LG
Life's Good

Freeview+ DVD Recorder with HDD

RHT599H

Freeview + digital ✓ Certification mark Approved product · DVB Digital Video Broadcasting · DVD VIDEO RAM/RW · RW DVD+ReWritable · DivX®

DOLBY DIGITAL STEREO CREATOR · Plays Windows Media™ · DVFX The Clear Choice In Digital Video™ · RAM COMPATIBLE RECORDER · HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE
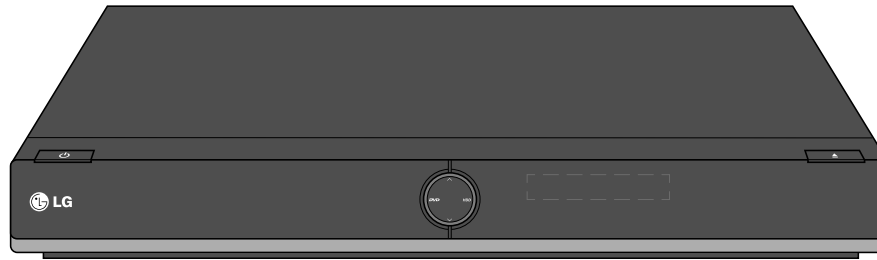
SAFETY AND WARNINGS

Please carefully read this user manual before setting up the unit and retain for future use.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

GENERAL

⚠ **WARNING:** Risk of electric shock, DO NOT attempt to repair, service or modify this unit always refer servicing and maintenance to qualified service personnel.

⚠ **WARNING:** Risk of exposure to radiation from class1/ class 3b visible and invisible laser beams. DO NOT open the unit and stare directly into beam.

⚠ **WARNING:** To prevent fire or electric shock hazard, DO NOT expose this product to rain or moisture.

⚠ **WARNING:** DO NOT expose this unit to dripping or splashing water. Objects filled with liquids, such as vases, should NOT be placed on or near the unit.

⚠ **WARNING:** DO NOT place heat sources or naked flames (e.g candles) on or near this unit.

⚠ **WARNING:** Slots and openings on this unit are for ventilation to prevent over heating. DO NOT block these by placing it on a bed, sofa, rug or other similar surface.

⚠ **WARNING:** To reduce the risk of the unit over heating ensure the surrounding area is clear and well ventilated.

⚠ **WARNING:** Cigarette smoke can damage this unit, DO NOT smoke around this unit.

⚠ **WARNING:** DO NOT install this unit in a confined space such as a book case, rack or similar unit. Ensure the area is well ventilated.
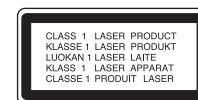
⚠ **WARNING:** DO NOT install this unit on an uneven surface or area prone to vibration.

BATTERIES

⚠ **WARNING:** Risk of explosion and damage to the unit and remote control if batteries are replaced incorrectly.

⚠ **WARNING:** DO NOT dispose of batteries in a fire.

⚠ **WARNING:** DO NOT dispose of batteries with normal household waste, take to a local recycling centre.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
CLASSE 1 PRODUIT LASER

CAUTION
THIS PRODUCT USES A LASER SYSTEM

CAUTION: CLASS 3B VISIBLE AND INVISIBLE LASER RADIATION WEN OPEN AND INTERLOCKS DEFEATED AVOID EXPOSER TO THE BEAM.

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COPYRIGHTS

Recording equipment should be used only for lawful copying and you are advised to check carefully what is lawful copying in the area/region 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 method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorised by Macrovision Corporation, and is intended for home and other limited viewing uses only, unless otherwise authorised by Macrovision corporation. Reverse engineering or disassembly is prohibited.

OPEN SOURCE SOFTWARE NOTICE

This unit includes the following open source software:

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.

Doubly Linked List licensed by Artistic license.

You can download this software from http://freshmeat.net/projects/linklist/.

Manufactured under license from Dolby Laboratories. Dolby and the D symbol are trademarks of Dolby Laboratories.

REGIONAL CODES
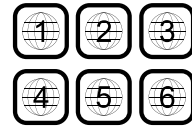
This unit has a regional code printed on the rear of the unit and can play only DVD discs labelled with the same code as on the rear of the unit or "ALL".

Most DVD discs have a globe with one or more numbers in it clearly visible on the cover. This number must match your unit's regional code or the disc cannot play. If you try to play a DVD with a different regional code from the unit, the message "Incorrect region code. Can't play back" appears on the TV screen.

DISPOSAL OF YOUR OLD UNIT

The wheeled bin symbol means the unit and remote control is covered by the European Directive 2002/96/EC.

DO NOT dispose of this unit with normal household waste, take to a local authority recycling centre.

Dispose of packaging correctly after installation

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. chased this product.

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SPECIFICATIONS

GENERAL

Power requirements:	AC 200-240V, 50/60 Hz
Power consumption:	30W
Dimensions (approx.):	430 X 49 X 275 mm (w x h x d) without foot
Net weight (approx.):	4 kg
Operating temperature:	5°C to 35°C
Operating humidity:	5 % to 65 %
Television system	
Analogue:	PAL I, B/G, I/I, SECAM D/K, K1, colour system
Digital:	DVB-T Standard Compliant
Recording format	PAL

RECORDING

Recording format	DVD Video Recording, DVD-VIDEO
Recordable media	HDD (500GB)
	DVD-RW, DVD-R, DVD+RW, DVD+R,
	DVD+R(Double Layer), DVD-RAM
Recordable time	DVD (4.7GB): Approx.1 hour (XP mode),
	2 hours (SP mode), 4 hours (LP mode),
	6 hours (EP mode), 14 hours (MLP mode)
	DVD+R DL (8.5GB): Approx. 3 hours
	(XP mode), 3.8 hours (SP mode), 7.3 hours
	(LP mode), 9.1 hours (EP mode) 21 hours
	(MLP mode) HDD (500GB, MPEG2
	Recording): Approx. 133 hours (XP mode),
	259 hours (SP mode), 506 hours (LP mode),
	715 hours (LP mode), 169Í hours (MLP mode)

VIDEO RECORDING FORMAT

Sampling frequency	27MHz
Compression format	MPEG2

AUDIO RECORDING FORMAT

Sampling frequency	48kHz
Compression format	Dolby Digital

PLAYBACK

Frequency response	DVD (PCM 48 kHz): 8 Hz to 22 kHz,
	CD: 8 Hz to 20 kHz DVD (PCM 96 kHz):
	8 Hz to 44 kHz
Signal-to-noise ratio	More than 90 dB (AUDIO OUT connector)
Harmonic distortion	Less than 0.02% (AUDIO OUT connector)

INPUTS

Antenna in	Antenna input, 75 ohms
Video in	1.0 Vp-p 75 ohms, sync negative,
	RCA jack x 1 / SCART x 2
Audio in	2.0 Vrms more than 47 kohms,
	RCA jack (L, R) x 1 / SCART x 2
DV in	4 pin (IEEE 1394 standard)
USB in	4 pin (USB 1.1 standard)

OUTPUTS

Video out	Vp-p 75 Ω, sync negative, SCART x 2
S-Video out	(Y) 1.0 V (p-p), 75 Ω, sync negative,
	Mini DIN 4-pin x 1(C) 0.3 V (p-p) 75 Ω
Component video out	(Y) 1.0 V (p-p), 75 Ω, sync negative,
	RCA jack x 1, (PB)/(PR) 0.7 V (p-p), 75 Ω,
	RCA jack x 2
HDMI video/audio output	19 pin (HDMI standard, Type A)
Audio output (digital)	0.5 V (p-p), 75 Ω, RCA jack x 1
Audio output (optical)	3 V (p-p), Optical connector x 1
Audio output (analog)	2 Vrms (1 kHz, 0 dB), 600 Ω,
	RCA jack (L, R) x 2 / SCART x 2

RECORDABLE AND PLAYABLE DISCS

This unit can play and record all widely-used DVD types. The table below shows some specific compatability differences depending on the disc types.

	HDD	DVD-R	DVD-RW	DVD-RAM	DVD+R	DVD+R(DL)	DVD+RW
Logos	HDD HARD DISK DRIVE	DVD R	DVD RW	DVD RAM	RW DVD+R	RW DVD+R DL	RW DVD+ReWritable
Re-Writable	Yes	No	Yes	Yes	No	No	Yes
Formatting Mode (new discs)	–	Video mode	Video mode	VR mode	Auto	Auto	Auto
Editing	Yes	Limited	Yes	Yes	Limited	Limited	Yes
Play on other players	–	The player must compatible with corresponding media and the media has to be finalized.					
Recommended discs	–	Mitsubishi(8x,16x) Verbatim(8x,16x)	Mitsubishi(4x) Verbatim(4x) JVC(4x) Maxell(4x)	Mitsubishi(3x) Maxell(5x)	Mitsubishi(8, 16x) Verbatim(8x,16x)	Mitsubishi(2.4x, 8x)	Mitsubishi(4x) HP(4x) Verbatim(4x) Ricoh(4x)

The table below shows the file formats and media types that this unit can playback.

	DVD	Audio CD	Data disc (DivX, JPEG, MP3 or WMA)	
Logos	DVD VIDEO	disc DIGITAL AUDIO	disc DIGITAL AUDIO Recordable	disc DIGITAL AUDIO ReWritable
Characteristics	Discs such as movies that can be purchased or rented.	Music CDs or CD-R/RWs in music CD format that can be purchased	Discs that contain DivX, JPEG, MP3 or WMA files.	

DVD – Discs such as movies that can be purchased or rented.
Audio CD – Music CDs or CD-R/RWs in music CD format that can be purchased.
Data disc (DivX, JPEG, MP3 or WMA) – Discs that contain DivX, JPEG, MP3 or WMA files.

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LG GUARANTEE

Life's Good

TECHNOLOGY WITH THE HUMAN TOUCH

LG Electronics U.K. Ltd. will provide the following services in order to expedite this Guarantee.

1. All faulty components which fail due to defective manufacture will be replaced free of charge for a period of 12 months from the original date of purchase.

2. The dealer (or his service agent) who sold the product will be reimbursed for any labour provided in the repair of this LG equipment, for a period of 12 months from the original date of purchase.

These claims must be made in accordance with the published scale of service charges and relevant claims procedure.

PLEASE NOTE

A. The dealer may restrict the guarantee to the original purchaser.

B. The dealer is not obliged to carry out service under guarantee if unauthorised modifications are made to the apparatus, or if non standard components are used or if the serial number of the apparatus is removed, defaced, misused, or altered.

C. Any claims made under guarantee must be directed to the dealer from whom the equipment was originally purchased. The dealer may, before carrying out service under guarantee, require a receipted account as evidence of the date of purchase.

D. We respectfully point out that your dealer is not obligated to replace batteries if they become exhausted or worn in use.

E. Aerial alignment and consumer control adjustments are not covered by this guarantee.

This guarantee does not affect your statutory rights.

