



OWNER'S MANUAL

Portable DVD Player with Mobile DTV

Enjoy DVDs or free local TV anytime, anywhere*

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

MODEL
DP570MH

P/NO : MFL38574970

* TV reception of Mobile DTV broadcasts where
available using ATSC-M/H technology

www.lg.com

1

Safety Information

1

Safety Information



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK) NO USER-SERVICEABLE PARTS INSIDE REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



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.

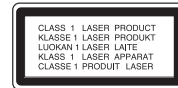
Cautions and Warnings

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 center. 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. Visible laser radiation when open. DO NOT STARE INTO BEAM.

CAUTION concerning the Power Cord

Most appliances recommend they be placed upon a dedicated circuit;

That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized service center. 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. To prevent contamination of the environment and bring on possible threat to human and animal health, the old battery or the battery put it in the appropriate container at designated collection points. Do not dispose of batteries or battery together with other waste. It is recommended that you use local, free reimbursement systems batteries and accumulators. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

CAUTION: The apparatus shall not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, shall be placed on the apparatus.

CAUTION:

- The ventilation shall not be impeded by covering the ventilation openings with items, such as newspapers, table-cloth, curtains etc.
- No naked flame sources, such as lighted candles, shall be placed on the apparatus.
- Used batteries shall be disposed of safely and not incinerated. Attention shall be shown to the environment aspects of battery disposal.
- The excessive sound pressure from earphones and headphones can cause hearing loss.
- The battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Do not remove the battery incorporated with product for your safety.
If you need to replace the battery, take it to the nearest authorized LG Electronics service point or dealer for assistance

REGULATORY INFORMATION: FCC Part 15

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the product is operated in a residential installation. This product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the product and receiver.
- Connect the product into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

CAUTION: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Warning for replaceable lithium battery

- Danger of explosion if battery incorrectly replaced.
- Replace only with the same type battery.
- Additional warning marking close to the battery if intended to be replaced by users.

CAUTION:

DO NOT ATTEMPT TO MODIFY THIS PRODUCT IN ANY WAY WITHOUT WRITTEN AUTHORIZATION FROM LG ELECTRONICS CORPORATION.

UNAUTHORIZED MODIFICATION COULD VOID THE USER'S AUTHORITY TO OPERATE THIS PRODUCT. THIS EQUIPMENT IS INTENDED TO RECEIVE AND DECODE SIGNALS TRANSMITTED ACCORDING TO ATSC DIGITAL TELEVISION STANDARD A/153, SPECIFICATION AND IS INTENDED TO BE USED WITH AN APPROPRIATE ANTENNA AND DISPLAY DEVICE THAT YOU MUST PROVIDE.

FCC COMPLIANCE:

The responsible party for this product's compliance is:

Marketed and Distributed by LG Electronics U.S.A., Inc., 1000 Sylvan Avenue, Englewood Cliffs, NJ. Phone: 1-201-816-2000.

Notes on Copyrights

- Many DVD discs are encoded with copy protection. Because of this, you should only connect your player directly to your TV, not to a VCR. Connecting to a VCR results in a distorted picture from copy-protected discs.
- 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.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, videotapes, DVDs, CDs and other materials may subject you to civil and/or criminal liability.

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

"DVD Logo" is a trademark of DVD Format/Logo Licensing Corporation.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



Contents

1

Safety Information

3	Cautions and Warnings
---	-----------------------

2

Preparation

8	Introduction
8	About the "Ⓢ" Symbol Display
8	Symbols Used in this Manual
8	Supplied Accessories
9	Playable Discs
9	Regional Code
10	File compatibility
11	Main Unit
12	Remote control

3

Installation

14	Power connections
14	Connecting the AC Adapter
14	Connecting the Automotive adapter
15	TV Connection
16	Battery Pack
16	Attaching the Battery Pack
17	Unfolding the LCD panel
17	Extending the Antenna
18	USB Flash Drive connection
18	Playback content in the USB Flash Drive
19	Settings for DVD Player
19	Adjust the Setup Settings
19	[LANGUAGE] Menu
20	[DISPLAY] Menu
20	[AUDIO] Menu
20	[LOCK] Menu
21	[OTHERS] Menu
21	Settings for TV Viewing
21	When you select the TV mode for the first time.
21	Adjust the Setup Settings
22	Auto Scan
22	Closed Caption
22	TV Rating - Set Rating On/Off
23	TV Rating - US Rating
24	TV Rating - Downloadable Rating
24	TV Rating - Canadian Rating
25	Password

4 Operation

- 26 **General Playback**
- 26 Playing Discs
- 27 Using the disc menu
- 27 Resume playback
- 27 **Advanced Playback**
- 27 Repeat Playback
- 27 Repeating a specific portion
- 28 Hearing a different audio
- 28 Selecting a subtitle language
- 28 Enlarging the playback image
- 28 Marker Search
- 29 Watching from a different angle
- 29 Playing from selected time
- 29 Last Scene Memory
- 29 Screen Saver
- 29 Playing a DVD-VR disc
- 30 **On-Screen display**
- 30 Displaying content information on-screen
- 31 **Playing a video file**
- 31 Changing subtitle code page
- 32 **Viewing a photo**
- 33 **Listening to music**
- 34 **Viewing the TV Program**

5 Maintenance

- 36 **Notes on Discs**
- 36 **Handling the Unit**

6 Troubleshooting

- 37 **Troubleshooting**

7 Appendix

- 38 **Area Code List**
- 39 **Language code List**
- 40 **Specifications**
- 40 General
- 40 Connectors
- 40 Liquid Crystal Display
- 40 System

8 Warranty

- 41 **Limited Warranty**

1

2

3

4

5

6

7

8

2 Preparation

2

Preparation

Introduction

About the “⊗” Symbol Display

“⊗” may appear on your TV display during operation and indicates that the function explained in this owner’s manual is not available on that specific media.

Symbols Used in this Manual



NOTE

Indicates special notes and operating features.



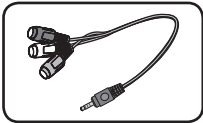
CAUTION

Indicates cautions for preventing possible damages from abuse.

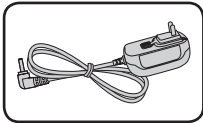
A section whose title has one of the following symbols are applicable only to the disc represented by the symbol.

DVD	DVD-Video, DVD±R/RW in Video mode or VR mode and finalized
ACD	Audio CDs
MOVIE	Video files contained in the USB/Disc
MUSIC	Audio files contained in the USB/Disc
PHOTO	Photo files

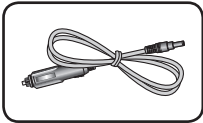
Supplied Accessories



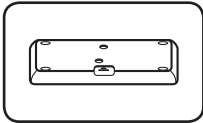
RCA Video/Audio adapter (1)



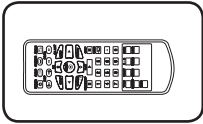
AC Adapter (MPA-630A) (1)



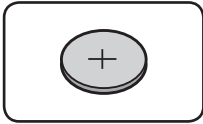
Automotive Adapter (1)



Battery Pack (1)



Remote Control (1)



Battery for Remote Control (Lithium Battery)

Playable Discs



DVD-VIDEO (8 cm / 12 cm disc)
Discs such as movies that can be purchased or rented.



DVD±R (8 cm / 12 cm disc)
- Video mode and finalized only
- Supports the dual layer disc also
- DVD±R discs that contain Video, Music or Photo files.



DVD-RW (8 cm / 12 cm disc)
- VR mode, Video mode and finalized only
- DVD-RW discs that contain Video, Music or Photo files.



DVD+RW (8 cm / 12 cm disc)
- Video mode and finalized only
- DVD+RW discs that contain Video, Music or Photo files.



