

DM2730 (DM2730, DMS2730V)





Safety Information



CAUTION RISK OF ELECTRIC SHOCK



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

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.

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.

Notes on Copyrights

- 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, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi. 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, video tapes, BD-ROM discs, DVDs, CDs and other materials may subject you to civil and/ or criminal liability.







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Unique Features

Portable In

Listens to music from your portable device. (MP3, Notebook, etc)

USB Direct Recording

Records music from CD to your USB device.

Full HD up-scaling

Views Full HD picture quality with simple setup.

iPod/iPhone

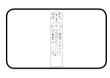
Listens to music from your iPod/iPhone device.

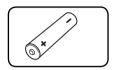
Bluetooth

Listens to music stored on your Bluetooth device.

Accessories

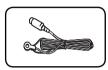
Please check and identify the supplied accessories.

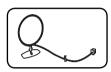




Remote control (1)

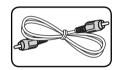
Battery (1)

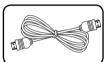




FM antenna (1)

Antena AM (1)





Video cable (1)

HDMI cable (1)







Introduction

Playable Discs

This unit plays DVD±R/RW and CD-R/RW that contains audio titles, DivX, MP3, WMA and/or JPEG files. Some DVD±RW/DVD±R or CD-RW/CD-R cannot be played on this unit due to the recording quality or physical condition of the disc, or the characteristics of the recording device and authoring software.



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.



DVD-RW (8 cm / 12 cm disc)

Video mode and finalized only.



DVD+R: Video mode only Supports the double layer disc also.



DVD+RW (8 cm / 12 cm disc)

Video mode and finalized only.



Audio CD: Music CDs or CD-R/CD-RW in music CD format that can be purchased.

About the "⊘" Symbol Display

"Ø" 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

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



Indicates special notes and operating features.



Indicates tip and hints for making the task easier.



Indicates cautions for preventing possible damages from abuse.

Regional Codes

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





Playable file Requirement

MP3/ WMA music file requirement

MP3/ WMA file compatibility with this unit is limited as follows:

- Sampling frequency: within 32 to 48 kHz (MP3), within 32 to 48 kHz (WMA)
- Bit rate: within 32 to 320 kbps (MP3), 40 to 192 kbps (WMA)
- Support Version: v2, v7, v8, v9
- Maximum files: Under 999
- File extensions : ".mp3"/ ".wma"
- CD-ROM file format: ISO9660/ JOLIET
- We recommend that you use Easy-CD Creator, which creates an ISO 9660 file system.
- 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 File System, you cannot use it on LG players. (Mastered/ Live File System: Disc format system for Windows Vista)

Photo file requirement

Photo file compatibility with this unit is limited as follows:

- Max pixel in width: 2760 x 2048 pixel
- Maximum files: Under 999
- Some discs may not operate due to a different recording format or the condition of disc.
- File extensions: ".jpg"
- CD-ROM file format: ISO9660/ JOLIET

file requirement

DivX file compatibility with this unit is limited as follows:

- Available resolution: within 800 x 600 (W x H) pixels.
- The file name of the DivX subtitle should be entered within 45 characters.
- If there is impossible code to express in the DivX file, it may be displayed as "_" mark on the display.
- Frame rate: less than 30 fps.
- If the video and audio structure of recorded files is not interleaved, either video or audio is outputted.
- Playable DivX file: ".avi", ".mpg", ".mpeg", ".divx"
- Playable Subtitle format: SubRip (*.srt/*.txt), SAMI (*.smi), SubStation Alpha (*.ssa/*.txt), MicroDVD (*.sub/*.txt), SubViewer 2.0 (*.sub/ *.txt), Vobsub (*.sub)
- Playable Codec format: "DIVX3.xx", "DIVX4.xx", "DIVX5.xx", "MP4V3", "3IVX".
- Playable Audio format: "AC3", "PCM", "MP3", "WMA".
- Sampling frequency: within 32 to 48 kHz (MP3), within 32 to 48 kHz (WMA)
- Bit rate: within 32 to 320 kbps (MP3), 40 to 192 kbps (WMA)
- For Discs formatted in Live file system, you can not it on this unit.
- If the name of movie file is different from that of the subtitle file, during playback of a DivX file, subtitle may not be display.
- If you play a DivX file differ from DivXspec, it may not operate normally.