REQUIREMENTS TO MAINTAIN WARRANTY COVERAGE:

RETAIN YOUR RECEIPT TO PROVE DATE OF PURCHASE. A COPY OF YOUR RECEIPT MUST BE SURRENDERED AT THE TIME GUARANTEE SERVICE IS PROVED.

Product Registration Card: Complete at least your name, address, phone, model & serial numbers and return it. This will enable LG to assist you in the future should you lose your receipt, your unit is stolen, or should modifications be necessary.

For help call Customer Service Centre 0870 873 5454
Monday – Friday 9.00am - 4.30pm LG House, 250 Bath Road, Slough, Berkshire, SL1 4DX

MODEL NO*	SERIAL NO*	DATE OF PURCHASE*

Please complete for your own record.

In case of difficulty – consult your LG dealer from whom the product was purchased

LGEUK Website: www.lge.co.uk

(service website : www.lgelectronics.co.uk)

IMPORTANT

COMPATIBILITY AND DIGITAL TV COVERAGE STATEMENT

Before purchasing this unit, please ensure that you can receive a digital TV transmission signal in your area.

Please be aware that not all high definition TVs are fully compatible with this unit. For TVs with 625 progressive scan problems, switch to a standard definition (576i, 576p).

Please contact our customer service centre if you have any questions regarding TV compatibility issues.

POWER: This unit operates on a mains supply of 200-240V~, 50/60Hz.

WARNING: This unit is supplied with a BSI 1363 approved 13 amp mains plug, fused at 5 amp. When replacing the fuse always use a 5 amp BS 1362, BSI or ASTA approved type. Never use this plug with the fuse cover omitted. To obtain a replacement fuse cover contact your dealer. If the type of plug supplied is not suitable for the mains sockets in your home, then the plug should be removed and a suitable type fitted. Please refer to the wiring instructions below:

WARNING: A mains plug removed from the mains lead of this unit must be destroyed. A mains plug with bared wires is hazardous if inserted in a mains socket. Do not connect either wire to the earth pin, marked with the letter E or with the earth symbol ⏚ or coloured green or green and yellow. If any other plug is fitted, use a 5 amp fuse, either in the plug, or at the distribution board.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following codes:

BLUE: NEUTRAL, BROWN: LIVE - As the colours of the wires in the mains lead of this unit may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

BOX CONTENTS:

DVD and HDD recorder (1), RF cable (1), Remote control (1), Battery (1).
Design and specifications are subject to change without notice.

CONTENTS

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INTRODUCING YOUR LG RECORDER

Main Unit

RF cable

1. ⏻/ | POWER
Switches the unit ON or OFF.

2. Disc Tray
Insert a disc here.

3. ⏏ OPEN/CLOSE
Opens or closes the disc tray.

4. Display Window
Shows the current status of the unit.
T/S: Indicates the timeshift mode.
REC: The unit is recording.
HDD: The unit is in HDD mode.
DVD: The unit is in DVD mode.
HDD ◄ ► DVD: The unit is dubbing.

🕒

Indicates when the unit is in timer recording or a timer recording is programmed.
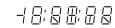
–18:88:88
Indicates clock, total playing time, elapsed time, title number, chapter/track number, channel, etc.

5. ► / ❚❚ PLAY / PAUSE
Starts playback. Pause playback or recording temporarily, Press again to exit pause mode.

6. ■ STOP
Stops playback or recording.

7. ● REC
Starts recording.
Press repeatedly to set the recording time.

8. RES. (Resolution)
Sets the output resolution for HDMI and COMPONENT OUTPUT ports.
HDMI: 576i, 576p, 720p, 1080i, 1080p
COMPONENT: 576i, 576p

9. DVD
Set the units mode to DVD.

10. HDD
Set the units mode to HDD.

11. USB Port
Connect a USB Flash memory.

12. DV IN
Connect the DV output of a digital camcorder to the unit

13. AV IN 3 (VIDEO IN/AUDIO IN Left/Right)
Connect the audio/video output of an external source (Audio system, TV/Monitor, VCR, Camcorder, etc.).

14. ▼ Down
15. ▲ Up

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INTRODUCING YOUR LG REMOTE CONTROL

REMOTE CONTROL BATTERY INSTALLATION

Remove the battery cover on the rear of the Remote Control, and insert one AAA size battery with + and - matched correctly.

1

POWER: Switches the unit ON or OFF.

DVD: Selects DVD mode

HDD: Selects HDD mode.

OPEN/CLOSE: Operates the DVD disc tray.

0-9 Numerical Buttons: Selects numbered options in a menu.

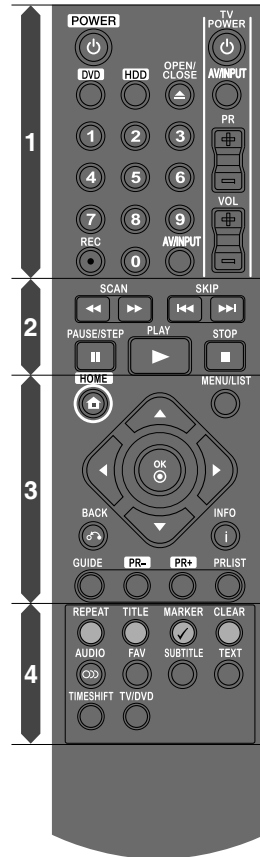**REC [●]:** Starts recording. Press repeatedly to set the recording time.

AV/INPUT: Changes the input source (Tuner, AV1-3, or DV IN).

TV Control Buttons: You can control the sound level, input source, and switch your TV on and off.

2

SCAN [◀◀/▶▶]: Search backwards or forwards.

SKIP [◀◀ / ▶▶]: Go to next or previous chapter/track/file.

PAUSE/STEP [❚❚]: Pause playback or recording temporarily.

PLAY [▶]: Starts playback.

STOP [■]: Stops playback or recording.

3

HOME [⌂] Activates the HOME menu.

MENU/LIST: Displays the menu on a DVD disc or switches between Title List-Original and Title List-Playlist menu.

◀/▶/▲/▼ (left/right/up/down): Used to navigate on-screen displays.

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OK [◉] : Confirms menu selection.

BACK [⤺]: Removes the on-screen displays.

INFO (i): Accesses on-screen Display.

GUIDE: Displays the EPG menu.

PR [+/-]: Scans up or down through memorised channels.

PR LIST: Displays the program list menu.

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Coloured Buttons: Used when an EPG screen is displayed or when digital text service is in use. The function of each coloured button will be described on-screen.

REPEAT: Repeat sequence, chapter, track, title, all.

TITLE: Displays the disc's title menu, if available.

MARKER: Selects multiple files/titles on the list.

CLEAR: Removes a track number on the program list.

AUDIO [◯ᗩ]: Selects an audio language or audio channel.

FAV: Displays the favourite program list.

SUBTITLE: Selects a subtitle language.

TEXT: Switches between digital text mode and normal TV viewing.

TIMESHIFT: Activates pause live TV/playback (timeshift) for a live TV program.

TV/DVD: Press to switch between 'TV mode', in which you can operate the picture and sound from the TV, and 'DVD mode', in which you can operate the picture and sound from the unit.

QUICK START

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CONNECTING YOUR LG RECORDER

1. CONNECT AERIAL TO HDD/DVD RECORDER
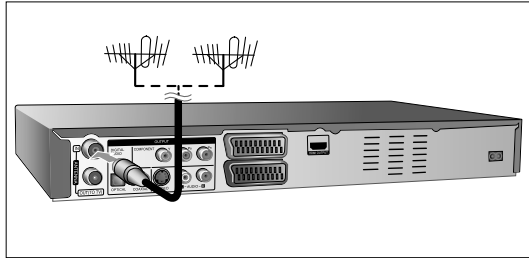
Connect terrestrial TV aerial to the 'ANTENNA IN' port on the unit. If you use an indoor aerial, select one with a signal amplifier rated at 5v, 100mA and set [Antenna Feed 5V] to [ON] in the set-up menu.

2. ANTENNA CONNECTION TO TV

Connect cable to 'ANTENNA OUT' port on the unit and to 'ANTENNA IN' port on TV so you can watch the TV without switching the unit on.

3. CONNECT HDD/DVD RECORDER TO TV

SCART CABLE
DO NOT connect or disconnect SCART cable whilst unit or TV is switched on.

SCART cable connections are quick & simple to connect.

Take the SCRAT cable and connect to AV1 SCART port on the unit. Then connect to an available SCART port on TV.

4. CONNECT MAINS POWER
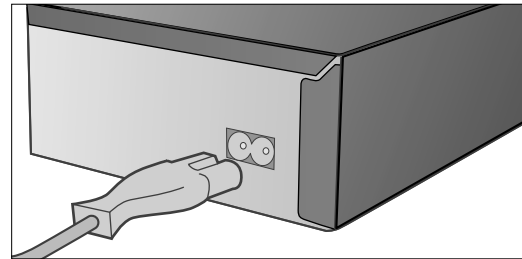
Connect the power cord to 'AC IN' terminal on the unit. Then plug the power cord into mains socket. Turn POWER ON to the unit and TV.

HD CONNECTION
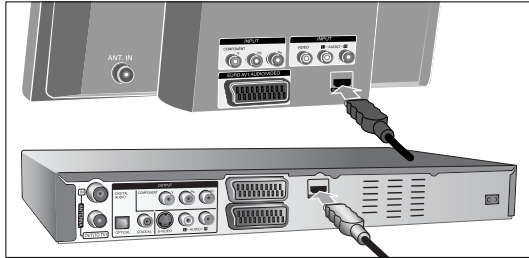
HDMI CABLE

HDMI connection is the digital replacement to the old SCART standard and provides the best picture and sound quality as well as being quick and simple to connect.

Connect to HDMI OUTPUT port on the unit and to HDMI INPUT port on your TV.

You can change the resolution (576i, 576p, 720p, 1080i or 1080p) for the HDMI output by pressing RES button on the front of the unit repeatedly.

HDMI cable sold separately.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.

OTHER OPTIONS
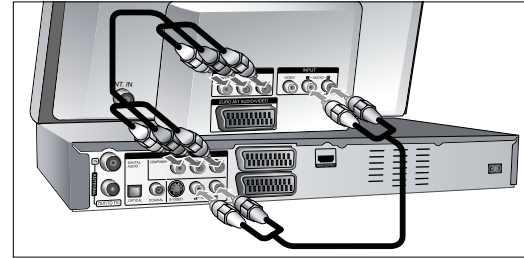
COMPONENT (Y PB PR) CABLE

A HD connection can also be obtained by using a Component cable. Connect to COMPONENT OUTPUT port on the unit and to COMPONENT INPUT port on your TV. Also connect audio cables (Red & White) to analogue AUDIO OUTPUT port on the unit and to AUDIO INPUT port on TV.