Audio CD (8 cm / 12 cm disc)



CD-R/RW (8 cm / 12 cm disc)
- CD-R/RW discs that contain audio titles, Video, Music or Photo files.

Regional Code

This unit has a regional code printed on the unit. This unit can play only DVD discs labeled same as 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 your player, the message "Check Regional Code" appears on the TV screen.



NOTE

- 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.
- Depending on the recording software & the finalization, some recorded discs (CD-R/RW, DVD±R/RW) may not be playable.
- 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 player'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 player 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 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.
- You have to set the disc format option to [Mastered] in order to make the discs compatible with the LG players when formatting rewritable discs. When setting the option to Live System, you cannot use it on LG player. (Mastered/Live File System : Disc format system for windows Vista)

File compatibility

Overall

Available File extensions: ".jpg", ".avi", ".mpg", ".mpeg", ".mp3", ".wma"

- The file name is limited to 20 characters.
- Depending on the size and number of the files, it may take several minutes to read the contents on the media.

Maximum Files/Media (Disc or USB Flash Driver): Less than 600 (total number of files and folders)

CD-R/RW, DVD±R/RW Format: ISO 9660

Video Files

Available resolution size: 720 x 576 (W x H) pixels

Playable subtitle: SubRip (.srt / .txt), SAMI (.smi), SubStation Alpha (.ssa/.txt), MicroDVD (.sub/.txt), VobSub (.sub), SubViewer 2.0 (.sub/.txt), TMPlayer (.txt), DVD Subtitle System (.txt)

Playable Codec format: "H.264/MPEG-4 AVC"

- This unit does not support the DivX file.

Playable Audio format: "Dolby Digital", "PCM", "MP3", "WMA"

- Not all the WMA Audio format is compatible with this unit.

Sampling frequency: within 8 to 48 kHz (MP3), within 32 to 48 kHz (WMA)

Bit rate: within 8 to 320 kbps (MP3), within 32 to 192 kbps (WMA), less than 4 Mbps (Video file)

! NOTE

This player does not support the file that are recorded with GMC^{*1} or Qpel^{*2}. Those are video encoding techniques in MPEG4 standard.

^{*1} GMC - Global Motion Compensation

^{*2} Qpel - Quarter pixel

Audio Files

Sampling frequency: within 8 to 48 kHz (MP3), within 32 to 48 kHz (WMA)

Bit rate: within 8 to 320 kbps (MP3), within 32 to 192 kbps (WMA)

! NOTE

The total playback time indicated on the screen may not correct for VBR files.

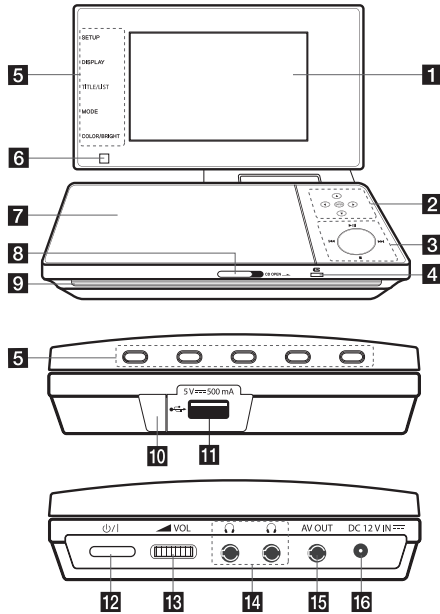
Photo Files

Recommended size:

Less than 2MB recommended

- Progressive and lossless compression photo image files are not supported.

Main Unit



1 LCD screen

2 Menu control buttons

- left/right/up/down: Use to select an item in the menu.
- ENTER: Press to confirm menu selection.

3 Playback control buttons

- ► (Play) / || (Pause): Press to start playback and pause playback temporarily, press again to exit pause mode.
- ■ (Stop): Press to stop playback.
- ◀◀ (Skip): Press to search backward* or return to the beginning of current chapters/ tracks/ files or go to the previous chapters/ tracks/ files.
- ▶▶ (Skip): Press to search forward* or go to next chapters/ tracks/ files.

* Press and hold button for about two seconds.

4 Battery charge and power indicator

- The indicator turns red in charging and it will be turned into green when the charging is complete. (Refer to page 16 for details.)
- The indicator turns green for a moment when the unit is turned on.

5 Function buttons

- **COLOR/BRIGHT:** Press to display the Brightness or Color menu for LCD display. To adjust the color or brightness of the LCD display, press COLOR/BRIGHT repeatedly on the main unit to display the Brightness or Color menu then use ◀/▶ to adjust the value. Press ENTER to confirm the adjustment.
- **MODE:** Selects a operation mode among [DISC], [USB] and [TV].
- **TITLE/LIST:** Displays the DVD title menu, if available. Accesses the Channel List menu.
- **DISPLAY:** Accesses On-Screen Display.
- **SETUP:** Accesses or exits the setup menu.

6 Remote sensor: Point the remote control here. To control the unit using the remote control, do not fold the LCD panel down.

7 Disc lid

8 CD OPEN: Use the slide open key to open the disc lid.

9 Speakers

10 Built-in Antenna

11 USB Port: Connect a USB Flash Drive.

12 ⏻/I (Power): Switches the player ON or OFF.

13 ◀ VOL (Volume): Adjusts the volume level of the built-in speaker and earphones.

14 🎧 (Earphones): Connect earphones here.

15 AV OUT: Connect to a TV with video and audio input.

16 DC 12V IN: Connect the AC adapter or automotive adapter.

Remote control

POWER (⏻): Switches the player ON or OFF.

AUDIO (🔊): Selects an audio language or audio channel.

SUBTITLE (🗣️): Selects a subtitle language.

ANGLE (📷): Selects a DVD camera angle, if available.

SKIP (⏮️/⏭️): Goes to the next or previous chapter / track / file.

SCAN (⏮️/⏭️): Searches backward or forward.

SETUP: Accesses or exits the setup menu.

MENU: Accesses menu on a disc.

CH. LIST: Accesses the Channel List menu.

Direction buttons: Selects an option in the menu.

CH +/-: Selects channels in memory.

ENTER (⏵): Acknowledges menu selection.

RETURN (↩️): Exits the menu.

DISPLAY: Displays or exits On-Screen Display.

PAUSE/STEP (⏸️): Pauses playback temporarily/press repeatedly for frame-by-frame playback.

PLAY (▶️): Starts playback.

STOP (■): Stops playback.

MODE: Selects a operation mode among [DISC], [USB] and [TV].

0-9 numerical buttons: Selects numbered options in a menu or chooses channels.

- (Dash): Enters a dash for sub channel numbers such as 2-1, 2-2, 47-3 etc.

TITLE: Displays the DVD title menu, if available.

REPEAT: Repeats a desired sequence.

A-B: Repeats a section.

ZOOM: Enlarges a video image.

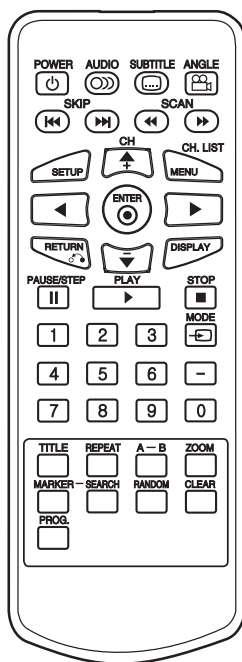
MARKER: Marks any point during playback.

SEARCH: Displays or exits the search menu.

RANDOM: Plays tracks in random order.

CLEAR: Removes a mark on the search menu or a number when setting the password.

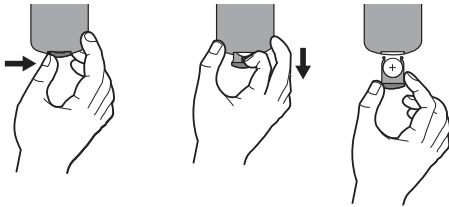
PROG.: Enters the program edit mode.