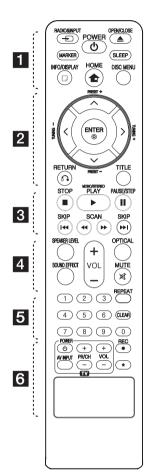








Remote control



Battery Installation



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

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• RADIO&INPUT: Changes input sources.

MARKER: Marks play list.

DOWER: Switches the unit ON or OFF

△ OPEN/CLOSE: Ejects or insert the disc from slot loader.

SLEEP: Sets the System to turn off automatically at a specified time. (Dimmer: The display window will be darken by half.)

☐ **INFO/DISPLAY:** Accesses On-Screen Display.

HOME: Displays the [Home Menu].

DISC MENU: Accesses the menu on a DVD disc.

PRESET +/-: Selects programme of Radio.

TUNING -/+: Tunes in the desired radio station.

© ENTER: Acknowledges menu selection.

Presetting the radio stations.

RETURN: Moves backwards in the menu or exits the setup menu.

TITLE: If the current DVD title has a menu, the title menu appears on the screen. Otherwise, the disc menu may not appear.

◄◄/▶► SCAN: Searches backward or forward.

■ STOP: Stops playback.

► PLAY, MONO/STEREO: Starts playback. Selects Mono/ Stereo.

II PAUSE/STEP: Pauses playback.

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SPEAKER LEVEL: Sets the sound level of desired speaker.

SOUND EFFECT: Selects a sound effect mode.

VOL +/- (Volume): Adjusts speaker volume.

OPTICAL: Changes input source to optical directly.

MUTE: Mutes the sound.

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

CLEAR: Removes a number when setting the password.

REPEAT: Selects a play mode. (Repeat/ Random)

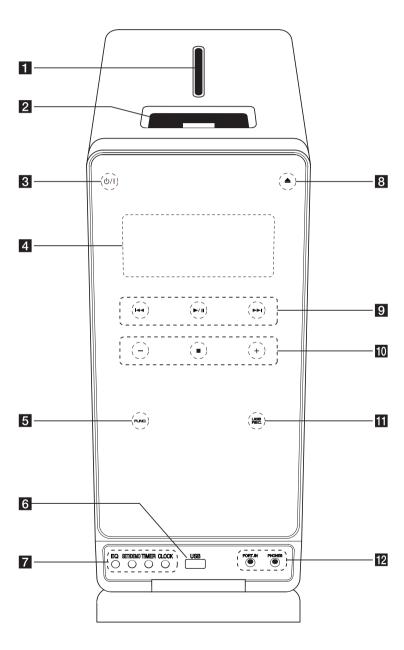
TV Control buttons: Controls the TV. (LG TV only)

- You can control the sound level, input source, and power switching of LG TVs as well.
 Hold POWER (TV) and press PR/CH (+/-) button repeatedly until the TV turns on or off.
- REC: USB Direct Recording.
- ***:** This button is not available.





Front panel









Disc Slot

- 2 iPod dock
- 3 (b/l (POWER) Switches the unit ON or OFF.
- 4 Display window
 Shows the current status of the unit.
- **5 FUNC.** (FUNCTION)
 Changes the input source or function.
- 6 USB Port
 - Connects an USB device.
- You can choose fixed sound impression.

SET/ DEMO

Confirms the setting. /Press **DEMO** in power off state to demonstrate the function on display window. To cancel it, press **DEMO** again.

TIMER

With the TIMER function you can turn USB, CD play and TUNER reception on or off at a desired time.

CLOCK

For setting the clock and checking the time.

Ejects or insert the disc from slot loader.

9 I◀◀/▶► (Skip/Search):

Goes to next or previous file/track/chapter. Searches backward or forward (Press and hold) Tunes in the desired radio station.

►/II (PLAY / PAUSE)

Starts playback.

Pauses playback temporarily, press again to exit pause mode.

10 -/+ (VOLUME)

Adjusts speaker volume.

(STOP)

Stops playback.

II USB REC.

Recoding to USB.

PORT. IN

Connects to a portable player with audio outputs.