Component cable sold separately.
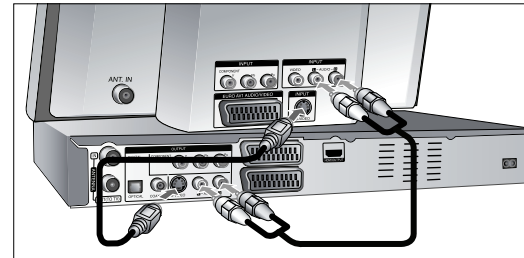
S-VIDEO CABLES

Connect to S-VIDEO OUTPUT port on the unit and to S-Video INPUT port on TV. Also connect audio cables (RED & WHITE) to the analogue AUDIO OUTPUT port on the unit and to AUDIO INPUT port on TV.

S-Video cable sold separately.

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CONNECTING YOUR LG RECORDER

5. AUTO SET-UP

When the 'POWER' is turned on for the first time or when resetting the unit the clock will be set and channels tuned automatically.
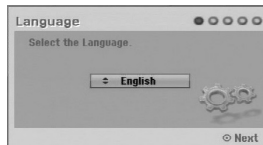
SELECT LANGUAGE
Use [▲/▼] to select a language for set-up menu and on-screen display. Press OK [◉].
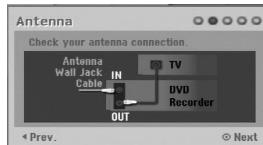
CHECK CONNECTIONS
Check Aerial connections are good Press OK [◉].

SET THE CLOCK
Use [▲/▼] to select the [Clock set] option. Press OK [◉].
[AUTO]: When channel auto search is completed the actual time and date are set automatically.
[MANUAL]: Enter the correct date and time. Press OK [◉] to confirm settings.
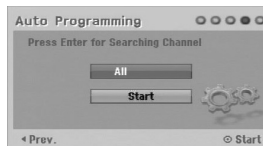
SELECT SIGNAL
Use [▲/▼] to select signal type then press the [▶] button to highlight the [Start] option. Press OK [◉] while [START] option is selected. The tuner will automatically search for all available channels in the area and save them. Press OK [◉] to finish auto set-up.

PLAYING A DVD DISC

a. Press the [⏏] button on the remote control to open disc tray. Insert disc.
b. Press the [⏏] button on the remote control to close the disc tray.
c. Most DVD discs will play automatically and you will notice [Read] in the display window.
d. To stop playback press the [■] button.
e. To restart play back press the [▶] Button.
f. To scan or skip chapters on the disc press the scan [◀◀/▶▶] or skip [◀◀ / ▶▶] buttons.

ACCESSING FREEVIEW & THE DIGITAL EPG (Electronic Program Guide)

The DIGITAL EPG provides access to scheduled FREEVIEW TV programs and also contains detailed information about individual programs. Please note that the units clock must be set to ensure the correct is displayed.

To access the EPG and view available scheduled Digital TV programs:
- Press [GUIDE] on remote control to display EPG Menu.
- Use [◀/▶/▲/▼] to select a TV program.
- Press [◀◀ / ▶▶] to display next/previous channel list.
- Press OK [◉] to select current program.
- Press [GUIDE] or BACK [↩] to close EPG display.
- Use coloured buttons on remote control as indicated.

To view the now & next available scheduled programs listing:
a) Press [GUIDE]. EPG Menu is displayed.
b) Press [Yellow] to display Now/Next menu.
c) Select program to view / for program information.
- To watch a selected current transmission:
  - Press OK [◉].

- To display information for selected transmission:
  - Press [blue].

To view scheduled programs for the next 8-days:
  a) Press [GUIDE]. EPG Menu is displayed.
  b) Press [Green].
  c) Press [◄/►] to select date.
  d) Press OK [◉] to view schedule for that date.

To view detailed information for program being viewed:
  a) Press [GUIDE]. EPG Menu is displayed.
  b) Press [Blue]
To close information window:
  - Press [Blue] again

RECORDING

Instant recording
The Instant record feature records your current program using your existing settings direct to the hard disk (HDD).

To start instant recording:
  - Press REC [●] button on remote control. Recording starts, onto HDD.
If stop time required:
  - Press REC [●] repeatedly to increase length of recording (10, 20, 30 minutes etc).
To stop recording:
  - Press STOP [■].

Recording from the EPG
Never miss your favorite FREEVIEW TV program, Simply record to Hard Disk using following easy steps.

To set timer from EPG:
  a) Press [GUIDE]. EPG Menu is displayed.
  b) Press [Yellow] to change EPG to 8 Days menu.
  c) Press [◄/►/▲/▼] to select program and date.
  d) Press [Red]. Recording options are displayed.
  e) Select option.
  f) Press OK [◉] to confirm. Timer icon is displayed.

To set the timer to record the entire series of a selected program:
  a) Press [GUIDE]. EPG Menu is displayed.
  b) Press [Green].
  c) Press [◄/►] to select date.
  d) Press OK [◉] to view schedule for that date.
  e) Select scheduled program using [◄/►/▲/▼].
  f) Press the Red button.
  g) Select Recording series option.
  h) Press OK [◉]

To cancel recording:
  a) Select program.
  b) Press [Red].
  c) Re-select option.
  d) Press OK [◉] button. Timer icon will be removed.

QUICK START

CONNECTING YOUR LG RECORDER

TERMS AND TIPS

Unit	The LG HDD/DVD Recorder
Press	Press a [named] button on Unit's remote control
Select	Press [◄/►/▲/▼] buttons freely on remote control to highlight an option
Set	Follow instructions for currently displayed menu to choose an option
Enter	Press buttons on remote control to provide a code, name or password
Panel	Part of the display screen. Many screens have left, middle and right panels

Accessing menus

Press HOME [🏠] on remote control to display first menu

Press BACK [🔙] from any menu to exit menu displays

DISPLAYING SET UP MENU

Displaying Set Up Menu

   a)   Press HOME [🏠]. First menu is displayed.

   b)   Press [◄/►] until Easy Menu is displayed

   c)   Select SETUP

   d)   Press OK [⊙] to display set up menu

HDMI CONNECTION

HDMI cables provide optimal connection that produces better picture & sound quality than a SCART connection and gives you access to the HD upscaling features of this unit. You can alter the resolution for the HDMI output by pressing the RES button on the front of the unit repeatedly (576i, 576p, 720p, 1080i, 1080p).

To connect a High Definition television or other HDMI enabled device:

   a)   Check device is compatible with 720(1440)x576i, 720x576p, 1280x720p, 1920x1080i or 1920x1080p video input.

   If TV can't handle 96 kHz sampling frequency:

      i   Display set up menu (see Displaying Set Up Menu).

      ii   Select audio options icon in left panel.

      iii   Select Sampling Freq. from middle panel.

      iv   Select 48 kHz from right panel.

      v   Press [OK] to confirm.

   If TV isn't equipped with Dolby Digital and MPEG decoder:

   •   Set Dolby Digital and MPEG options to PCM.

   If TV isn't equipped with DTS decoder:

   •   Set DTS to OFF.

   b)   Use an HDMI cable (not supplied) to connect HDMI Output port on Unit to HDMI Input port on TV.

   c)   Set resolution using RES. button on front panel of Unit.

   d)   Check device is switched off.

   e)   Switch off Unit.

   f)   Switch on device.

   g)   Wait 30 seconds.

   h)   Switch on Unit.

COAXIAL ANTENNA FEED 5V

To supply power to connected antenna:

   a)   If antenna is indoor:

   •   Ensure signal amplifier rate is DC 5V, 100mA

   b)   Display set up menu (see Displaying Set Up Menu)

   c)   Auto Programming is highlighted. Select Antenna Feed 5V from middle panel

   d)   Select option in right panel:

   •   If antenna is indoor:

   •   Select ON

   •   If antenna is outdoor:

   •   Select ON or OFF

   e)   Press OK [⊙] to confirm

CONNECTING A PAY-TV / CANAL PLUS DECODER

DISPLAYING SET UP MENU

a) Press HOME [⌂]. First menu is displayed.
b) Press [◄/►] until Easy Menu is displayed
c) Select SETUP
d) Press OK [◉] to display set up menu

To watch or record analogue PAY-TV/Canal Plus programmes:
a) Disconnect Unit's mains lead
b) Use a SCART lead to connect AV2 Decoder port on Unit to corresponding port on Decoder
c) Reconnect Unit's mains lead
d) Display set up menu (see Displaying Set Up Menu)
e) Select AV2 Connection from middle panel
f) Select Decoder from right panel
g) Press OK [◉] to confirm
h) Select Canal from middle panel
i) Select ON from right panel
j) Press OK [◉] to confirm

Unit does not need to be switched on to view signal.

To decode encoded signal for recording or watching PAY-TV/Canal Plus programs (see General Information section):
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Select Program Edit from middle panel
c) Select Edit from right panel
d) Press OK [◉]. Channel editing screen is displayed.
e) Press [AV/INPUT] once. Decoder On/Off option is displayed in left panel.
f) Press OK [◉] to select ON. Canal+ is displayed when ON is selected.
g) Pressing OK [◉] a second time turns option OFF.
h) Press BACK [↩] to exit

AV2 Connection
To connect a decoder or other device to AV2 Decoder port on rear panel of Unit:
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Select AV2 Connection from middle panel
c) Select option in right panel:
   Decoder to connect a PAY-TV decoder to AV2 Decoder port on Unit
   Others to connect a VCR or similar recording device to AV2 Decoder port on Unit
d) Press OK [◉] to confirm

Connecting a B Sky B Tuner / VCR / similar recording device
To connect a B SKY B Tuner / VCR or another similar recording device follow these steps:
a) Disconnect Unit's mains lead
b) Use a SCART lead to connect AV2 Decoder port on Unit to VCR SCART port on device
d) Reconnect Unit's mains lead
e) Display set up menu (see Displaying Set Up Menu)
f) Select AV2 Connection from middle panel
g) Select Decoder from right panel
h) Press OK [◉] to confirm
i) Select recording options from left panel
j) Set AV2 Recording to Auto, CVBS, RGB or SVideo
k) If device is VCR:
   • Connect VCR to a second Line Input on TV for clear image

CONNECTING TO THE AV IN 3 PORTS
Use audio/video cables to connect input ports (AV IN 3) on Unit to audio/video output ports on other device.

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CONNECTING A DIGITAL CAMCORDER

To connect a digital DV camcorder:

- Use a DV cable to connect the DV IN/OUT port of DV camcorder to DV IN port on front panel of Unit.

To record from a DV-equipped camcorder to HDD:

a) Press [AV/INPUT] button, under [9] button on remote control, repeatedly to select DV input
b) Find start position on camcorder recording
c) Press REC on Unit's front panel to start recording
d) Use Unit's remote control buttons for STOP, PLAY and PAUSE functions

DV recording audio

For digital camcorder with two audio tracks and 32kHz/12-bit sound connected to DV IN port on front panel of Unit.