Put the Battery into the Remote Control

Pinch the battery holder clip together then pull the tab to remove the battery holder. Insert the battery with the + facing in the same direction as the + on the battery holder. Replace the battery holder with battery into the Remote Control unit making sure that it is fully inserted.

- Replace Remote Control unit battery with 3 V micro lithium cells such as CR. 2025 or its equivalent.
- Dispose of battery safely in accordance with local laws. Do not dispose of in fire.



Warning

The battery used in this device may present a fire or chemical burn hazard if mistreated. Do not recharge, disassemble, incinerate, or heat above 100 °C (212 °F).

Replace the battery with Matsushita Elec. Ind. Co., Ltd. (Panasonic), part no. CR. 2025 only.

Use of another battery may present a risk of fire or explosion. Dispose of used batteries. Keep batteries away from children. Do not disassemble or dispose of in fire.

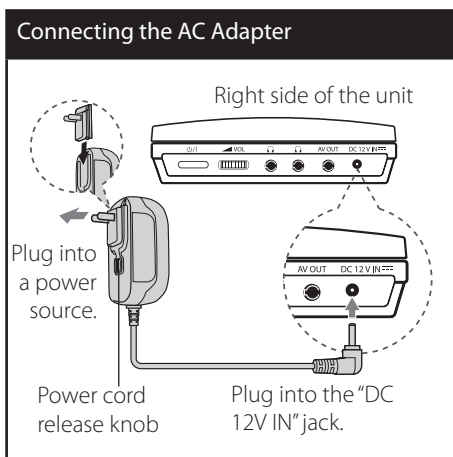
3

Installation

Power connections

Connecting the AC Adapter

Connect the supplied AC adapter from the unit to a power socket.

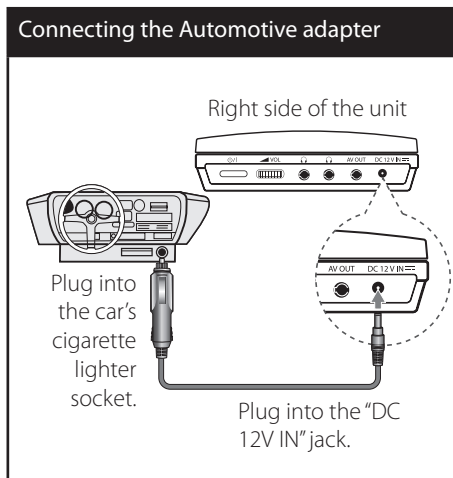


AC adapter

- This AC adapter operates on 100-120 V~ 1A 50/60 Hz.
- Contact an electrical parts distributor for assistance in selecting a suitable AC plug adapter or AC cord set.
- Manufactured by WANLIDA GROUP CO., LTD

Connecting the Automotive adapter

This unit and its automotive adapter are designed for use in vehicles that have 8.5-15 volt, negative ground electrical systems. This is standard for most vehicles. If your vehicle has a different type of electrical system, the DC power system cannot be used.



Automotive adapter

- This automotive adapter operates on DC 8.5 - 15 V.
- Contact an electrical parts distributor for assistance in selecting a suitable automotive adapter.

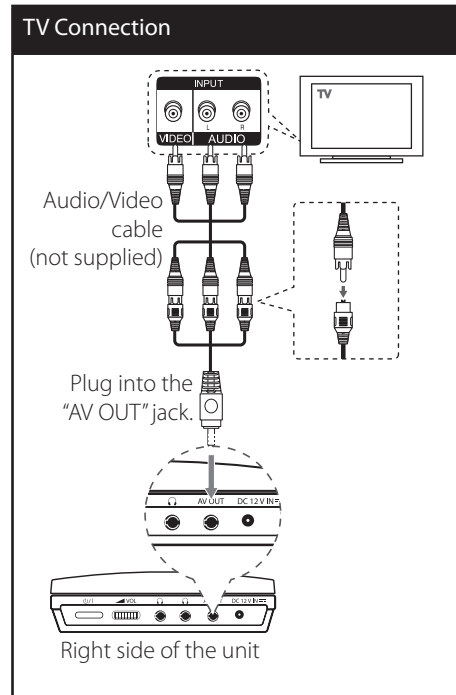


CAUTION

- To prevent electrical shock and possible damage to your unit or vehicle, always unplug the automotive adapter from the cigarette lighter socket before you remove the plug from your unit.
- A 3 amp, 250 V fuse for protection is installed in the automotive adapter.
- While the engine is being started, disconnect the automotive adapter from the car's cigarette lighter socket.
- Do not operate your unit when the car battery is discharged. Peak current from the car generator may cause the DC fuse to blow.
- If the vehicle's supply voltage drops below approximately 10 volts, your unit may not work properly.
- Do not leave your unit in a place where the temperature exceeds 40 °C (104 °F), or the pick-up device may be damaged.
Examples include:
 - Inside a car with the windows closed and in direct sunshine.
 - Near a heating appliance.

TV Connection

Connect the AV OUT jack on the unit to the corresponding input jacks on your TV using the supplied AV cable as shown below.



3

Installation



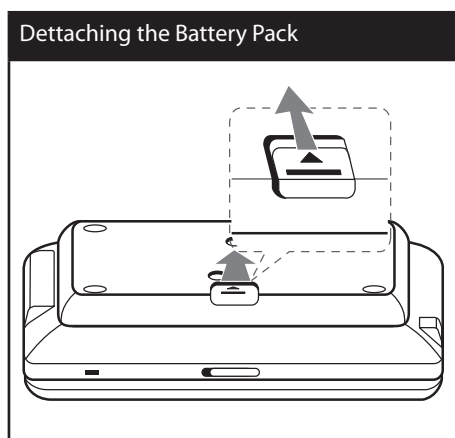
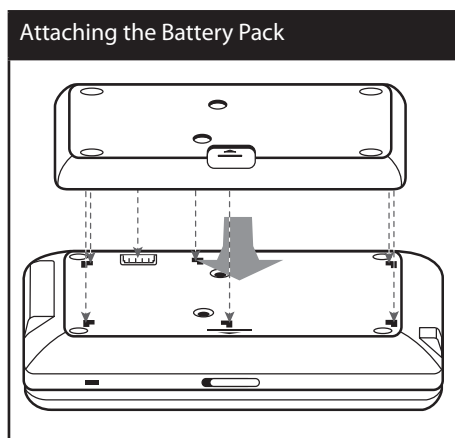
NOTE

The signal does not come out from AV OUT jack when the unit is set to [TV] mode.

Battery Pack

Attaching the Battery Pack

The following picture shows how to attach or dettach the battery pack. You can attach or dettach the battery pack as the following



Rechargeable Battery

- Its rechargeable battery provides you with the freedom to pass it around and play the files without the power cord.
- The rechargeable battery will start charging only when the unit is turned off and the AC adapter is connected to a power outlet.
- Operating time on the battery: approximately 3 hours 30 minutes
- The maximum playing time on the battery: approximately 4 hours 30 minutes
- Charging time on the battery: approximately 3 hours
- The operating time on battery may vary depending on the battery status, operational status and environment conditions.
- The battery indicator will turn red while charging. Once the charging is complete, the indicator will be changed to green.
- When the remaining time of the battery power is under a few seconds, "⚠ Check Battery" will appear on the screen.



CAUTION

The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not disassemble, heat above 60 °C (212 °F), or incinerate. Replace battery with Yoku Energy (Zhangzhou) Co. Ltd, part no. DPB575 only. Use of another battery may present a risk of fire or explosion.