PHONES

Headphone jack

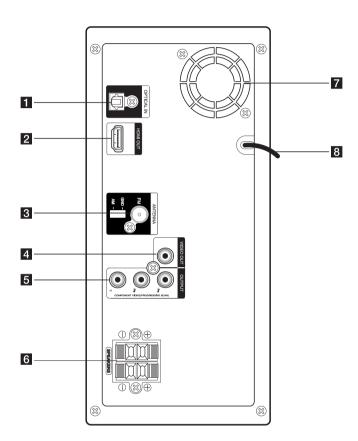


Precautions in using the touch buttons

- Use the touch buttons with clean and dry hands.
 - In a humid environment, wipe out any moisture on the touch buttons before using.
- Do not press the touch buttons hard to make it work.
 - If you apply too much strength, it can damage the sensor of the touch buttons.
- Touch the button that you want to work in order to operate the function correctly.
- Be careful not to have any conductive material such as metallic object on the touch buttons. It can cause malfunctions.



Rear panel



- 1 OPTICAL IN Connects to optical audio equipment.
- 2 HDMI OUT Connects to TV with HDMI inputs. (Interface for digital audio and video)
- 3 Antenna Connector FM- Connects the FM wired antenna AM- CConnect the AM loop antenna
- 4 VIDEO OUT
 Connects to a TV with video inputs.

- 5 COMPONENT VIDEO (Y PB PR)OUTPUT (PROGRESSIVE SCAN) Connects to a TV with Y PB PR inputs.
- 6 Speakers connectors Connects the speaker cables.
- 7 Cooling Fan
- 8 Power cord

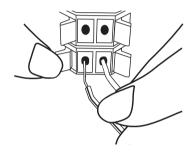






To connect the cable to the unit, press each plastic finger pad to open the connection terminals on the unit. Insert the wire and release the finger pad.

Connect the black stripe of each wire to the terminals marked - (minus) and the other end to the terminals marked + (plus).





- The speakers contain magnet parts, so color irregularity may occur on the TV screen or PC monitor screen. Please use the speakers far away from either TV screen or PC monitor.
- Make sure to install the speaker with other people in order to prevent it from falling and causing injuries to the installer.

Connections to Your TV

Make one of the following connections, depending on the capabilities of your existing equipment.



- Depending on your TV and other equipment you wish to connect, there are various ways you could connect the player. Use only one of the connections described in this manual.
- Please refer to the manuals of your TV, Stereo System or other devices as necessary to make the best connections.



Caution

- Make sure the unit is connected directly to the TV. Tune the TV to the correct video input channel
- Do not connect your player via your VCR.
 The image could be distorted by the copy protection system.





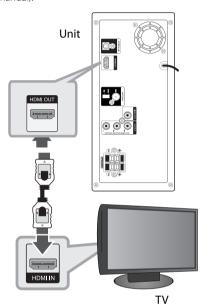




HDMI Out Connection

If you have a HDMITV or monitor, you can connect it to this unit using a HDMI cable (Type A, High Speed HDMI[™] cable).

Connect the HDMI OUT iack on the unit to the HDMI IN jack on a HDMI compatible TV or monitor. Set the TV's source to HDMI (refer to TV's Owner's manual).





Tip

- You can fully enjoy digital audio and video signals together with this HDMI connection.
- When you use HDMI connection, you can change the resolution for the HDMI output. (Refer to "Resolution" on page 15.)

Note

- If a connected HDMI device does not accept the audio output of the unit, the HDMI device's audio sound may be distorted or may not output.
- When you connect a HDMI or DVI compatible device make sure of the following:
 - Try switching off the HDMI/DVI device and this unit. Next, switch on the HDMI/DVI device and leave it for around 30 seconds. then switch on this unit.
 - The connected device's video input is set correctly for this unit.
 - The connected device is compatible with 720 x 480i (or 576i), 720 x 480p (or 576p), 1280 x 720p, 1920 x 1080i or 1920 x 1080p video input.
- Not all HDCP-compatible HDMI or DVI devices will work with this unit.
 - The picture will not be displayed properly with non-HDCP device.
 - This unit does not playback and TV screen is changed to black or green screen or the snow noise may occur on the screen.
- If there is noise or lines on the screen, please check the HDMI cable and usea higher version cable than High Speed HDMI™ cable.