To select soundtrack for recording:

a) Display set up menu (see Displaying Set Up Menu)
b) Select recording icon from left panel
c) Select DV Record Audio from middle panel
d) Select option from right panel:

Audio 1: use sound recorded while shooting

Audio 2: use overdubbed sound

e) Press OK [⊙]

DIGITAL AUDIO CONNECTION

You can improve your viewing pleasure by connecting a Home Cinema Dolby Digital / MPEG or DTS decoder via a Digital Audio Connection (coaxial or optical).

To connect an amplifier/receiver, Dolby Digital/MPEG/DTS decoder or other digital equipment:

- Use a digital audio cable (coaxial or optical) to connect Digital Audio Output port on Unit to corresponding port on amplifier

For DTS Multi-channel Surround:

- Connect Unit to a DTS compatible receiver via Unit's Digital Audio Output.

To choose digital audio signal when using a Digital Audio Output port:

a) Press HOME [⌂]. First menu is displayed.
b) Press [◄/►] until Easy Menu is displayed
c) Select SETUP
d) Press OK [⊙] to display set up menu
e) Select audio options icon in left panel
f) Select Audio Signal Type (Dolby, DTS, MPEG) from middle panel
g) Select option in right panel:

Bitstream when connecting Unit to an audio component with built-in decoder

PCM when connecting Unit to an audio component without built-in decoder

Off when connecting Unit to an audio component without built-in DTS decoder

h) Press OK [⊙] to confirm

Sample Freq. (Frequency)

To choose sampling frequency of audio signal:

a) Display set up menu
b) Select audio options icon in left panel
c) Select Sampling Freq. from middle panel
d) Select option in right panel:

48 kHz for receiver/amplifier which cannot handle 96 KHz signal from DVD. Output will be converted to 48 kHz

96 kHz for original audio signal format.

e) Press OK [⊙] to confirm

DRC (Dynamic Range Control)

To improve sound quality when Dolby Digital volume is turned down:

a) Display set up menu
b) Select audio options icon in left panel
c) Select DRC from middle panel

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d) Select option in right panel:
   ON for clear sound
e) Press OK [◉] to confirm

SIMPLINK

When two LG devices are connected via a HDMI cable the SIMPLINK system can control some of the functions such as 'play', 'pause', 'scan' and 'power on'. For more information please refer to your LG TV manual.

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ADJUST SETTINGS

DISPLAYING SET UP MENU

a) **Press HOME [⌂]. First menu is displayed.**
b) **Press [◄/►] until Easy Menu is displayed**
c) **Select SETUP**
d) **Press OK [◉] to display set up menu**

AUTO PROGRAMMING

To scan and set available channels automatically:
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Press OK [◉] to confirm
c) Enter Password if needed. (See Password Setting.)
d) Select broadcast type: All, Digital or Analogue, then press right [►]
e) Select Start
f) Press OK [◉]. Channel scanning starts.

ADJUST PROGRAMMED CHANNELS

To scan and set available channels automatically:
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Select Program Edit from middle panel
c) Select Edit from right panel
d) Press OK [◉]. Channel editing screen is displayed.
e) Select channel to edit
f) Press OK [◉]. Option menu is displayed in left panel
g) Select option required:
   • Favorite: Set highlighted channel as favorite
   • For Analogue channels only:
   • Delete: Delete channel from programmed channel list
   • Move: Change order of channels and corresponding button on remote control
   • Station Rename: change name of channel
   • Program Edit: Change settings of channel manually:
   • PR: Indicate channel position

   • Seek: Search for a channel automatically. Searching stops when Unit tunes into a channel.
   • Ch.: Change channel number
   • MFT: Fine tune channel for clearer picture
   • CANAL: Set channel for decoder, to watch or record PAY-TV/Canal plus programs
   • NICAM: Set channel for NICAM broadcast
h) Press OK [◉] to confirm settings

PROGRESSIVE SCAN

For high definition and compatible televisions only:
   • Set RES. button on front panel of Unit to 576p

SWITCHING PROGRAM LIST ON CHANNEL EDITING SCREEN

To switch to another program list (Digital, Analogue or Radio):
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Select Program Edit from middle panel
c) Select Edit from right panel
d) Press OK [◉]. Channel editing screen is displayed.
e) Use [▲] to highlight title at top of program list.
f) Use [◄/►] to select DIGITAL TV, ANALOG TV or RADIO. List is displayed.

SETTING A FAVORITE CHANNEL

To set a channel as a favorite:
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Select Program Edit from middle panel
c) Select Edit from right panel
d) Press OK [◉]. Channel editing screen is displayed.
e) Select channel to mark as favorite
f) Press OK [◉] to highlight Favorite on left panel

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g) Press OK [⊙]. Program is set as favorite and FAV is displayed.
While watching TV, press [FAV] and select a favorite channel to view.

ADDING A CHANNEL

To add a channel manually to a program list:
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Select Program Edit from middle panel
c) Select Add Channel from right panel and press OK [⊙]
d) Use [◄/►] to select Digital or Analogue
e) Press [►] and select program number
f) Press OK [⊙] to confirm

GENERAL SETTINGS

DISPLAYING SET UP MENU

a) Press HOME [⌂]. First menu is displayed.
b) Press [◄/►] until Easy Menu is displayed
c) Select SETUP
d) Press OK [⊙] to display set up menu

SETTING UP REMOTE TO CONTROL YOUR TV

To operate your TV with Unit remote control:
If your TV is listed in table below:
a) Press and hold TV POWER [⏻]
c) Enter TV manufacturer code as follows:

Manufacturer	Code number
LG / GoldStar	[1] (Default) [2]
Zenith	[1 3 4]
Samsung	[6 7]
Sony	[8 9]
Hitachi	[4]

d) Release TV POWER [⏻] button
e) Switch TV back on if necessary
After replacing batteries in remote control repeat steps (a) to (c).

TV ASPECT

To select aspects ratio of connected TV:
a) Display set up menu (see Displaying Set Up Menu)
b) Auto Programming is highlighted. Select TV Aspect from middle panel
c) Select option in right panel:
  • 4:3 Letter Box for a standard 4:3 screen TV with wide picture and bands on upper and lower areas of screen.
  • 4:3 Pan Scan for a standard 4:3 screen TV with wide picture on entire screen, cutting off parts that do not fit.

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- 16:9 Wide for a wide-screen TV.
  d) Press OK [◉] to confirm

VIDEO OUTPUT FORMAT

To change TV connection setting:
- a) Display set up menu (see Displaying Set Up Menu)
- b) Auto Programming is highlighted. Select Video output format from middle panel
- c) Select from options in right panel:
  - Y Pb Pr if TV is connected to Component Output port on Unit
  - RGB if TV is connected to SCART port on Unit
- d) Press OK [◉] to confirm

POWER SAVE MODE

To select Power Save mode when power is turned off:
- a) Display set up menu (see Displaying Set Up Menu)
- a) Auto Programming is highlighted. Select Power Save Mode from middle panel
- a) Select ON or OFF option in right panel:
- a) Press OK [◉] to confirm

Option not available when timer recording set.

Power Save mode will not work while receiving encoded signals.

INITIALIZATION

To reset Unit to original factory settings (except for Rating, Password and Area Code), and to format HDD:
- a) Display set up menu (see Displaying Set Up Menu)
- b) Auto Programming is highlighted. Select Initialization from middle panel
- c) Select option in right panel:
  - Factory Set. Auto Setup menu is displayed.
  - HDD format. HDD contents are erased.
- d) Press OK [◉] to confirm

KARAOKE SETTINGS

To mix multi-channel karaoke DVD channels into normal stereo:
- a) Display set up menu (see Displaying Set Up Menu)
- b) Select audio options icon in left panel
- c) Select Vocal from middle panel
- d) Select option in right panel:
  - ON for mixed sound in stereo
- e) Press OK [◉] to confirm

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LANGUAGE SETTINGS

DISPLAYING SET UP MENU

a) **Press HOME [⌂]. First menu is displayed.**
b) **Press [◄/►] until Easy Menu is displayed**
c) **Select SETUP**
d) **Press OK [◉] to display set up menu**

DISPLAY MENU LANGUAGE

To select a language for set up menu and on-screen display:
a) Display set up menu (see Displaying Set Up Menu)
b) Select language icon in left panel (second one down)
c) Select Display Menu from middle panel
d) Select language from list in right panel
e) Press OK [◉] to confirm

DISC MENU/AUDIO/SUBTITLE

To select a language for Disc Menu / Audio / Subtitle displays:
a) Display set up menu (see Displaying Set Up Menu)
b) Select language icon in left panel (second one down)
c) Select Disc Menu, Disc Audio or Disc Subtitle from middle panel
d) Select option in right panel:
   • Original for language of disc recording
   • Others for a different language, then:
      i. Refer to language code list below
      ii Enter chosen code.
   • Press [CLEAR] to delete invalid entries
   • OFF to turn off disc subtitles
e) Press OK [◉] to confirm

DTV AUDIO

To set default audio language for viewing digital TV, if provided by broadcaster:
a) Display set up menu (see Displaying Set Up Menu)
b) Select language icon in left panel (second one down)
c) Select DTV Audio from middle panel

d) Refer to language code list below
e) Enter chosen code
   • Press [CLEAR] to delete invalid entries
f) Press OK [◉] to confirm

DTV SUBTITLE

To set a default subtitle language for viewing digital TV, if provided by broadcaster:
a) Display set up menu (see Displaying Set Up Menu)
b) Select language icon in left panel (second one down)
c) Select DTV Subtitle from middle panel
d) Refer to language code list below
e) Enter chosen code
   • Press [CLEAR] to delete invalid entries
f) Press OK [◉] to confirm

DIVX SUBTITLE

To select a language code for DivX® subtitle.
a) Display set up menu (see Displaying Set Up Menu)
b) Select language icon in left panel (second one down)
c) Select DivX Subtitle from middle panel
d) Refer to language code list below
e) Enter chosen code
   • Press [CLEAR] to delete invalid entries
f) Press OK [◉] to confirm