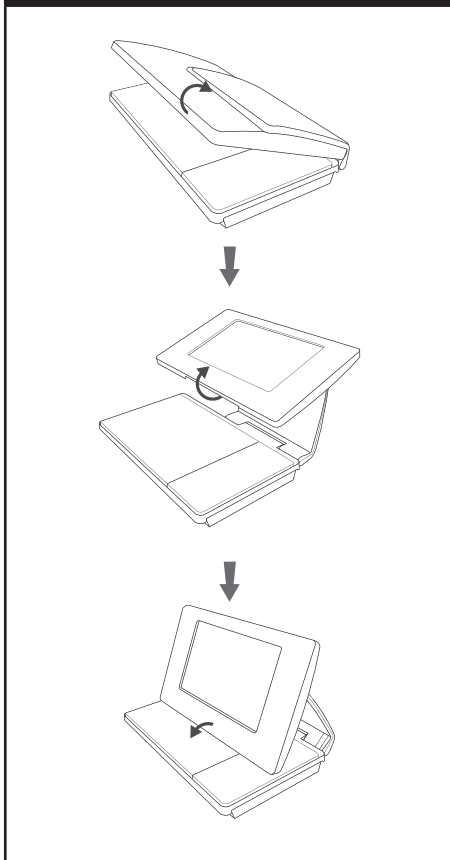
Dispose of used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.

Unfolding the LCD panel

To unfold the LCD panel, place the unit on a stable and even surface such as on a table.

- When finished using the unit, return the LCD panel to its original position.
- Do not leave the LCD panel in the face-up position, or sudden shocks may damage it.

Unfolding the LCD panel

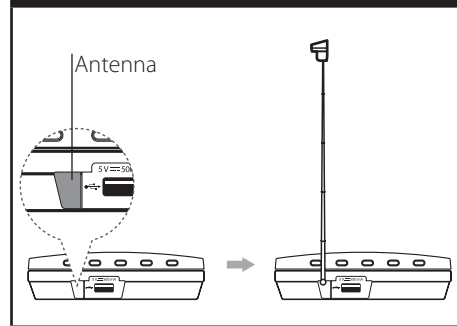


Extending the Antenna

To view the TV program, please extend the built-in antenna on the unit to its full length.

- When finished using the unit, return the antenna to its original position.

Extending the Antenna



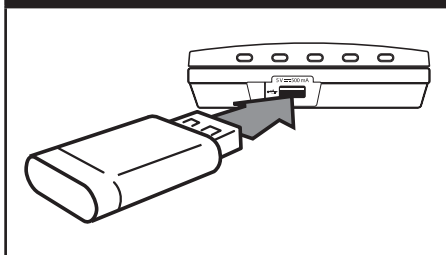
USB Flash Drive connection

This player can play video, music and photo files contained in the USB Flash Drive.

Playback content in the USB Flash Drive

1. Connect a USB Flash Drive to the USB port until it fits into place.

USB Flash Drive connection

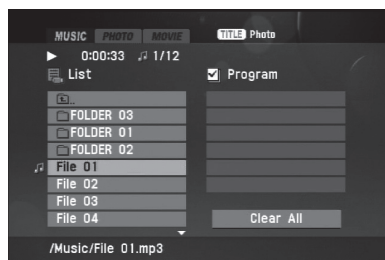


2. Press MODE.
3. Select [USB] option using ◀/▶, and press ENTER (⊙).



4. Select [MOVIE], [PHOTO] or [MUSIC] by pressing TITLE if you need.

5. Select a file using ▲/▼/◀/▶, and press PLAY or ENTER (⊙) to play the file.



6. When finished using the USB Flash Drive, withdraw the USB Flash Drive carefully.

! NOTE

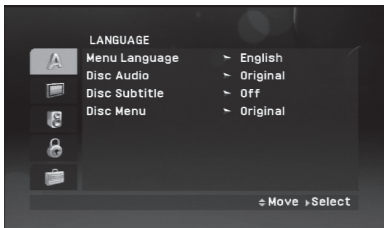
- This player supports USB flash drive FAT16 and FAT32 when accessing files (music, photo, video).
- Do not extract the USB Flash Drive during operation (play, etc.).
- A USB Flash Drive which requires additional program installation when you have connected it to a computer, is not supported.
- USB Flash Drive: USB Flash Drive that supports USB1.1 and USB2.0.
- Video, music and photo files can be played. For details of operations on each file, refer to relevant pages.
- Regular back up is recommended to prevent data loss.
- If you use a USB extension cable, USB HUB or USB Multi-reader, the USB Flash Drive may not be recognized.
- Some USB Flash Drive may not work with this unit.
- Digital camera and mobile phone are not supported.
- USB Port of the unit cannot be connected to PC. The unit cannot be used as a storage device.

Settings for DVD Player

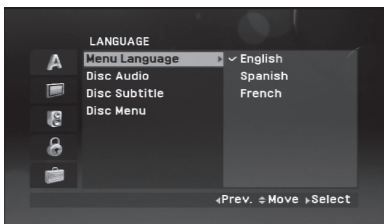
You can change the settings for the DVD player in the [Setup] menu.

Adjust the Setup Settings

1. Press MODE.
2. Select [DISC] option using ◀/▶, and press ENTER (Ⓢ).
3. Press SETUP. The [Setup] menu appears.



4. Use ▲/▼ to select the first setup option, and press ▶ to move to the second level.



5. Use ▲/▼ to select a second setup option, and press ▶ to move to the third level.



6. Use ▲/▼ to select a desired setting, and press ENTER (Ⓢ) to confirm your selection.

A [LANGUAGE] Menu

Menu Language

Select a language for the [Setup] menu and on-screen display.

Disc Audio/Disc Subtitle/Disc Menu

Select the language you prefer for the audio track (disc audio), subtitles, and the disc menu.

[Original]

Refers to the original language in which the disc was recorded.

[Other]

To select another language. Use number buttons then press ENTER (Ⓢ) to enter the corresponding 4-digit number according to the language code list on page 39.

If you make a mistake while entering number, press CLEAR then correct it.

[Off] (Disc Subtitle only)

Turn off Subtitle.



NOTE

Depending on the disc, your language setting may not work.



[DISPLAY] Menu

TV Aspect Ratio

Select which screen aspect to use based on the shape of your TV screen.

[4:3]

Select when a standard 4:3 TV is connected.

[16:9]

Select when a 16:9 wide TV is connected.

Display Mode

If [TV Aspect Ratio] option is set to [4:3], you will need to define how you would like widescreen programs and films to be displayed on your TV screen.

[Letter Box]

Displays theatrical images with masking bars above and below the picture.

[Pan Scan]

Displays pictures cropped to fill your TV screen. Both sides of the picture are cut off.



[AUDIO] Menu

DRC (Dynamic Range Control)

When a content encoded in Dolby Digital is playing back, you may wish to compress the dynamic range of the audio output (the difference between the loudest sounds and the quietest ones). This allows you to listen to a movie at a lower volume without losing clarity of sound. Set [DRC] to [On] for this effect.

Vocal

Set to [On] only when a multi-channel karaoke DVD is playing. The karaoke channels on the disc mix into normal stereo sound.



[LOCK] Menu

The [LOCK] settings affect only DVD playback.

You must set the [Area Code] option to use the lock options. Select [Area Code] option then press ►. Enter a 4-digit password then press ENTER (⊙). Enter it again then press ENTER (⊙) to verify. If you make a mistake while entering number, press CLEAR then correct it.

Rating

Blocks playback of rated DVD based on their content. (Not all discs are rated.)

[Rating 1-8]

Rating one (1) has the most restrictions and rating eight (8) is the least restrictive.

[Unlock]

If you select [Unlock], parental control is not active and the disc plays in full.

Password

You can create or change the password.

[New]

Enter a 4-digit password twice, and press ENTER (⊙) to create a new password.