Caution

- Changing the resolution when the connection has already been established may result in malfunctions. To solve the problem, turn off the unit and then turn it on again.
- When the HDMI connection with HDCP is not verified, TV screen is changed to black or green screen or the snow noise may occur on the screen. In this case, check the the HDMI connection, or disconnect the HDMI cable.





Some functions of this unit are controlled by the TV's remote control when this unit and LGTV's with SIMPLINK are connected through HDMI connection.

Controllable functions by LG TV's remote control; Play, Pause, Scan, Skip, Stop, Power Off, etc.

Refer to the TV owner's manual for the details of SIMPLINK function.

LG TV's with SIMPLINK function has the logo as shown above.



Note

Depending on the disc type or playing status, some SIMPLINK operation may differ from your purpose or not work.

Resolution Setting

The unit provides several output resolutions for HDMI OUT and COMPONENT VIDEO OUT jacks. You can change the resolution using [Setup] menu.

- 1. Press the HOME.



- Use **Λ/V** to select [Display] option then press
 ➤ to move to the second level.
- 4. Use **∧/V** to select the [Resolution] option then press **>** to move to the third level.
- 5. Use Λ/V to select the desired resolution then press \odot **ENTER** to confirm your selection.



If your TV does not accept the resolution you have set on the player, you can set resolution to 480p (or 576p) as follows:

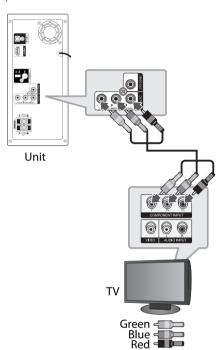
Press **STOP** for more than 5 seconds.



Component Video Connection

Connect the COMPONENT VIDEO OUTPUT (PROGRESSIVE SCAN) jacks on the unit to the corresponding input jacks on the TV using component cables.

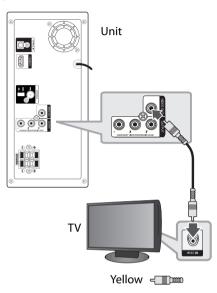
You can hear the sound through the system's speakers.



Video Connection

Connect the VIDEO OUT jack on the unit to the video in jack on the TV using a video cable.

You can hear the sound through the system's speakers.



Video Output Resolution

Displayed resolution in display window and outputted resolution may different according to connection type.

[HDMI OUT]: 1080p, 1080i, 720p and 480p (or 576p) and 480i (or 576i)

[COMPONENT VIDEO OUT]: 480p (or 576p) and 480i (or 576i)

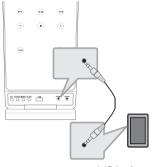
[VIDEO OUT]: 480i (or 576i).

•

Optional Equipment Connection

AUDIO (PORT. IN) In Connection

Connect an output of portable device (MP3 or PMP etc) to the AUDIO (PORT. IN) input connector.



MP3 player, etc...

Listening to music from your portable player or external device

The unit can be used to play the music from many types of portable player or external devices.

- Connect the portable player to the PORT.IN(PORTABLE IN) connector of the unit.
- 2. Turn the power on by pressing (I) (**POWER**).
- 3. Select the PORTABLE function by pressing **→ RADIO&INPUT.**
- 4. Turn on the portable player or external device and start it playing.

USB Connection

Connect the USB port of USB Memory (or MP3 player, etc.) to the USB port on the front of the unit.





Not

Removing the USB Device from the unit

- 1. Choose a different function mode or press
 - STOP twice in a row.
- 2. Remove the USB device from the unit.

You can only recharge your iPod through USB port. To listen to music on iPod, refer to the page 32.

Compatible USB Devices

- MP3 Player : Flash type MP3 player.
- USB Flash Drive : Devices that support USB2.0 or USB1.1.
- The USB function of this unit does not support some USB devices.

USB device requirement

- Devices which require additional program installation connected to a computer, are not supported.
- Do not extract the USB device while in operation.
- For a large capacity USB, it may take longer than a few minute to be searched.
- To prevent data loss, back up all data.
- If you use a USB extension cable or USB hub, the USB device is not recognized.
- Using NTFS file system is not supported. (Only FAT(16/32) file system is supported.)
- This unit is not supported when the total number of files is 1 000 or more.
- External HDD, Card readers, Locked devices, or hard type usb devices are not supported.
- USB port of the unit cannot be connected to PC. The unit can not be used as a storage device.