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LANGUAGE CODES

Afar 6565	Hausa 7265	Quechua 8185
Afrikaans 6570	Hebrew 7387	Rhaeto-Romance 8277
Albanian 8381	Hindi 7273	Rumanian 8279
Ameharic 6577	Hungarian 7285	Russian 8285
Arabic 6582	Icelandic 7383	Samoan 8377
Armenian 7289	Indonesian 7378	Sanskrit 8365
Assamese 6583	Interlingua 7365	Scots Gaelic 7168
Aymara 6588	Irish 7165	Serbian 8382
Azerbaijani 6590	Italian 7384	Serbo-Croatian 8372
Bashkir 6665	Javanese 7487	Shona 8378
Basque 6985	Kannada 7578	Sindhi 8368
Bengali; Bangla 6678	Kashmiri 7583	Singhalese 8373
Bhutani 6890	Kazakh 7575	Slovak 8375
Bihari 6672	Kirghiz 7589	Slovenian 8376
Breton 6682	Korean 7579	Spanish 6983
Bulgarian 6671	Kurdish 7585	Sudanese 8385
Burmese 7789	Laothian 7679	Swahili 8387
Byelorussian 6669	Latin 7665	Swedish 8386
Chinese 9072	Latvian, Lettish 7686	Tagalog 8476
Croatian 7282	Lingala 7678	Tajik 8471
Czech 6783	Lithuanian 7684	Tamil 8465
Danish 6865	Macedonian 7775	Telugu 8469
Dutch 7876	Malagasy 7771	Thai 8472
English 6978	Malay 7783	Tonga 8479
Esperanto 6979	Malayalam 7776	Turkish 8482
Estonian 6984	Maori 7773	Turkmen 8475
Faroese 7079	Marathi 7782	Twi 8487
Fiji 7074	Moldavian 7779	Ukrainian 8575
Finnish 7073	Mongolian 7778	Urdu 8582
French 7082	Nauru 7865	Uzbek 8590
Frisian 7089	Nepali 7869	Vietnamese 8673
Galician 7176	Norwegian 7879	Volapük 8679
Georgian 7565	Oriya 7982	Welsh 6789
German 6869	Panjabi 8065	Wolof 8779
Greek 6976	Pashto, Pushto 8083	Xhosa 8872
Greenlandic 7576	Persian 7065	Yiddish 7473
Guarani 7178	Polish 8076	Yoruba 8979
Gujarati 7185	Portuguese 8084	Zulu 9085

PARENTAL LOCK SETTINGS

DISPLAYING SET UP MENU
a) Press HOME [🏠]. First menu is displayed.
b) Press [◄/►] until Easy Menu is displayed
c) Select SETUP
d) OK [◉] to display set up menu

PASSWORD SETTING

To set up a new password:
a) Display set up menu (see Displaying Set Up Menu)
b) Select lock system icon in left panel
c) Select Set Password from middle panel
d) Press [Right] to move to right panel
   i Enter 4-digit password.
     • Press [CLEAR] to delete invalid entry
   ii Press OK [◉] to confirm
     • Display set up menu (see Displaying Set Up Menu)
     • Select lock system icon in left panel
     • Select Lock System from middle panel

LOCK SYSTEM

To control access to DTV and DVD viewing:
a) Display set up menu (see Displaying Set Up Menu)
b) Select lock system icon in left panel
c) Select Lock System from middle panel
d) Press [►] to move to right panel
e) Enter password
   • Press [CLEAR] to delete invalid entry
f) Select:
   • [ON] to control viewing
   • [OFF] to disable control
g) Press OK [◉] to confirm

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FORGOTTEN PASSWORD

To reset forgotten password:
a) Display set up menu (see Displaying Set Up Menu)
b) Select lock system icon in left panel
c) Select Lock System from middle panel
d) Enter [210499]
e) Select displayed YES option
f) Press OK [⊙]. Password has now been cleared.
g) Set up a new password (see Password Setting)

CHANGING/DELETING PASSWORD

To change or delete password:
a) Display set up menu (see Displaying Set Up Menu)
b) Select lock system icon in left panel
c) Select Set Password from middle panel
   • Select Change from right panel to change password:
     i   Enter current password
     ii Enter new password
     iii Repeat new password
   • Press [CLEAR] to delete invalid entry
     iv Press OK [⊙] to confirm
   • Select Delete from right panel to delete password
     i   Enter current password
   • Press [CLEAR] to delete invalid entry
     ii Press OK [⊙] to confirm

DVD RATING

To control DVD viewing by age-related ratings:
a) Display set up menu (see Displaying Set Up Menu)
b) Select lock system icon in left panel
c) Select DVD Rating from middle panel
d) Press [▶] to move to right panel
e) Enter password.

   • Press [CLEAR] to delete invalid entries
f) Press OK [⊙] to confirm
g) Select a DVD rating or No Limit to disable DVD Rating.
h) Press OK [⊙] to confirm

DTV RATING

To restrict viewing of Digital TV transmissions by age group:
a) Display set up menu (see Displaying Set Up Menu)
b) Select lock system icon in left panel
c) Select DTV Rating from middle panel
d) Press [▶] to move to right panel
e) Enter password.
   • Press [CLEAR] to delete invalid entries
f) Press OK [⊙] to confirm
g) Select an option:
   • Program rating level
   • Lock All: to block all programs.
   • No Control: to view all programs
h) Press OK [⊙]to confirm

DIVX REG. CODE

To view the DivX® registration code for Unit:
a) Display set up menu (see Displaying Set Up Menu)
b) Select lock system icon in left panel
c) Select DivX Reg. Code from middle panel
d) Select View in right panel. View icon is highlighted.
e) Press OK [⊙] to view registration code. YES is highlighted.
f) Press OK [⊙] to close the screen

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AREA CODE

The area code determines which country's standards are used to rate DVDs for control by parents.

Afghanistan AF	Greenland GL	Panama PA
Argentina AR	Hong Kong HK	Paraguay PY
Australia AU	Hungary HU	Philippines PH
Austria AT	India IN	Poland PL
Belgium BE	Indonesia ID	Portugal PT
Bhutan BT	Israel IL	Romania RO
Bolivia BO	Italy IT	Russian Federation RU
Brazil BR	Jamaica JM	Saudi Arabia SA
Cambodia KH	Japan JP	Senegal SN
Canada CA	Kenya KE	Singapore SG
Chile CL	Kuwait KW	Slovak Republic SK
China CN	Libya LY	Slovenia SI
Colombia CO	Luxembourg LU	South Africa ZA
Congo CG	Malaysia MY	South Korea KR
Costa Rica CR	Area Code	Spain ES
Croatia HR	Maldives MV	Sri Lanka LK
Czech Republic CZ	Mexico MX	Sweden SE
Denmark DK	Monaco MC	Switzerland CH
Ecuador EC	Mongolia MN	Taiwan TW
Egypt EG	Morocco MA	Thailand TH
El Salvador SV	Nepal NP	Turkey TR
Ethiopia ET	Netherlands NL	Uganda UG
Fiji FJ	Netherlands Antilles AN	Ukraine UA
Finland FI	New Zealand NZ	United States US
France FR	Nigeria NG	Uruguay UY
Germany DE	Norway NO	Uzbekistan UZ
Great Britain GB	Oman OM	Vietnam VN
Greece GR	Pakistan PK	Zimbabwe ZW

To set area code:
   a) Display set up menu (see Displaying Set Up Menu)
   b) Select lock system icon in left panel
   c) Select Area Code from middle panel
   d) Press [▶] to move to right panel
   e) Enter password.
       • Press [CLEAR] to delete invalid entries
   f) Press OK [⊙] to confirm
   g) Refer to area code list below to choose a code
   h) Enter area code
   i) Press OK [⊙] to confirm

RECORDING SETTINGS

DISPLAY SET UP MENU

   a) Press HOME [⌂]. First menu is displayed.
   b) Press [◀/▶] until Easy Menu is displayed
   c) Select SETUP
   d) Press OK [⊙] to display set up menu

RECORDING MODE

Recording using different quality options allows you to choose between picture quality and available space depending on your unit model.

To work out your unit's storage capacity in hours will depend on the size of your hard drive and the picture quality option selected when setting recording mode.

Table showing the storage capacity in hours.

	Picture quality option				
	(Lowest quality)				(Highest quality)
Size of hard drive (Giga Bytes)	MLP	EP	LP	SP	XP
500GB HDD	1695hrs	715hrs	506hrs	259hrs	133hrs

To set recording mode:
   a) Display set up menu (see Displaying Set Up Menu, above) .
   b) Select recording icon from left panel.
   c) Select Recording Mode from middle panel.
   d) Select picture quality option from right panel:
       MLP: lowest picture quality.
       EP: Low quality.

LP: Slightly lower than SP mode.
SP: Standard quality.
XP: Highest picture quality.
e) Press OK [⊙]

RECORDING ASPECT

To set aspect ratio for recording to DVD:
a) Display set up menu (see Displaying Set Up Menu)
b) Select recording icon from left panel
c) Select Record Aspect from middle panel
d) Select option from right panel:
   i 4:3
   ii 16:9
e) Press OK [⊙]

TV RECORDING AUDIO

To select audio channel when recording a bilingual program:
a) Display set up menu (see Displaying Set Up Menu)
b) Select recording icon from left panel
c) Select TV Record Audio from middle panel
d) Select option from right panel:
   • Main+Sub: Main and sub language
   • Main: Main language only
   • Sub: Sub language only
e) Press OK [⊙]

AUTO CHAPTER MARKING

To specify marker insertion interval:
a) Display set up menu (see Displaying Set Up Menu)
b) Select recording icon from left panel
c) Select Auto Chapter Mark from middle panel
d) Select interval from right panel:
   • 5 mins
   • 10 mins
   • 15 mins
e) Press OK [⊙]

AV2 RECORDING

Setting must be compatible with video input signal for clear picture.
To select a method of inputting video signals for AV2 Decoder port:
a) Display set up menu (see Displaying Set Up Menu)
b) Select recording icon from left panel
c) Select AV2 Record from middle panel
d) Select option from right panel:
   • Auto: video input signal automatically matches signal received.
   • CVBS: Inputs CVBS (composite) video signals.
   • RGB: Inputs RGB signals.
   • S-VIDEO: Inputs S-Video signals.
e) Press OK [⊙]

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DISC SETTINGS

FORMATTING

To format a DVD:

- Load disc in drive. If disc is blank, disc will be initialized automatically.

To re-format a used disc:

i   Display set up menu (see Displaying Set Up Menu)
ii Auto Programming is highlighted. Select Disc Format option from the left panel
iii Select Disc Format from middle panel
iv Select mode: VR and Video for DVD-RW discs from right panel
v   Press OK [◉] to confirm. Formatting starts.

Everything recorded on the DVD will be erased after formatting.

FINALISING

Newly recorded discs must be finalised to work on other DVD players.

RAM   Finalisation not required
+RW   Discs are automatically finalised when removed from Unit
-RW   Finalised discs can be unfinalised for re-recording or editing
+R - R Finalised discs cannot be edited or re-recorded

To finalise a disc:

a) Load disc in drive.
b) Display set up menu (see Displaying Set Up Menu)
c) Auto Programming is highlighted. Select Disc Format option from left panel
d) Select Finalise from middle panel
e) Press OK [◉] to confirm. Finalisation starts.