[Change]

Enter the current password and press ENTER (⊙). Enter a 4-digit password twice, and press ENTER (⊙) to create a new password.

If you forget your password

If you forget your password, you can clear it using the following steps:

1. Press SETUP to display [Setup] menu.
2. Use Number buttons to enter "210499". The password is cleared.

**NOTE**

If you make a mistake before pressing ENTER (Ⓢ), press CLEAR. Then input the correct password.

Area Code

Enter the code of the area whose standards were used to rate the DVD video disc, based on the list on page 38.

**[OTHERS] Menu****B.L.E. (Black Level Expansion)**

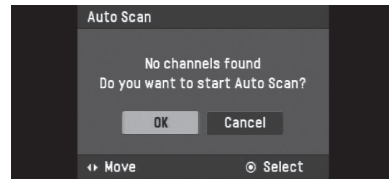
To select the black level of playback pictures, set your preference and monitor's ability.

Settings for TV Viewing

You can change the settings for TV viewing in the [Setup] menu.

When you select the TV mode for the first time.

The [Auto Scan] menu will appear when you select the TV mode for the first time. Select [OK] then press ENTER (Ⓢ) to scan and set the available channels.

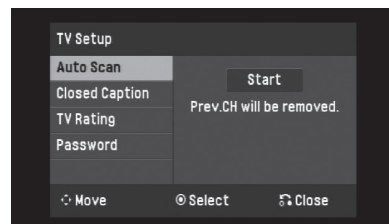


Adjust the Setup Settings

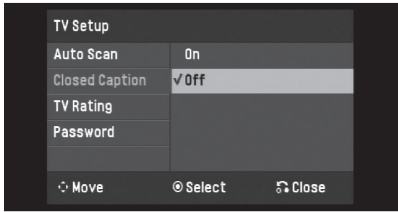
1. Press MODE.
2. Select [TV] option using ◀/▶, and press ENTER (Ⓢ).



3. Press SETUP. The [Setup] menu appears.



4. Use ▲/▼ to select a first setup option, and press ► to move to the second level.

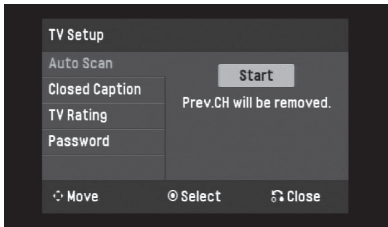


5. Use ▲/▼ to select a desired setting, and press ENTER (⊙) to confirm your selection.

Auto Scan

Automatically finds all digital channels available through the built-in antenna and stores all the active channels found.

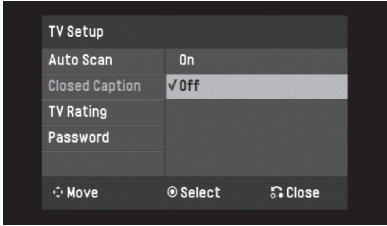
1. Extend the antenna on the unit to its full length.
2. Select [Auto Scan] option then press ►.



3. Press ENTER (⊙) while [Start] is highlighted to start auto tuning.

Closed Caption

Allows you to select an option for displaying Caption Data from the unit. Set [Closed Caption] to [On] for displaying Caption Data.

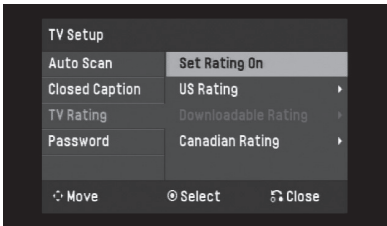


TV Rating - Set Rating On/Off

Allows you to set up specific channels and ratings through blocking schemes. Also allows you to activate or disable all of the rating schemes previously set up. A password is required to gain access to the TV Rating menus.

If the [Set Rating Off] is selected, the Channel and Program Ratings are not functional.

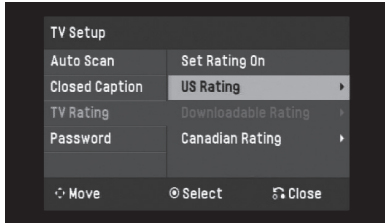
1. Select [TV Rating] option then press ►.
2. Press ENTER (⊙) while [Set Rating Off] is highlighted. It is changed to [Set Rating On].



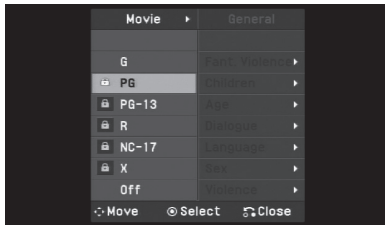
TV Rating - US Rating

Blocks TV programs that you or your family may not wish to watch, based on the rating scheme set.

1. Select [TV Rating] option then press ►.
2. Select [US Rating] option then press ►.



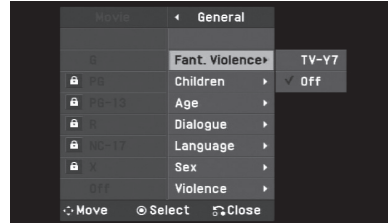
3. Enter the 4-digit password.
The menu for Movie rating selection will appear.



4. Use ▲/▼ to select a Movie rating.

Movie Rating	Description
G	General Audiences All ages admitted.
PG	Parental Guidance Suggested. Some material may not be suitable for children.
PG-13	Parents Strongly Cautioned Some material may not be appropriate for children under 13.
R	Restricted Under 17 requires accompanying parent or adult guardian.
NC-17	No one 17 and under admitted.
X	No one 17 and under admitted.

5. Press ►.
The menu for General rating selection will appear.



6. Use ▲/▼ to select an option then press ►.
7. Use ▲/▼ to select a rating then press ◀.
8. Repeat steps 6-7 to set another ratings.

General Rating	Description
TV-Y	All Children.
TV-Y7	Directed toward children age 7 and older.
TV-G	General Audience.
TV-PG	Parental Guidance Suggested.
TV-14	Parents Strongly Cautioned.
TV-MA	Mature Audience Only.

9. Press SETUP or RETURN (↵) to exit the menu.

TV Rating - Downloadable Rating

The rating information can be updated if the TV station sends the downloadable rating information.

- 1. Select [TV Rating] option then press ►.
- 2. Select [Downloadable Rating] option then press ►.
- 3. Select a rating title or TV rating then press ►.
- 4. Select a rating then press ENTER (Ⓢ).

NOTE

- If information is not downloaded from the TV station, the Downloadable Rating option is not available.
- Rating information is automatically downloaded while watching DTV channels. It may take several seconds.
- The Downloadable Rating option is available for use after rating information is downloaded from the TV station. However, depending on the information from the TV station, it may not be available for use.
- Rating levels differ depending on the broadcasting station.
- The default option name and Downloadable Rating changes depending on the downloaded information.
- The on-screen display for Downloadable Rating options will appear with a language that TV station sends.
- The rating titles (For example: Humor, etc) and TV ratings (For example: MH, H, VH, etc) may differ depending on the TV station.

TV Rating - Canadian Rating

Blocks Canadian TV program that you or your family may not wish to watch, based on the Canadian English/French Language Rating system.

- 1. Select [TV Rating] option then press ►.
- 2. Select [Canadian Rating] option then press ►.
- 3. Enter a 4-digit password.
The menu for English rating selection will appear.



- 4. Use ▲/▼ to select a English rating.

English Rating	Description
E	Exempt - Exempt programming includes: news, sports, etc.
C	Program intended for children under age 8.
C8+	Program generally considered acceptable for children 8 years and over to watch on their own.
G	General audience.
PG	Parental guidance.
14+	Program contains themes or content which may not be suitable for viewers under the age of 14.
18+	Adult program.

5. Press ►.

The menu for French rating selection will appear.



