select TV option.

Press v V to select the [Timer Record] and press ENTER to display [Timer record List] menu. Use v V to select [New] and press ENTER to display [Timer Record] menu. Adjust the each field as described below using v V b B. [Media]: Choose a media to record (HDD or DVD). [CH/PR]: Choose a memorized program number, or one of the external inputs from which to record.

(You cannot select DV input and radio channel.) [Date]: Choose a date up to 1 month in advance. [Start Time]: Set the start time. [End Time]: Set the end time. [Repeat] Choose a desired repeat (Once, Daily (Mon-Fri), or Weekly). Recordings from EPG menu will always be set to [Once]. Press REC repeatedly to set the recording mode (XP, SP, LP, EP or MLP) then press ENTER to set a timer recording. The "Rec OK" or "OK" on the [Check] field on the [Timer Record List] menu indicates the timer recording is programmed correctly. Recording - more you can do Changing TV audio channel Before recording, you can change the TV audio channel for stereo and bilingual broadcast. Press AUDIO repeatedly to change the audio channel.

The current audio channel is displayed on-screen. Set the [TV Rec Audio] option in the SETUP menu when recoding a bilingual broadcast. Instant timer recording Instant timer recording allow you to make a recording of preset length easily. When the REC is first pressed, recording starts. Press REC repeatedly to select a certain amount of time. Each press of REC to displays the increased recording time on-screen. You can set the instant timer recording up to 240 minutes on HDD or up to 720 minutes on DVD, depending on the free space available. 31 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 32 Canceling a timer recording You can cancel a timer record before the timer recording actually starts. Select a timer recording that you want to cancel on the [Timer Record List] menu and press CLEAR. Record from a camcorder You can record form a DV-equipped camcorder to the HDD by connecting it with a DV cable.

You can also record form a digital camcorder connected to the DV in jack on the front of the unit. Press AV/INPUT repeatedly to select the DV input. Find the place on the camcorder recording that you want to begin recording from and press REC to start recording. Depending on your camcorder, you can use this recorder's remote to control the camcorder using the STOP, PLAY and PAUSE functions. Press STOP to end recording.

Timer Recording Troubleshooting Even though the timer is set, the unit will not record when: – There is no disc loaded and there is not free space on the HDD. – A non-recordable disc is loaded and there is not free space on the HDD. – [Disc Protect] option is set to [ON] in the Setup menu and there is not free space on the HDD (see page 21). – The unit is in operating (recording, copying, deleting etc.).
– There are already 99 titles (DVD-RW, DVD-R), 49 titles (DVD+R, DVD+RW) recorded on the disc and there are already 255 titles recorded on the HDD. You cannot enter a timer program when: – A recording is already underway. – The time you're trying to set has already passed. – There are already 16 timer programs set. If two or more timer programs overlap: – The earlier program takes priority. – When the earlier program finishes, the later program starts. – If two programs are set to start at exactly the same time, the program entered first takes priority. Recording From an external inputs You can record from an external component, such as a camcorder or VCR, connected to any of the recorder's external inputs. Each press of the AV/INPUT changes the input source as described below. Make sure that the component you want to record from is connected properly to the unit before recording an external source.

Tuner: Built-in tuner AV1: AV1 scart jack mounted on back panel AV2: AV2 DECODER scart jack mounted on back panel AV3: AV IN 3 (VIDEO, AUDIO (L/R)) mounted on the front panel DV: DV IN mounted on front panel Simultaneous playback and record You can play other contents while you are recording. Simply press HOME and select the playable contents you want to play while recording. You cannot playback other contents while copying or dubbing. The DivX file cannot be played while recording. When you recording on a DVD, the contents on the DVD cannot be played. Time Slip You can watch the title that you are currently recording to HDD with this function. After the recording is progressed over 15 seconds, press PLAY to playback the title that you are currently recoding. If you stop playback the title, returns to the current recording position. 32 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 33 Using time shift function This feature allow you to pause or rewind live TV, so you do not miss a thing if you were interrupted. Press TIMESHIFT then press PAUSE/STEP while watching live broadcast before answering the phone.

The timeshift function will record the broadcast of later viewing. Before using this function, make sure that the unit is in HDD mode. If no button is pressed for 6 hours, the timeshift will stop automatically. You can use trick play functions (slow, scan, etc.) during timeshift. Refer to playback operation on page 25-26. Stop timeshift by pressing STOP and confirm by pressing ENTER. You will returned to watch a broadcast in real time. Editing a title Using the Title list menu,you can edit video contents. 1 Selects a recording media: 2 Displays a [Title List] menu: 3 Selects a title you want to edit: ON REMOTE HDD or DVD MENU/LIST vVbB 4 Displays an editing menu: ENTER The options are differ depending on the media type. 5 Selects a menu option: 6 Exit the [Title List] menu: v V b B, ENTER RETURN Jump to start or end during timeshift Press ENTER to show progress bar during timeshift. Press b to jump to the beginning and B to jump to the end of the timeshift. Editing a title - more you can do About title list menu Press MENU/LIST to display the Title List menu.

Playback should be stopped when you do this. You can also access it using HOME menu, select [MOVIE] option then select [HDD] or [DISC] option and press ENTER. If you are editing a VR mode disc, press MENU/LIST to switch between Original and Playlist menu. a b c d e f Clip recording If you want to record a timeshifted program as a title, press REC at the starting point and ending point you want to record. The timeshift progress bar indicates a clip that you select with red bar. You can make more clips by repeating this instruction. The clips will be recorded when you exit the timeshift function.