Time taken depends on disc condition, recording length and number of titles

To unfinalise a disc:

a) Load disc in drive
b) Display set up menu (see Displaying Set Up Menu)
c) Auto Programming is highlighted. Select Disc Format option from left panel
d) Select Unfinalise from middle panel
e) Press OK [◉] to confirm

LABELLING

To change disc name:

a) Load disc in drive). Disc information is displayed.
b) Display set up menu (see Displaying Set Up Menu)
c) Auto Programming is highlighted. Select Edit from middle panel
d) Press OK [◉] to confirm. Keyboard menu is displayed.
e) Use [◄/►/▲/▼] to navigate keyboard and press OK [◉] on remote control to confirm each key selection
f) Select OK on keyboard menu to confirm new name

PROTECTING

To protect a disc (except DVD-R Video mode and DVD-RW) against accidental recording, editing or erasure:

a) Load disc in drive). Disc information is displayed.
b) Display set up menu (see Displaying Set Up Menu)
c) Auto Programming is highlighted. Select Disc Format option from left panel
d) Select Protect from middle panel
e) Select ON from right panel
f) Press OK [◉]

SOFTWARE UPDATE & SYSTEM INFORMATION

DISPLAY SET UP MENU

a) Press HOME [⌂]. First menu is displayed.
b) Press [◄/►] until Easy Menu is displayed
c) Select SETUP
d) Press OK [◉] to display set up menu

RECEIVING SOFTWARE UPDATE

- Ensure Unit is plugged into AC power to receive updates.

Updates are not available during recording, Timeshift and when viewing digital text or EPG menu.

To set software update options:

a) Display set up menu (see Displaying Set Up Menu)
b) Select network icon at bottom of left panel
c) Select Software Updates from middle panel
d) Select option in right panel:
  - Standby mode: Update software when Unit is turned off
  - Operation Mode: Update software when Unit is turned on:
    i   Time: Set time to update software
    ii Freq: Select update interval
    iii Start: Update software immediately
e) Enter information if required and press OK [◉]

SYSTEM INFORMATION

To display system information:

a) Display set up menu (see Displaying Set Up Menu)
b) Select network icon at bottom of left panel
c) Select System Information from middle panel. System information is displayed in right panel.

DTV DIAGNOSTICS

To view diagnostic information:

a) Display set up menu (see Displaying Set Up Menu)
b) Select network icon at bottom of left panel
c) Select DTV Diagnostics from middle panel.
d) Select START in right panel
e) Press OK [◉]. Diagnostic information is displayed.
f) To display information about a multiplex:
  - Select multiplex
  - Press OK [◉]

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VIEWING TV

MODE SETTING

To view live TV in HDD mode:
* **Press [HDD]**

To view live TV in DVD mode:
* **Press [DVD]**

CHANGING TV CHANNEL

To change channel:
* Press [PR+] or [PR-]
  OR
* Use numbered [0-9] buttons to jump to a channel

CHOOSING TV CHANNEL FROM LIST

To display TV channel list:
a) Press [PR LIST]. TV channel list is displayed.
b) Select channel
c) Press OK [◉] to confirm

DISPLAYING INFORMATION WHILE WATCHING TV

To display information while using Unit to watch TV:
* Press [INFO]
* Information is displayed briefly, as follows:
* Channel number, station name, audio signal (Stereo, Bilingual, Mono) for analog channels
* Media name and format
* Mode, free space, and elapsed time
* Current date and time
* Program title, start time and end time
* Extended Text Message icon: an Extended Text Message is available to program description
* DTV Subtitle icon: current program contains subtitles
  Wide icon: current program is in wide picture format
  Digital Text Service Icon: digital text service available

SWITCHING PROGRAM LIST

To switch channel list to Digital TV, Analog TV or Radio:
a) Press [PR LIST]. TV channel list is displayed.
b) Press [▲] to move to title of list
c) Press [◄/►] to select Digital TV, Analog TV or Radio. Chosen list is displayed.

DISPLAYING FAVORITE PROGRAM LIST

To display favorite channel list:
a) Press [FAV]. Favorite options are displayed.
b) Select channel
c) Press OK [◉] to view

ACCESSING A DIGITAL TEXT SERVICE

a) Press [TEXT] to display text menu for current channel
b) Select choice
c) Press OK [◉] to confirm
d) Use [Red, Green, Yellow and Blue] as instructed on display
e) Press [TEXT] or BACK [↩] to return to normal viewing

CHANGING TV AUDIO CHANNEL

To change TV audio channel for stereo and bilingual broadcast:
* Press AUDIO [◖◗] on remote control repeatedly. Current audio channel is displayed.

RECORDING

MODE SETTING

To view live TV in HDD mode:
- **Press [HDD]**

To view live TV in DVD mode:
- **Press [DVD]**

DISPLAYING TIMER RECORD LIST

a) Press HOME [🏠]. First menu is displayed.
b) Press [◄/►] until TV menu is displayed
c) Select Timer Record. Timer recording list is displayed.

RECORDING A BILINGUAL BROADCAST

To select audio channel when recording a bilingual program:
a) Press HOME [🏠]. First menu is displayed.
b) Press [◄/►] until Easy Menu is displayed
c) Select SETUP
d) Press OK [◉] to display set up menu
e) Select recording icon from left panel
f) Select TV Record Audio from middle panel
g) Select option from right panel:
   - Main+Sub: Main and sub language
   - Main: Main language only
   - Sub: Sub language only
h) Press OK [◉]

TIMER RECORDING

To set the start and end time of a recording:
a) Ensure clock is set to correct time. See Quick Start guide.
b) Display timer record list. See Displaying timer record list, above
c) Select New
d) Press OK [◉] to display timer record details screen
   - Press [◄/►] to move between columns

e) Enter following information:
   - Media: Choose HDD or DVD CH/PR: Choose a program number or other source to record.
   - Date: Choose a date up to 1 month ahead.
   - Start Time: Set start time.
   - End Time: Set end time.
   - Repeat Choose a desired repeat: Once, Daily (Mon-Fri), or Weekly

Press REC [●] on remote control repeatedly to change recording mode (XP, SP, LP, EP or MLP)
Press OK [◉] to set recording

CANCELLING A TIMER RECORDING

To cancel a timer recording before timer starts:
a) Display timer record list. See Displaying timer record list, above.
b) Select recording to cancel
c) Press CLEAR

TIME SLIP

While recording a program to HDD as a title, the recording in progress can be viewed simultaneously from the beginning.
To watch recording:
a) Wait for 15 seconds after recording starts
b) Press PLAY [►] on remote control
To stop playback:
- Press STOP [■]. Playback stops but recording continues.
To stop recording:
- Press STOP [■]. Recording stops.

TIMESHIFT

To record live TV transmission temporarily to HDD, if TV viewing is interrupted:
a) Ensure Unit is in HDD mode. See Mode Setting above.
b) Press [TIMESHIFT]
c) Press PAUSE/STEP [❚❚]. Timeshift recording starts.

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To display recording progress bar during timeshift recording:
• Press OK [◉]
To play back from beginning or end of timeshift bar:
• Press [◀/▶]
To stop timeshift recording:
a) Press STOP [■]. Screen will return to live transmission.
b) Press OK [◉] to confirm
   • Timeshift will stop automatically after 6 hours.
To save a timeshift recorded clip as a title for subsequent viewing:
• Press REC [●] at start and at end point on bar of clip to be saved
  Repeat to save further clips
Clips will be recorded on HDD as titles when you exit timeshift function.

USING OTHER MEDIA TYPES

OPERATING USB FLASH DRIVE (Not supplied)

WARNING
Keep the USB Flash Drive out of reach of children.
If swallowed, seek medical advice immediately.

• **Compatible formats: FAT16 or FAT32 supporting USB 1.1.**
• **Disc or HDD files cannot be moved or copied to a USB Flash Drive.**
• **Do not remove whilst in use.**
• **Remove carefully when not in use.**

TO PLAY DIVX® MOVIE FILES
a) Load DivX® disc
b) Press HOME [⌂]. Movie menu is displayed.
c) Select DivX®
d) Press OK [◉]. DivX® movie list is displayed.
e) Select file to play
f) Press [INFO] to show file information
   To play multiple files:
   i Press [MARKER]
   ii Select and mark further files as required
   To select all files and folders list:
   i Select any file/folder
   ii Press [CLEAR]
   • To deselect files and folders
   • Press [CLEAR] again.
g) Press OK [◉]

LISTENING TO RECORDED MUSIC
To play music recorded on HDD,
disc or USB Flash Drive:
a) Load disc or flash drive as required
b) Press HOME [⌂]. First menu is displayed.

c) Press [◄/►] until MUSIC menu is displayed
d) Select location of music file
e) Press OK [◉]
f) Select music title
g) Press PLAY [►]

DISPLAYING MP3/WMA FILE INFORMATION

• Press INFO to display file information. ID3-Tag information is displayed if present.

VIEWING PHOTOS

To look at photos recorded on HDD, disc or USB Flash Drive:
a) Load disc or flash drive as required
b) Press HOME [⌂]. First menu is displayed.
c) Press [◄/►] until PHOTOS menu is displayed
d) Select location of photo file
e) Press OK [◉]
f) Select photo file
g) Press PLAY [►]

SKIP TO THE NEXT/PREVIOUS PHOTO

• Press [◄/►] to view previous/next photo

ROTATE A PHOTO

• Press [◄/►] to rotate photo

VIEWING PHOTO FILES AS A SLIDE SHOW

To show photos in photo list consecutively:
a) Load disc or flash drive as required
b) Press HOME [⌂]. First menu is displayed.
c) Press [◄/►] until PHOTOS menu is displayed
d) Select location of photo file
e) Press OK [◉]
f) Select Slide Show option on left side of screen

g) Press OK [◉]. Slide Show menu is displayed.
h) Select Speed option
i) Press OK [◉]
j) Select speed required
k) Press OK [◉]
    To view all photo files:
    • Select All
    To view only selected files:
    i Select file
    ii Press [MARKER]
    iii Select and mark further files as required
    iv Select Object option
l) Select START
m) Press OK [◉]. Slide show begins.

LISTENING TO MUSIC DURING SLIDE SHOW

To display photo files as slide show while listening to MP3/WMA music files on HDD:
a) Press HOME [⌂]. First menu is displayed.
b) Press [◄/►] until PHOTOS menu is displayed
c) Select location of photo file
d) Press OK [◉]
e) Select Slide Show option on left side of screen
f) Press OK [◉]. Slide Show menu is displayed.
g) Select Simultaneous Music play on slide show menu
h) Press OK [◉]. Music file selection menu is displayed.
i) Select file
j) Press [MARKER]
k) Select and mark further files as required
l) Select [START] option
m) Press OK [◉]. Music selection and slide show start.

PAUSE A SLIDE SHOW

- Press PAUSE/STEP [❚❚] to pause slide show.
- Press PLAY [▶] to continue slide show.

PLAYBACK FROM DISC

SIMULTANEOUS PLAYBACK AND RECORD

To play a title from HDD/DVD while making a different recording:
Options are restricted when copying, dubbing, using DivX or using DVD.

a) Press HOME [🏠]. MOVIE menu is displayed.
b) Select HDD or DVD
c) Press OK [◉]. Options are displayed.
d) Select title to play.
e) Press OK [◉]

PLAYING DISC CONTAINING A MENU

Menu setting and operation may vary with disc used.
To view disc menu:

a) Load DVD
b) Press HOME [🏠] button on remote control
c) Select DVD option
d) Press OK [◉]. Title list is displayed.