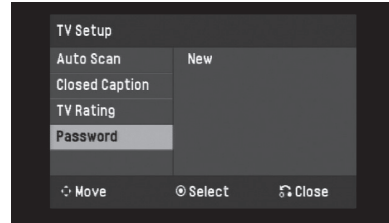
6. Use ▲/▼ to select a French rating.

French Rating	Description
E	Exempt - Exempt programming includes: news, sports, etc.
G	General - Program intended for audience of all ages.
8 ans+	Not recommended for young children.
13 ans+	Program may not be suitable for children under the age of 13.
16 ans+	Program is not suitable for children under the age of 16.
18 ans+	Program restricted to adults.

7. Press SETUP or RETURN (↵) to exit the menu.

Password

You can create or change the password.



[New]

Enter a 4-digit password twice, and press ENTER (⏻) to create a new password.

[Change]

Enter the current password and press ENTER (⏻). Enter a 4-digit password twice, and press ENTER (⏻) to create a new password.

If you forget your password

If you forget your password, you can clear it using the following steps:

1. Press SETUP to display [Setup] menu.
2. Use Number buttons to enter "210499". The password is cleared.

4

Operation

General Playback

Playing Discs

1. Open the disc lid, and place a disc on the disc tray.
2. Close the disc lid.
3. Press MODE.



5. Select [DISC] option using ◀/▶, and press ENTER (⊙).
For the most Audio CD and DVD-ROM discs, playback starts automatically.
6. Select a file using ▲/▼/◀/▶, and press PLAY (▶) or ENTER (⊙) to play the file.



NOTE

Playback functions described in this manual are not always available in every files and media. Some functions can be restricted depending on many factors.

To stop playback

Press STOP (■) while playback.

To pause playback

Press PAUSE/STEP (⏸) while playback.

Press PLAY (▶) to resume playback.

To play frame-by-frame

DVD **MOVIE**

Press PAUSE/STEP (⏸) while movie playback.

Press PAUSE/STEP (⏸) repeatedly to play Frame-by-Frame playback.

To scan forward or backward

DVD **MOVIE** **ACD** **MUSIC**

Press SCAN (◀◀ or ▶▶) to play fast forward or fast reverse during playback.

You can change the various playback speeds by pressing SCAN (◀◀ or ▶▶) repeatedly.

To slow down the playing speed

DVD **(MOVIE)** forward only)

While the playback is paused, press SCAN (◀◀ or ▶▶) repeatedly to play various speeds of slow motion.

To skip to the next/previous chapter/track/file

During playback, press SKIP (⏮ or ⏭) to go to the next chapter/track/file or to return to the beginning of the current chapter/track/file. Press SKIP (⏮) twice briefly to step back to the previous chapter/track/file.

Using the disc menu

DVD

To display the disc menu

The menu screen may be displayed first after loading a disc which contains a menu. If you want to display the disc menu while playback, press MENU.

Use ▲/▼/◀/▶ buttons to navigate through menu items.

To display the Title menu

Some DVD discs contain Title menu that appears while playback.

Press TITLE while playback, and use ▲/▼/◀/▶ buttons to navigate through menu items.

Resume playback

DVD MOVIE ACD MUSIC

The unit records the point where you pressed the STOP (■) depending on the disc.

If "■■■ (Resume Stop)" appears on the screen briefly, press PLAY (▶) to resume playback (from the scene point).

If you press STOP (■) twice or unload the disc, "■ (Complete Stop)" appears on the screen. The unit will clear the stopped point.

NOTE

The resume point may be cleared when a button is pressed (for example; POWER (⏻) etc).

Advanced Playback

Repeat Playback

Press REPEAT repeatedly to select an item to be repeated. The current title, chapter or track will be played back repeatedly. To return to normal playback, press REPEAT repeatedly to select [Off].



NOTE

- If you press ►► once during Repeat Chapter/Track/ File playback, the repeat playback cancels.
- This function may not work on some disc or title.

Repeating a specific portion

DVD MOVIE ACD

This player can repeat a portion you have selected.

1. While playback, press A-B to select [A-] at the beginning of the portion you wish to repeat.
2. Press A-B at the end of the portion. Your selected portion will be repeated continually.
3. To return to normal playback, press A-B to select [Off].



NOTE

- You cannot select a portion less than 3 seconds.
- This function may not work on some disc or title.

Hearing a different audio

DVD **MOVIE**

During playback, press press AUDIO (🔊) repeatedly to select desired audio language, audio track or audio channel.



NOTE

- Some discs allow you to change audio selections only via the disc menu. In this case, press TITLE or MENU button and choose the appropriate audio from the selections on the disc menu.
- Immediately after you have switched sound, there may be a temporary discrepancy between the display and actual sound.

Selecting a subtitle language

DVD **MOVIE**

During playback, press SUBTITLE (🗣️) repeatedly to select desired subtitle language.



NOTE

Some discs allow you to change subtitle selections only via the disc menu. If this is the case, press TITLE or MENU button and choose the appropriate subtitle from the selections on the disc menu.

Enlarging the playback image

DVD **MOVIE**

1. During playback or pause mode, press ZOOM repeatedly to select zoom mode. (100 % → 200 % → 300 % → 400 % → 100 %)
2. You can move through the zoomed picture using ▲/▼/◀/▶ buttons.
3. To return to the normal picture size, press CLEAR button.

Marker Search

DVD **MOVIE**

You can start playback from up to nine memorized points.

To enter a marker

1. While playback, press MARKER at the desired point. The Marker icon appears on the TV screen briefly.
2. Repeat step 1 to add up to nine markers.

To recall a marked scene

1. Press SEARCH and the search menu appears on the screen.
2. Press a number button to select a marker number that you want to recall. Playback starts from the marked scene.

To delete a Marker

1. Press SEARCH and the search menu appears on the screen.
2. Use ◀/▶ to select a marked scene that you want to delete.
3. Press CLEAR and the marked scene is erased from the search menu.



NOTE

- This function may not work depending on discs.
- All marked points are cleared if the title is in complete stop (■) mode, the title is changed or if you unload the disc.
- If the total length of the title is less than 10 seconds, this function is not available.

Watching from a different angle

DVD

If the disc contains scenes recorded at different camera angles, you can change to a different camera angle.

If the angle indicator appears on the screen for a moment during playback, you can select a different camera angle by pressing ANGLE () repeatedly.



NOTE

- Last Scene Memory function for a previous disc is erased once a different disc is played.
- This function may not work depending on the disc.
- This unit does not memorize settings of a disc if you switch off the unit before commencing to play it.

Playing from selected time

DVD MOVIE

1. Press DISPLAY during playback. The time search box shows the elapsed playing time.
2. Select the [Time] option and then input the required start time in hours, minutes, and seconds from left to right.

For example, to find a scene at 2 hours, 10 minutes, and 20 seconds, enter "21020".

3. Press ENTER () to start playback from selected time.



NOTE

This function may not work on some disc or titles.

Last Scene Memory

DVD ACD

This unit memorizes the last scene from the last disc that is viewed. The last scene remains in memory even if you remove the disc from the unit or switch off the unit. If you load a disc that has the scene memorized, the scene is automatically recalled.

Screen Saver

The screen saver appears when you leave the unit in Stop mode for about five minutes. If the Screen Saver is displayed for five minutes, the unit automatically turns itself off.

Playing a DVD-VR disc

This unit will play DVD-RW disc that is recorded using the Video Recording (VR) format. When you insert a disc DVD-VR disc, the menu will appear on the screen. Use / to select a title then press PLAY (). To display DVD-VR menu, press MENU or TITLE.



NOTE

- Unfinalized DVD-VR format discs may not be played in this player.
- Some DVD-VR discs are made with CPRM data by DVD RECORDER. This unit cannot support these kinds of discs.

What is CPRM?