Using time shift function automatically If the [Time Shift] option in the SETUP menu is set to [ON], timeshift starts automatically without pressing TIMESHIFT button in HDD mode. If you want to quit timeshift function, set the [Time Shift] function to [OFF]. a Current media b Indicates the record mode, free space, and elapsed time progress bar. c Menu options: To display menu option, select a title or chapter then press ENTER. The options displayed differ depending on the disc type. d Currently selected title. e Thumbnail f Shows the title name, recorded date, and recording length. 33 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 34 Before editing This unit offers various edit options for various disc types. Before you edit, check the disc type, and select the option available for your disc. You can enjoy advanced edit functions with VR mode formatted DVD (DVD-RW or DVD-RAM).

Editing either the original recording(called the "original"), or the playback information created from the original (called a "Playlist"). Edits made to the original titles are final. If you plan to edit a title without editing the original title, you can create a Playlist title for editing. A Playlist is a group of Playlist titles created from the original title for editing purpose. Titles in the disc's original content contain one or more chapters.

When you insert a disc's title into the Playlist, all the chapters within that title also appear. In other words, chapters in the Playlist behave exactly as chapters on a DVDVideo disc do. Parts are sections of Original or Playlist titles. From the Original and Playlist menu you can add or delete parts. Adding a chapter or title to the Playlist creates a new title made up of a section (ie.

, chapter) of an Original title. Deleting a part removes part of a title from the Original or Playlist menu. Chapter search HDD -RWVR -RWVideo +RW +R -R RAM You can select the start of a title by searching a chapter. Select a title that you want to search and press ENTER. Select [Chapter] in the [Search] option from the menu on the left of the screen, and press ENTER to display the [Chapter List] menu. Use v V b B to find the chapter you want to start playback, and press PLAY to start playback. Making a new PlayList -RWVR RAM The PlayList allow you to edit or re-edit a title or chapter without changing the Original recordings. Use this function to add an Original title or chapter to a new PlayList or the registered Playlist. Adding chapter markers HDD -RWVR +RW +R RAM You can create chapters within a title by inserting chapter marks at the desired point. Press MARKER at the desired point while playback or recording.

A chapter marker icon appears on the screen. The chapter markers can be added at regular interval automatically by setting the [Auto Chapter] option in the SETUP menu. Select an Original title or chapter that you want to put into the PlayList then press ENTER. Select the [Playlist Add] option and then press ENTER to display the [Select PlayList] menu. Choose a PlayList-title that you want to put the selected Original title or chapter to, or select the [New PlayList] to create a new PlayList. Deleting a title or chapter When you delete a title or chapter from the PlayList, the title or chapter in the Original still remains. However, if you delete a chapter or title from Original, the title or chapter deleted from the Original are also removed from PlayList. Select a title or chapter that you want to delete and press ENTER. Select [Delete] option from the menu on the left of the screen and press ENTER to confirm. HDD – You can delete multiple files using MARKER button.

Press MARKER at the desired files to select multiple files and then follow the instruction above. Moving a PlayList chapter -RWVR RAM Use this function to re-arrange the playing order of a PlayList title on the [Chapter List-Playlist] menu. Select [Move] option from the menu on the left of the [Chapter List-Playlist] screen and press ENTER. Use v V b B to choose the place you want to move the chapter then press ENTER. The updated menu is displayed 34 RH499D-P-BDEULLW_ENG 11/14/12 3:09 PM Page 35 Time search HDD -RWVR -RWVideo +RW +R -R RAM Dividing a title HDD +RW You can select the start of a title by searching through the time duration.

Select a title that you want to search and press ENTER. Select [Time] in the [Search] option from the menu on the left of the screen and press ENTER to display the [Search] menu. Use this function to split a title up into two titles. Select a title that you want to divide and press ENTER. Select [Divide] in the [Edit] option from the menu on the left of the screen and press ENTER to display the [Divide] menu.

Find the point you want to divide a title using PLAY, SCAN, PAUSE/STEP buttons and press ENTER while [Divide] option is selected. The playback screen shows the divided point. Select [Done] option and press ENTER to divide. You cannot select dividing point less than 3 seconds. Protect a title -RWVR +RW +R RAM Use this function to protect a title against accidental recording, editing or deleting. Select a title you want to protect and press ENTER. Select [Protect] option from the menu on the left and press ENTER. The lock mark will appears on the title thumbnail. Use b B to find the time you want to start. Each press of b B to moves 1 minute and press and hold b B to moves 5 minutes.

Press ENTER to watch a title from a selected time. If you want to unprotect the title, select the protected title and press ENTER. Select [Unprotect] option from the menu on the left and press ENTER to unprotect it. Sorting the titles HDD Press ENTER to bring up the options menu. Select [Sort] option and press ENTER to view the further options. Here you can choose to sort titles according to [Date] (when they were recorded), [Title] (alphabetical order) or by [Category] (sort by genre). Deleting a part HDD -RWVR RAM You can delete a part which you do not want in the title. Select a title that you want to delete part and press ENTER. Select [Delete Part] in the [Edit] option from the menu on the left of the screen and press ENTER to display the [Delete part] menu. You can find the point using PLAY, SCAN, PAUSE/STEP buttons.

[Start Point]: Select starting point of a part that you want to delete then press ENTER. [End Point]: Select ending point of a part that you want to delete then press ENTER.