- To play a DVD title/chapter:
  i   Select title/chapter
  ii Press OK [◉] to start playback
  iii Press [TITLE] or [MENU/LIST] to return to menu screen
- Press SKIP [▶▶❙] to move to next chapter/track/file
- Press SKIP [❙◀◀] once to return to beginning of current chapter/track/file
- Press SKIP [❙◀◀] twice to return to beginning of previous chapter/track/file

PAUSE PLAYBACK

- Press PAUSE/STEP [❚❚]

To continue playback:

- Press PLAY [▶]

FRAME-BY-FRAME PLAYBACK
- Press PAUSE/STEP [❚❚] repeatedly

To advance or reverse playback frame by frame:
- Press PAUSE/STEP [❚❚] once to freeze playback
- Press [◄/►] repeatedly.

Reverse frame-by-frame playback not available for Video CD.

FAST FORWARD OR FAST REVERSE DURING PLAYBACK
- Press SCAN [◄◄/►►] to play fast forward or fast reverse

To change playback speed:
- Press SCAN [◄◄/►►] repeatedly

To resume normal speed:
- Press PLAY [►]

CHANGE AUDIO LANGUAGE, TRACK OR ENCODING METHOD DURING PLAYBACK
a) Press AUDIO [⟲⟲]
b) Press [◄/►] repeatedly

SLOW DOWN PLAYING SPEED
a) Press PAUSE/STEP [❚❚]
a) Press SCAN [◄◄/►►] repeatedly to slow down forward or reverse playback

Slowing down reverse playback not available for Video CD.

To change playback speed:
- Press SCAN [◄◄/►►] repeatedly

To resume normal speed:
- Press PLAY [►]

DISPLAY DVD TITLE MENU
a) Press [TITLE]

If current DVD title has no title menu, disc menu may appear.

PLAYING REPEATEDLY DURING PLAYBACK
To play back current title, chapter, folder or track repeatedly:
- Press [REPEAT] repeatedly

To return to normal playback:
- Press [REPEAT] repeatedly to select OFF

REPEATING A SPECIFIC PORTION (MINIMUM 3 SECONDS) DURING PLAYBACK
a) Press REPEAT to select start point of portion
a) Press OK [◉] to select end point of portion.

Selected portion will be repeated continually.

To return to normal playback:
- Press [REPEAT] repeatedly to select OFF

LAST SCENE MEMORY (DVD)
Unit memorises last scene from last disc viewed even if disc is removed or Unit is switched off. When that disc is reloaded, last scene is automatically recalled and displayed.

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CHAPTER SEARCH: HDD, -RW VR, -RW VIDEO, +RW, +R, RAM

To select a chapter from which to start playback:
   a) Ensure playback stopped
   b) Press [HDD] or [DVD]
   c) Press [MENU/LIST]
   d) Select title to edit
   e) Press OK [⊙] to display editing menu
   f) Select Chapter in Search option from menu on left of screen
   g) Press OK [⊙] to display Chapter List menu
   h) Select chapter for start of playback
   i) Press PLAY [►] to start

ADDING CHAPTER MARKERS: HDD, -RW VR, +RW, +R, RAM

 To create chapters within a title during recording (except for HDD) or playback:
   • Press [MARKER] at desired point. Chapter marker icon is displayed.

MOVING TO ANOTHER TITLE

To display information about a title on a disc where there is more than one title:
   a) Press [INFO] button on remote control twice during playback
   b) Select title icon
   c) Press number button [0-9] or [◄/►] to select a title number
   d) Press OK [⊙]

STARTING PLAYBACK FROM SELECTED TIME

   a) Press [INFO] twice during playback. Time search box shows elapsed playing time.
   b) Select the time search box
   c) Enter required start time in hours, minutes and seconds.
      Eg: to start at 2 hours, 10 minutes and 20 seconds, enter "21020"
   • To correct errors:
      i Press [◄/►] to move underscore: _ to number needing correction
      ii Enter correct numbers.
   d) Press OK [⊙]

SELECTING A SUBTITLE LANGUAGE

   a) Press [INFO] twice during playback. Playback menu is displayed.
   b) Select subtitle option
   c) Select subtitle language
   d) Press OK [⊙]
OR
   a) Press [SUBTITLE] button on remote control during playback
   b) Press [Left, Right] repeatedly to select subtitle language
   c) Press OK [⊙]

WATCHING FROM A DIFFERENT ANGLE

To select camera angle for viewing, if available:
   a) Press [INFO] twice to display playback menu
   b) Select angle option
   c) Select desired angle
   d) Press OK [⊙]

SELECTING A SOUND MODE

This Unit can produce a 3D Surround Sound effect to simulate multi-channel audio playback.
   a) Press [INFO] twice to display playback menu
   b) Select sound option
   c) Select sound mode: 3D SUR. or NORMAL
   d) Press OK [⊙]

EDITING RECORDED CONTENT

BEFORE EDITING

- **Advanced editing functions require VR mode formatted DVD (DVD-RW or DVD-RAM).**
- **Original title or Playlist can be edited.**
- **Editing of Original title is final.**
- **Playlists can be created for editing purposes.**

EDITING A TITLE

To edit recordings on DVD or HDD:
  a) Ensure playback stopped
  b) Press [HDD] or [DVD]
  c) Press [MENU/LIST]
  d) Select title to edit
  e) Press OK [⊙] to display menu in left panel
To edit a VR mode disc:
  - Press [MENU/LIST] to switch between original and playlist menus

ADDING CHAPTER MARKERS: HDD, -RW VR, +RW, +R, RAM

To create chapters within a title during recording (except for HDD) or playback:
  - Press [MARKER] at desired point. Chapter marker icon is displayed.

DELETING A TITLE OR CHAPTER

To delete a title or chapter:
  a) Ensure playback stopped
  b) Press [HDD] or [DVD]
  c) Press [MENU/LIST]
  d) Select title / chapter to delete
     - For multiple deletion on HDD only:
     i Press [MARKER]
     ii Repeat for each file to be deleted
  e) Press OK [⊙] to display editing menu
  f) Select Delete option from menu on left panel

  g) Press OK [⊙]
     - If item was on Playlist, it is deleted from Playlist but not from Original
     - If item was on Original recording, it is deleted both from Original and from Playlist
  h) Press OK [⊙] to confirm.

CREATING / ADDING TO A PLAYLIST: -RW VR, RAM

A Playlist allows you to edit or re-edit a title or chapter without changing the Original recording.
  a) To add an Original title or chapter to a Playlist:
  b) Ensure playback stopped
  c) Press [DVD]
  d) Press [MENU/LIST]
  e) Select title to edit
  f) Press OK [⊙] to display editing menu
  g) Press OK [⊙] to display Select Playlist menu
     - To add title/chapter to an existing Playlist:
     - Select Playlist name
     To add title/chapter to a new Playlist:
     - Select New Playlist
  h) Select Playlist Add option
  i) Press OK [⊙] to confirm

MOVING A PLAYLIST CHAPTER: -RW VR, RAM

To re-arrange playing order of a Playlist title on Chapter List/ Playlist menu:
  a) Ensure playback stopped
  b) Press [DVD]
  c) Press [MENU/LIST]
  d) Select title to edit
  e) Press OK [⊙] to display editing menu
  f) Press OK [⊙] to display Select Playlist menu

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g) Select either Chapter or Playlist option
h) Select Move option from menu on left panel
i) Press OK [◉]
j) Select place to move chapter to
k) Press OK [◉]. Updated list is displayed.

TIME SEARCH: HDD, -RW VR, -RW VIDEO, +RW, +R, -R, RAM

To play back a title by time when recording was made:
a) Ensure playback stopped
b) Press [HDD] or [DVD]
c) Press [MENU/LIST]
d) Select title to play
e) Select Search option from menu in left panel
f) Press OK [◉]
g) Select Time option
h) Use [◄/►] buttons to determine start time. Each press of [◄/►] moves 1 minute, or press and hold [◄/►] to move by 5 minutes.
i) Press OK [◉] to watch title from selected time selected

SORTING TITLES: HDD

a) Ensure playback stopped
b) Press [HDD]
c) Press [MENU/LIST]
d) Press OK [◉] to display options menu
e) Select Sort
f) Press OK [◉] to view further options
g) Select whether to sort titles by
  • Date (when they were recorded)
  • Title (alphabetical order)
  OR
  • Category (genre)
h) Press OK [◉]. Sorting starts and display is rearranged.

COMBINING TITLES: HDD

To merge selected title with another title:
a) Ensure playback stopped
b) Press [HDD]
c) Press [MENU/LIST]
d) Select title to merge
e) Press OK [◉] to display editing menu
f) Select Edit option to display editing menu
g) Select Combine from menu in left panel
h) Press OK [◉]
i) Select a title to combine with current title
j) Press OK [◉] to confirm

HIDING A CHAPTER OR TITLE

To skip past a chapter or title without viewing during playback:
a) Ensure playback stopped
b) Press [DVD] or [HDD]
c) Press [MENU/LIST]
d) Select chapter / title to hide
e) Press OK [◉] to display editing menu
f) Select Edit option to display editing menu
g) Select Hide option from menu in left panel
h) Press OK [◉]

To recover the hidden title or chapter:
i) Select Show option from editing menu in left panel
j) Press OK [◉] to recover title/ chapter

VIEWING TITLE LIST MENU DISPLAYED ON ANOTHER UNIT

To view title list menu displayed on another unit capable of playing DVD+RW or DVD+R discs:
  • Press [TITLE] during playback or when stopped. Title List menu is displayed.