CPRM is a copy protection system (with scramble system) only allowing the recording of 'copy once' broadcast programs. CPRM stands for Content Protection for Recordable Media.

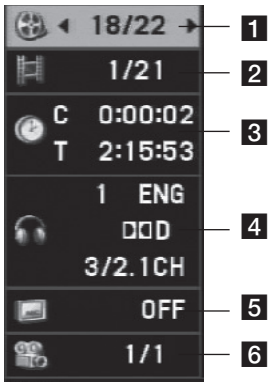
On-Screen display

You can display and adjust various information and settings about the content.

Displaying content information on-screen

DVD **MOVIE**

1. While playback, press DISPLAY to show various playback information.



- 1** Title – current title number/total number of titles
- 2** Chapter – current chapter number/total number of chapters
- 3** Time – elapsed playing time/total playback time
- 4** Audio – selected audio language or channel
- 5** Subtitle – selected subtitle.
- 6** Angle – selected angle/total number of angles

2. Select an option using ▲/▼.
3. Use ◀/▶ to adjust the selected option value.
4. Press DISPLAY to exit the On-Screen display.

! NOTE

- If no button is pressed for a few seconds, the on-screen display disappears.
- A title number cannot be selected on some discs.
- Available items may differ depending on discs or titles.

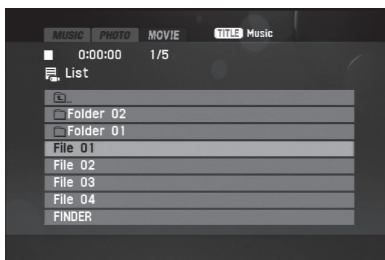
Playing a video file

You can play video files contained in a disc/USB Flash Drive.

1. Insert a disc or connect USB Flash Drive.
2. Press MODE.
3. Select [DISC] or [USB] option using ◀/▶, and press ENTER (⊙).



4. Select [MOVIE] by pressing TITLE repeatedly if you need.
5. Select a file using ▲/▼, and press PLAY (▶) or ENTER (⊙) to play the file.



NOTE

- The file compatibility are described on page 10.
- You can use various playback functions. Refer to pages 26-29.

Changing subtitle code page

MOVIE

If the subtitle is not displayed properly, you can change the subtitle code page to view the subtitle file properly.

1. Press and hold SUBTITLE (⌨) for 3 seconds during playback.
2. Use ◀/▶ to select another language code until the subtitle is displayed properly and then press ENTER (⊙).

Viewing a photo

You can view photo files using this player.

1. Insert a disc or connect USB Flash Drive.
2. Press MODE.
3. Select the [DISC] or [USB] option using $\blacktriangle/\blacktriangleright$, and press ENTER (⊙).



4. Select [PHOTO] by pressing TITLE repeatedly if you need.
5. Select a file using $\blacktriangle/\blacktriangledown$, and press ENTER (⊙).
Displays the selected file in full screen:



NOTE

- The file compatibility are described on page 10.

To play a slide show

Use $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ to highlight "🎵" icon then press ENTER (⊙) to start slide show.

You can change the slide show speed using $\blacktriangleleft/\blacktriangleright$ when "🎵" icon is highlighted.

To stop a slide show

Press STOP (■) while slide show.

To pause a slide show

Press PAUSE/STEP (⏸) while slide show.

Press PLAY (▶) to re-start the slide show.

To skip to the next/previous photo

While viewing a photo in full screen, press SKIP (⏮ or ⏭) to go to the previous or next photo.

Rotate a photo

Use $\blacktriangle/\blacktriangledown$ to rotate the photo in full screen counter clockwise or clockwise while viewing a photo in full screen.

Watching a enlarged photo image

While viewing a photo in full screen, press ZOOM repeatedly to select zoom mode. You can move through the zoomed photo using $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ buttons. Press CLEAR to exit.

Listening to music during slide show

You can listen to music during slide show, if the media contain music and photo files together. Use $\blacktriangle/\blacktriangledown/\blacktriangleleft/\blacktriangleright$ to highlight "🎵" icon then press ENTER (⊙) to start slide show.

Listening to music

The player can play Audio CDs and audio files.

1. Insert a disc or connect USB Flash Drive.
2. Press MODE.
3. Select the [DISC] or [USB] option using $\blacktriangle/\blacktriangleright$, and press ENTER (⊙).



4. Select a music file or audio track using $\blacktriangle/\blacktriangledown$, and press ENTER (⊙) to play the music.



NOTE

- The file compatibility are described on page 10.
- You can use various playback functions. Refer to pages 26-29.

Playing in random order

During playback or in stop mode, press RANDOM for playback in random order. Press RANDOM again to return to normal playback.

Displaying file information (ID3 TAG)

While playing a MP3 file containing file information, you can display the information by pressing DISPLAY repeatedly.



NOTE

This function is available only when playing the MP3 file recorded on the disc

Creating your own program

You can play the musics in the order you want by arranging the order of the musics.

1. To add a music(s) on the [Program] list, press PROG. to enter the program edit mode (E mark appears on the menu).
 2. Select a desired music on the [List] then press ENTER (⊙) to add the music to the [Program] list.
 3. Select a music from the [Program] list then press ENTER (⊙) to start programmed playback.
- To clear a music from the [Program] list, select the music you want to clear then press CLEAR in program edit mode.
 - To clear all music from the [Program] list, select [Clear All] then press ENTER (⊙) in program edit mode.



NOTE

The program is cleared when the disc is removed or the unit is turned off.

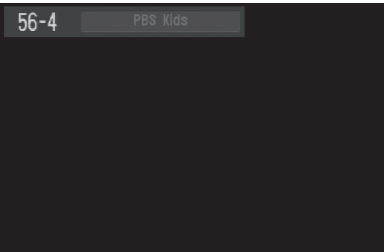
Viewing the TV Program

You can view the TV program through the built-in Mobile Digital Television tuner.

- 1. Extend the built-in antenna on the unit to its full length.
- 2. Press MODE.
- 3. Select the [TV] option using ◀/▶, and press ENTER (Ⓢ).



- 4. Select a channel using CH +/-.



Channel List

You can select channels using the Channel List menu.

- 1. Press CH. LIST to display [TV-Channel List] or [Radio-Channel List] menu.



- 2. Use CH. LIST to toggle display between [TV-Channel List] or [Radio-Channel List] menu.
- 3. Use ▲/▼ to select a channel then press ENTER (Ⓢ).

NOTE

You can set a preset channel to be skipped channel, use ▲/▼/◀/▶ to highlight [] icon then press ENTER (Ⓢ) to display [] icon. The skipped channel cannot be selected using CH (+/-) buttons.

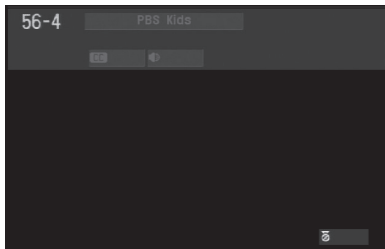
Channel Selection

You can select channels as described below.

- Use Number (0-9) and – (dash) buttons to select a channel directly.
- Use CH +/- on the Remote Control or ▲/▼ on the main unit to select a channel through the channels in memory.

Program Information Display

The Information Display appears if you press the DISPLAY button on the remote control while viewing a program.



The Program Information shows items listed below.

- Channel Number
- Station Name
- Program Title
- Closed Caption Icon (CC)
Indicates that the current program contains Caption Data Service.
- Multilingual Icon (🗣️)
Indicates that multiple audio tracks are available. You can select an alternate audio language track with AUDIO (🔊) button.
- TV Rating
Indicates the TV rating value of program.
- Signal strength
You can view the signal strength bar to help you adjust the antenna to the correct direction for your location.



NOTE

Program Informations are displayed only if they are provided by broadcaster.