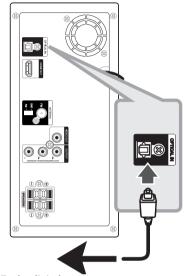






OPTICAL In connection

Connect an optical output of Unit (or Digital Device etc) to the OPTICAL IN connector.



To the digital optical output jack of your component

Speaker ez setup

Listen to sound from TV, DVD and Digital Device with 2 ch mode. Even in power off mode, if you press **OPTICAL**, then power is on and automatically changed to AUX OPT mode.

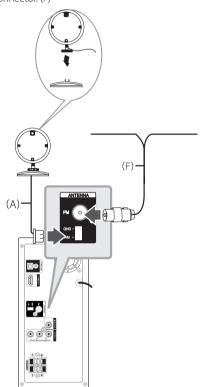
- 1. Connect the unit's OPTICAL IN jack to jack on optical out of your TV (or Digital Device etc.).
- Select the AUX OPT by using the **OPTICAL**. To select the AUX OPT directly.
- 3. Listen sound with 2 ch speaker.
- 4. To escape from AUX OPT by using the **OPTICAL**. Function is retuned to previous one.

Antenna Connection

Connect the supplied FM/ AM antenna for listening to the radio.

Connect the AM loop antenna to the AM antenna connector. (A)

Connect the FM wire antenna to the FM antenna connector. (F)





- To prevent noise pickup, keep the AM Loop antenna away from the unit and other components.
- Be sure to fully extend the FM wire antenna.
 After connecting the FM wire antenna, keep it horizontal.



By using the Setup menu, you can make various adjustments to items such as picture and sound.

You can also set a language for the subtitles and the Setup menu, among other things. For details on each Setup menu item, see pages 19 to 21.

OSD Initial language settings - Optional

During the first use of this unit, the initial language setup menu appears on your TV screen. You must complete initial language selection before using the unit. English will be selected as the initial language.

1. Press (b) (**POWER**) to turn the unit on. The language setup menu will appear on the screen.



Use ∧ V <> to select a language then press
 ● ENTER.

The confirm menu will appear.



3. Use **<>** to select the [Enter] then press **⊙ ENTER** to finish the language setup.

To display and exit the Setup menu

Press HOME.
 Displays the [Home Menu].



- 2. Select an [Setup] by using < >.
- 3. Press **© ENTER**. Displays the [Setup].
- 4. Press **THOME** or **RETURN** to exit in the [Setup] Menu.

About help menu for Setup

Menu	Buttons	Operation			
▲▼ Move	۸۷	Moving to another menu.			
⋖ Move	<	Moving to previous level.			
► Move	>	Moving to next level or selecting menu.			
් Close	ℰ Դ RETURN	To exit the [Setup] menu.			
⊙ Select	● ENTER	To confirm menu.			





Language

Menu Language

Select a language for the Setup menu and then 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, press numeric buttons and then **© ENTER** to enter the corresponding 4-digit number according to the language code list on the page 39. If you enter the wrong language code, press **CLEAR**.

[Off (for Disc Subtitle)]

Turn off Subtitle.

Display

TV Aspect

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

The Display Mode setting works only when the TV Aspect mode is set to 4:3.

[Letterbox]

Displays a wide picture with bands on the upper and lower portions of the screen.

[Panscan]

Automatically displays the wide picture on the entire screen and cuts off the portions that do not fit. (If the disc/file is not compatible with Pan Scan, the picture is displayed at Letterbox ratio.)

Resolution

Sets the output resolution of the Component and HDMI video signal. Refer to "Resolution Setting" for details about the resolution (page 15).

[Auto]

If the HDMI OUT jack is connected to TVs providing display information (EDID), automatically selects the resolution best suited to the connected TV. If the COMPONENT VIDEO OUT is only connected, this changes the resolution to 480i (or 576i) as default resolution.

[d0801]

Outputs 1080 lines of progressive video.

[1080i]

Outputs 1080 lines of interlaced video.

[720p]

Outputs 720 lines of progressive video.

[480p (or 576p)]

Outputs 480 (or 576) lines of progressive video.