If [TITLE] button unavailable due to digital broadcasts:

- Press and hold [MENU/LIST] button for 3 seconds

DIVIDING A TITLE

To separate a title into two titles:
  a) Ensure playback stopped
  b) Press [DVD] or [HDD]
  c) Press [MENU/LIST]
  d) Select title to split
  e) Press OK [⊙]
  f) Select Edit option to display editing menu
  g) Select Divide option from left panel
  h) Use PLAY [►], SCAN [◄◄/►►] and PAUSE/STEP [❚❚]
     buttons to locate split point
     • Each section must be 3 seconds or longer.
  i) Press OK [⊙]. Playback screen shows dividing point.
  j) Select Done option
  k) Press OK [⊙] to confirm split

PROTECT A TITLE

To protect a title against accidental recording, editing or deletion:
  a) Ensure playback stopped
  b) Press [DVD] or [HDD]
  c) Press [MENU/LIST]
  d) Select title to protect
  e) Press OK [⊙]
  f) Select Edit option to display editing menu
  g) Select Protect option from left panel
  h) Press OK [⊙]. Lock mark is displayed on title thumbnail.
To unprotect the title:
  i) Select Unprotect option from editing menu in left panel
  j) Press OK [⊙] to confirm

DELETING A PART

To delete part of title:
  a) Ensure playback stopped
  b) Press [DVD] or [HDD]
  c) Press [MENU/LIST]
  d) Select title
  e) Press OK [⊙]
  f) Select Edit option to display editing menu
  g) Select Delete Part from editing menu in left panel
  h) Press OK [⊙] to display delete part menu
  i) Use PLAY [►], SCAN [◄◄/►►] and PAUSE/STEP [❚❚]
     buttons to locate start/end points
     • Start Point: Select start point of deletion
     • End Point: Select end point of deletion
     • Next Part: Delete additional part (HDD only)
     • Cancel: Cancel deletion
     • Done: Delete selected part
  j) Press OK [⊙] to confirm deletion

NAMING A TITLE

To change a title name:
  a) Ensure playback stopped
  b) Press [DVD] or [HDD]
  c) Press [MENU/LIST]
  d) Select title
  e) Press OK [⊙]
  f) Select Edit option from menu in left panel
  g) Select Rename or Title name from editing menu in left panel
  h) Press OK [⊙]
  i) Use [◄/►/▲/▼] to navigate keyboard and press
     OK [⊙] on remote control to confirm each key selection
     • To use shortcuts on remote control to enter a name:
       PLAY [►]: Inserts a space at the cursor position

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PAUSE/STEP [❙❙]: Deletes a character after cursor position
STOP [■] / [CLEAR]: Deletes character before cursor position
[◀/▶]: Moves cursor to left or right
[MENU/LIST] / [INFO]: Changes character set on keyboard menu.
Numbers [0-9]: Enters that number at cursor position
- To apply a genre for a selected title on HDD:
i   Highlight a character on keyboard menu
ii Press and hold [▶] until curser jumps across to Genre option
ii Highlight genre
iv Press OK [◉] to select. Chosen genre name will appear at lower right corner of title thumbnail.
j) Select OK on keyboard menu to confirm new name (and genre)

COMBINING CHAPTERS

To merge selected chapter with previous chapter:
a) Ensure playback stopped
b) Press [DVD] or [HDD]
c) Press [MENU/LIST]
d) Select chapter
e) Press OK [◉]
f) Select Edit option to display editing menu
g) Select Combine. Combine indicator is displayed between chapter thumbnails.
h) Press OK [◉]
NB This function will not work if:
- There is only one chapter in title
- First chapter is selected
- Chapters to be combined are created by deleting part of Original title
- Chapters to be combined are created from different titles
- One of Playlist chapters to be combined has been moved

USING THE DISC MENU

To use disc setting functions without entering set up menu:
a) Press [DVD] on remote control to select DVD mode
b) Press [MENU/LIST]
c) Select Disc option
d) Press OK [◉] to display further options:
    - Disc Format: Format disc
    - Finalize: Finalize disc
    - Unfinalize: Unfinalize disc
    - Disc Label: Supply a name for disc. Name will appear when disc is loaded
    - Protect: Prevent accidental recording, editing, deleting of the inserted disc
    - Unprotect: Remove protect function

OVERWRITING

To overwrite an unprotected video recording:
a) Select TV channel or input source you want to record
b) Press [MENU/LIST]
c) Select a title to overwrite
d) Press REC [●] to start overwrite
To stop the recording:
- Press STOP [■]
If recording is longer than title being overwritten, following title will also be overwritten, unless protected.
If following title is protected, overwriting stops.

COPYING AND MOVING FILES, FOLDERS AND TITLES

COPYING FILE(S) OR FOLDER(S) TO HDD

a) **Press [DVD] to select mode**
b) **Press [MENU/LIST]**
c) **Select file or folder to copy**
   To copy more files or folders:
   • **Select next file**
   • **Press [MARKER] when each one is highlighted.**
d) **Press OK [⊙]**
e) **Select Edit from menu in left panel**
f) **Press OK [⊙] to show sub options.**
g) **Select Copy option. Copy menu is displayed.**
h) **Press OK [⊙]**
i) **Select directory to copy to**
j) **Select Copy option**
k) **Press OK [⊙] to begin copying**

MOVING FILE(S) OR FOLDER(S) TO OTHER FOLDERS ON HDD

a) Press [HDD]/DVD] to select mode
b) Press [MENU/LIST]
c) Select file or folder to copy
   To copy more files or folders:
   • Select next file
   • Press [MARKER] when each one is highlighted.
d) Press OK [⊙]
e) Select Edit from menu in left panel
f) Press OK [⊙] to show sub options.
g) Select Move option. Move menu is displayed.
h) Press OK [⊙]
i) Select folder to move to
j) Select Move option
k) Press OK [⊙] to begin moving

NAMING A FILE OR FOLDER ON HDD

a) Press [HDD]
b) Press [MENU/LIST]
c) Select file or folder
d) Press OK [⊙]
e) Select Edit from menu in left panel
f) Press OK [⊙]
g) Select Rename option
h) Press OK [⊙]
i) Use [◄/►/▲/▼] to navigate keyboard and press OK [⊙] on remote control to confirm each key selection
   • To use shortcuts on remote control to enter a name:
   PLAY [►]: Inserts a space at the cursor position
   PAUSE/STEP [▮▮]: Deletes a character after cursor position
   STOP [▮] / [CLEAR]: Deletes character before cursor position
   [b B]: Moves cursor to left or right
   [MENU/LIST] / [INFO]: Changes character set on keyboard menu.
   Numbers [0-9]: Enters that number at cursor position
j) Select OK on keyboard menu to confirm name

DUBBING A TITLE

AFTER DUBBING TO DVD

- **Ensure DVD is finalized (see Finalizing in Disc settings section) so it will play back on other units**

DUBBING A TITLE FROM HDD TO DVD, OR FROM DVD TO HDD

a) Press [HDD]/DVD] for title to be copied
b) Press [MENU/LIST]
c) Select title to copy
   To copy more titles (from HDD only):
   - Select next file
   - Press [MARKER] when each one is highlighted.
d) Press OK [◉]
e) Select Dubbing from menu in left panel
f) Press OK [◉]
g) Select Recording mode: XP, SP, LP, EP, MLP, AUTO or Fast
   - When dubbing from DVD to HDD, only a VR mode formatted disc can use Fast mode.
   - When dubbing from HDD to VR mode DVD-RW or DVD-RAM, the Fast mode is not available for edited HDD titles and Clip Recording titles.
   - When dubbing an edited title from VR mode DVD-RW or DVD-RAM to HDD the Fast mode is not available.
h) Press OK [◉]
i) Select START
j) Press OK [◉] to start dubbing

DUB A CURRENTLY PLAYING TITLE

Works only for DVD± finalized with video formatted DVD-RW or for DVD-ROM without copy protection.
To copy a title to HDD during DVD playback:
a) Press HOME [🏠]. First menu is displayed.
b) Press [◄/►] until Easy Menu is displayed

c) Select SETUP
d) Press OK [◉] to display set up menu
e) Select recording icon in left panel
f) Select Dubbing option from middle panel
g) Press OK [◉] to start dubbing. Currently set recording mode (XP, SP, LP, EP or MLP) will apply. Playback jumps back to start of title

NOTES

GENERAL

PROBLEM	SOLUTION
The Power does not turn on	Check the mains cable is plugged into the Unit and mains outlet securely.
	Try resetting the unit by holding the POWER button for FIVE seconds.
There is no picture.	Select the appropriate video input (AV) mode on the TV so the picture from the unit appears.
	Check the connecting cables between the unit and the TV.
	Check the Video Output Format in the SETUP menu is set to the appropriate item that conforms to your connection.
Picture Noise Appears.	You are playing a disc recorded in a colour system (PAL, NTSC, SECAM) that is different from your TV.
	The video signal from the external device is copy-protected.
	Check the screen resolution is compatible by pressing the RES Button.
Unable to to find TV channels and store them.	Check antenna connection to your unit.
	Check to see if you have Digital TV available in your area.
There is no sound.	Check the connecting cables between the unit, TV and/or amplifier.
	Check the input source setting on the amplifier.
	Is the unit in scan, slow motion or pause modes?
The remote control does not work properly.	Try resetting the unit by holding the POWER button for FIVE seconds.
The remote control does not work properly.	Check you are pointing the remote at the sensor on the unit.
	Is the remote too far from the unit.
	Check there are now obstacles in the way of the sensor.
	Reset the remote control to work with your connected TV (page 19).
	Replace the batteries in the remote control (page 9).

PLAYBACK

PROBLEM	SOLUTION
The unit does not playback.	Check the disc format is compatible with this unit.
	Check the disc region code is compatible with this unit.
	Ensure the disc is placed in the unit the correct way.
	Check the disc for signs of damage and dirt.
	Disable or alter the Parental locks and Rating function.
Cannot play a disc recorded on this unit on an other player.	Ensure the disc has been finalised (see page 26).
	Check the disc format is compatible with the other player.
	Ensure the disc is placed in the unit the right way round.
	Discs recorded with copy-once material cannot be played on other players.
The angle cannot be changed.	Multi-angles are not recorded on the DVD video being played.
	The angles cannot be changed for the titles recorded on this unit.
The subtitle language cannot be changed or disabled.	Subtitles are not recorded on the DVD Video being played.
	The subtitles cannot be changed for the titles recorded on this unit.
Cannot play MP3/WMA/JPEG/DviX files.	The files are not recorded in a compatible format.
	The movie file Codec is not compatible with this unit.
	The unit cannot support the resolution.
Unable to deactivate password or forgtten your password	Follow instuctions on page 23 - Forgotten password.

RECORDING

PROBLEM	SOLUTION
Cannot record or does not record correctly.	Check the disc/HDD has sufficent available space.
	Check the source is not copy protected.
	Use a VR mode formatted disc for copy-once material.
Timer record function is not successful.	Check the clock & date are set correctly.
	Timer recordings may have overlapped. Only the earliest setting will record completely.
Stereo Audio Record and/or Playback is not present.	Check your TV has stereo capability.
	Check the Program was broadcast in a stereo format.
	Check the A/V output ports are connected to the TV A/V ports.
	Check the cables are connected correctly.
	Check cables for signs of damage.

HDMI

PROBLEM	SOLUTION
HDMI device does not display a picture.	Try disconnecting then re-connecting the HDMI cable.
	Switch the mains power off and back on.
	Check the Video input for the connected device is set correctly.
	Check the HDMI cable is fitted correctly.
	Check the HDMI cable for damage.
	Not all HDCP devices are compatible with this unit.
Connected HDMI device does not output sound.	Not all HDCP devices are compatible with this unit
	If your TV is not capable of processing a 96 kHz sampling frequency, set the [Sampling Freq.] option to 48 kHz.
	Your TV is not equipped with Dolby Digital and MPEG decoder, set [Dolby Digtal] and [MPEG] to [PCM] in the setup menu.
	Your TV is not equipped with DTS decoder, set [DTS] option to [OFF] in the setup menu.

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