5

Maintenance

Notes on Discs

Handling Discs

Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints do not get on the surface. Never stick paper or tape on the disc.

Storing Discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat and never leave it in a parked car exposed to direct sunlight.

Cleaning Discs

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center to out.

Do not use strong solvents such as alcohol, benzene, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

Handling the Unit

When shipping the unit

Please save the original shipping carton and packing materials. If you need to ship the unit, for maximum protection, re-pack the unit as it was originally packed at the factory.

Keeping the exterior surfaces clean

- Do not use volatile liquids such as insecticide spray near the unit.
- Wiping with strong pressure may damage the surface.
- Do not leave rubber or plastic products in contact with the unit for a long period of time.

Cleaning the unit

To clean the player, use a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a mild detergent solution. Do not use strong solvents such as alcohol, benzene, or thinner, as these might damage the surface of the unit.

Maintaining the Unit

The unit is a high-tech, precision device. If the optical pick-up lens and disc drive parts are dirty or worn, the picture quality could be diminished. For details, please contact your nearest authorized service center.

6

Troubleshooting

Troubleshooting

Symptom	Cause & Solution
The Power does not turned on.	- Plug the power cord into the wall outlet securely. - The battery is discharged. Recharge the battery.
The unit does not start playback.	- Insert a playable disc. (Check the disc type, color system, and regional code.) - Place the disc with the playback side down. - Place the disc on the disc tray correctly inside the guide. - Clean the disc. - Cancel the Rating function or change the rating level.
There is no picture.	- Select the appropriate video input mode on the TV so the picture from the unit appears on the TV screen. - Connect the video connection securely.
There is no sound or the sound is distorted.	- Connect the audio connection securely. - The unit is in scan, slow motion, or pause mode. - The sound volume is low.
The angle cannot be changed.	Multi-angles are not recorded on the DVD Video being played.
Cannot play video, photo or audio files.	- The files are not recorded in a format that the unit can play. - The unit does not support the codec of the video file.
Cannot view the TV Program.	The antenna signal strength may be low. Check the signal strength and adjust the antenna location and direction.
The remote control does not work properly.	- The remote control is not pointed at the remote sensor of the unit. - The remote control is too far from the unit. - There is an obstacle in the path of the remote control and the unit. - The batteries in the remote control are exhausted.

7

Appendix

Area Code List

Choose an area code from this list.

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

Language code List

Use this list to input your desired language for the following initial settings: [Disc Audio], [Disc Subtitle] and [Disc Menu].

Language	Code	Language	Code	Language	Code	Language	Code
Afar	6565	French	7082	Lithuanian	7684	Sindhi	8368
Afrikaans	6570	Frisian	7089	Macedonian	7775	Singhalese	8373
Albanian	8381	Galician	7176	Malagasy	7771	Slovak	8375
Ameharic	6577	Georgian	7565	Malay	7783	Slovenian	8376
Arabic	6582	German	6869	Malayalam	7776	Spanish	6983
Armenian	7289	Greek	6976	Maori	7773	Sudanese	8385
Assamese	6583	Greenlandic	7576	Marathi	7782	Swahili	8387
Aymara	6588	Guarani	7178	Moldavian	7779	Swedish	8386
Azerbaijani	6590	Gujarati	7185	Mongolian	7778	Tagalog	8476
Bashkir	6665	Hausa	7265	Nauru	7865	Language	Code
Basque	6985	Hebrew	7387	Nepali	7869	Tajik	8471
Bengali; Bangla	6678	Hindi	7273	Norwegian	7879	Tamil	8465
Bhutani	6890	Hungarian	7285	Oriya	7982	Telugu	8469
Bihari	6672	Icelandic	7383	Panjabi	8065	Thai	8472
Breton	6682	Indonesian	7378	Pashto, Pushto	8083	Tonga	8479
Bulgarian	6671	Interlingua	7365	Persian	7065	Turkish	8482
Burmese	7789	Irish	7165	Polish	8076	Turkmen	8475
Byelorussian	6669	Italian	7384	Portuguese	8084	Twi	8487
Chinese	9072	Japanese	7465	Quechua	8185	Ukrainian	8575
Croatian	7282	Kannada	7578	Rhaeto-Romance	8277	Urdu	8582
Czech	6783	Kashmiri	7583	Rumanian	8279	Uzbek	8590
Danish	6865	Kazakh	7575	Russian	8285	Vietnamese	8673
Dutch	7876	Kirghiz	7589	Samoan	8377	Volapük	8679
English	6978	Korean	7579	Sanskrit	8365	Welsh	6789
Esperanto	6979	Kurdish	7585	Scots Gaelic	7168	Wolof	8779
Estonian	6984	Laothian	7679	Serbian	8382	Xhosa	8872
Faroese	7079	Latin	7665	Serbo-Croatian	8372	Yiddish	7473
Fiji	7074	Latvian, Lettish	7686	Shona	8378	Yoruba	8979
Finnish	7073	Lingala	7678			Zulu	9085

Specifications

General

Power requirements:	DC 12 V $\pm$ 2 A
Dimensions (W x H x D):	Approx. 237 mm x 54 mm x 149 mm (9.3 x 2.1 x 5.9 inches) with battery pack
Net Weight (Approx.):	Approx. 1.2 kg (2.7 lbs) with battery pack
Operating temperature:	0 °C to 40 °C (32 °F to 104 °F)
Operating humidity:	5 % to 90 %

Connectors

Audio/Video Output:	ø3.5 mm mini jack x 1 Video: 1.0 V (p-p), 75 Ω , sync negative Audio: 2.0 Vrms (1 kHz, 0 dB)
USB Port:	4 pin (USB 2.0 / 1.1 standard)
Earphone terminal	ø3.5 mm stereo mini jack x 2

Liquid Crystal Display

Panel size	17.8 cm (diagonal)
Projection system	R.G.B. stripe
Driving system	TFT active matrix
Resolution	480 x 234 (WQVGA)

System

Laser:	Semiconductor laser
TV system:	Tuner Type: ATSC-M/H Frequency Range: VHF L (57 to 85 MHz), VHF H (177 to 213 MHz), UHF (473 to 803 MHz)
Signal system:	Standard NTSC color TV system
Bus Power Supply (USB):	DC 5 V $\pm$ 500 mA

- Design and specifications are subject to change without notice.



LG Electronics, Inc. Limited Warranty - USA

This LG Electronics product, will be repaired or replaced, at LG's option, if it proves to be defective in material or workmanship, under normal use, during the warranty period ("Warranty Period") listed below, effective from the date ("Date of Purchase") of original consumer purchase of the product. This warranty is good only to the original purchaser of the product and effective only when used in the United States, excluding U.S. Territories.

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- Damages or operating problems that result from shipping, installation, adjustment of user controls, calibration, maintenance or failure to maintain, or separate system components; and
- Damages or operating problems that result from normal wear and tear, misuse, abuse, operation outside environmental specifications or contrary to the requirements or precautions in the Operating Guide, accident, lightning strikes or other natural causes, unauthorized modification or alteration, incorrect electrical current or voltage, reception problem caused by inadequate home antenna or faulty antenna connections, computer software, institutional or commercial use, or other causes not arising out of defect in material or workmanship.

Therefore, the cost of repair or replacement of such defective product shall be borne by the consumer.
CUSTOMER INTER-ACTIVE CENTER NUMBERS:

For nearest Authorized Service Center, Where to buy, Product Assistance, or Customer Assistance	Call 1-800-243-0000 (24 hours a day, 365 days per year) and select appropriate options from the menu. Or visit our web site at http://us.lgservice.com
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LG ELECTRONICS U.S.A., INC.
1000 SYLVAN AVENUE
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LG Customer Information Center

1-800-243-0000 USA, Consumer
1-888-865-3026 USA, Commercial

Register your product Online!

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