[480i (or 576i)]

Outputs 480 (or (576) lines of interlaced video.





Audio

DRC (Dynamic Range Control)

Make the sound clear when the volume is turned down (Dolby Digital only). Set to [On] for this effect.

Vocal

Select [On] to mix karaoke channels into normal stereo.

This function is effective for multi-channel karaoke DVDs only.

HD AV Sync

Sometimes Digital TV encounters a delay between picture and sound. If this happens you can compensate by setting a delay on the sound so that it effectively 'waits' for the picture to arrive: this is called HD AV Sync. Use ΛV (on the remote control) to scroll up and down through the delay amount, which you can set at anything between 0 and 300ms.

Lock (Parental Control)

Initial Setting the Area Code:

When you use this unit for the first time, you have to set the Area Code.

- 1. Select the [Lock] menu and then press >.
- 3. Select the first character using ΛV buttons.
- Press **⊙** ENTER and select the second character using **∧V** buttons.
- 5. Press **© ENTER** to confirm your Area code selection.

Rating

Blocks playback of rated DVDs based on their contents. Not all discs are rated.

- Select [Rating] on the [Lock] menu then press
- 2. Input a password and press **© ENTER**.
- Select a rating from 1 to 8 using the AV buttons.

[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.

4. Press **© ENTER** to confirm your rating selection.



Password

You can enter or change password.

- 1. Select [Password] on the [Lock] menu and then press >.
- 2. Press **© ENTER**.
- 3. Input a password and press **© ENTER**. To change the password, press **© ENTER** when the [Change] option is highlighted. Input a password and press **© ENTER**. Enter it again and press **© ENTER** to verify.
- 4. Press **\Phi HOME** to exit the menu.



Note

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

- 1. Select the [Setup] menu on the [Home Menul.
- 2. Input the 6-digit number "210499" and press **© ENTER**. The password is cleared.

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.

- 1. Select [Area Code] on the [Lock] menu then press >.
- 2. Input a password and press **© ENTER**.
- 3. Select the first character using ΛV buttons.
- 4. Press **© ENTER** and select the second character using ΛV buttons.
- 5. Press **© ENTER** to confirm your Area code selection.

Others

DivX(R) VOD

ABOUT DIVX VIDEO: DivX® is a digital video format created by Divx®, Inc. This is an official DivX Certified® device that plays DivX video. Visit www. divx.com for more information and software tools to convert your files into DivX video.

ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the Divx® VOD section in your device setup menu. Go to vod. divx.com for more information on how to complete your registration.

For more information, visit www.divx.com/vod.

[Register]

Displays the registration code of your player.

[Deregister]

Deactivate your player and display the deactivation code.



Note

All the downloaded videos from DivX VOD can only be played back on this unit.



1. Press **The HOME**. Displays the [Home Menu].



- 2. Select an option by using <>.
- 3. Press **© ENTER** then selected option menu.

[Music] - Displays [MUSIC] menu.

[Movie] – Start video media's playback or displays the [MOVIE] menu.

[Photo] - Displays [PHOTO] menu.

[Setup] - Displays the [Setup] menu.



You can not select the [Music], [Movie] or [Photo] option when the USB device is not connected or a disc is not inserted.

Basic Operations

- Insert the disc by using the ▲ OPEN/CLOSE or Connect the USB device to the USB port.
- Press HOME. Displays the [Home Menu].
- 3. Select an option by using <>. If you select the [Movie], [Photo] or [Music] option when you connect up to two devices, it appears as belows. Select a media then press • ENTER.



4. Press **© ENTER** then selected option menu.



- · For the most Audio CD and DVD-ROM discs, playback starts automatically.
- The unit plays only music file contained in the USB storage device or disc automatically.

То	Do this
Stop	Press ■ STOP .
Playback	Press ► PLAY, MONO/ STEREO.
Pause	Press II PAUSE/STEP.
Frame-by- Frame playback	Press II PAUSE/STEP repeatedly to play title Frameby-Frame. (DVD, DivX only)
Skipping to the next/ previous chapter/ track/	During playback, press I◀◀ / ▶►I SKIP to go to the next chapter/ track/ file or to return to the beginning of the current chapter/ track/ file.
file	Press ► SKIP twice briefly to step back to the previous chapter/ track/ file.
Locating a point quickly by playing a file in fast forward or	During playback, press ◀◀/ ▶► SCAN repeatedly to select the required scan speed. To return to normal speed, press ► PLAY, MONO/
fast reverse	STEREO.
Playing repeatedly or randomly	Press REPEAT repeatedly, and the current title, chapter or track will be played back repeatedly or randomly. - DVD: Chapter/Title/Off - DivX:Title/All/Off - Audio CD/ MP3/ WMA:Track/ All/ Random/Off
Slowing down the playing speed	In the pause mode, press SLOW (◀◀ or ▶►) to select the required speed. (DVD, DivX only) The DivX file cannot be slow down reverse playback.





Displaying Disc Information on-screen

You can display various information about the disc loaded on-screen.

- 1. Press I INFO/DISPLAY to show various playback information. The displayed items differ depending on the disc type or playing status.
- 2. You can select an item by pressing ΛV and change or select the setting by pressing <>.

Title - Current title number/ total number of titles.

Chapter - Current chapter number/ total number of chapters.

Time - Elapsed playing time.

Audio - Selected audio language or channel.

Subtitle – Selected subtitle.

Angle - Selected angle/ total number of angles.



If any button is not pressed for a few seconds, the on-screen display disappears.

To display the DVD Menu

When you play a DVD which contains several menu, you can select the menu you want using the Menu.

- Press DISC MENU. The disc's menu appears.
- 2. Select the menu by using $\Lambda V < >$.
- 3. Press ▶ PLAY, MONO/STEREO to confirm.

To display the DVD title

When you play a DVD which contains several title. you can select the title you want using the Menu.

- Press TITLE. The disc's title appears.
- 2. Select the menu by pressing $\Lambda V < >$.
- Press ► PLAY, MONO/STEREO to confirm.

1.5 times speed playback DVD

The 1.5 speed allows you to watch the pictures and listen to the sound guicker than playing at a normal

- During playback, press ➤ PLAY, MONO/ STEREO to play at 1.5 times speed. "►X1.5" appears on the screen.
- Press ► PLAY, MONO/STEREO again to exit.

Screen Saver

The screen saver appears when you leave the unit in Stop mode for about five minutes.

Starting play from selected time

DVD MOVIE

To start playing at any chosen time on the file or

- 1. Press INFO/DISPLAY during playback.
- 2. Press ΛV to select the time clock icon and "--:--" appears.
- 3. Input the required start time in hours, minutes, and seconds from left to right. If you enter the wrong numbers, press **CLEAR** to remove the numbers you entered. Then input the correct
 - For example, to find a scene at 1 hour, 10 minutes, and 20 seconds, enter "11020" by using numerical buttons.
- 4. Press **© ENTER** to confirm. Playback starts from the selected time.

Resume playback DVD MOVIE MUSIC ACD

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

If "■ (Resume Stop)" appears on the screen briefly, press ▶ PLAY, MONO/STEREO 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), ▲ OPEN/CLOSE, etc).

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. During playback, press . INFO/DISPLAY to display the On-Screen display.
- 2. Use ΛV to select the [Code Page] option.
- 3. Use **<>** to select desired code option.
- Press RETURN to exit the On-Screen display.

Marked Playback MUSIC ACD

The mark function enables you to store your favourite files from any disc or USB device in the unit memory.

1. Select [Music] on the [Home Menu].

Returning to the upper folder. (MP3/WMA only)

> File information will be displayed according to the ID3TAG information on the appropriate music file. (MP3 only)



Deselecting all tracks/files.

Moving to the previous or next file list.

- 2. Select a desired music on the [List] by using the ∧V then press MARKER to appears the mark on the list.
- Press **⊙** ENTER or **►** PLAY, MONO/STEREO. Displays the play mode.
- 4. Select the play mode by using the ΛV and press ENTER.

[Mark Play]

Marked playback.

[Current Play]

Normal playback.



Note

If you want to select all files on the list, select [Select All] and press **© ENTER**.

To delete a Marker

- 1. Use ΛV to select the track that you wish to erase from the marked file.
- Press MARKER.

To delete all Markers

Use $\Lambda V <>$ to select [Deselect All] then press \odot **ENTER** in program edit mode.



Note

The markers are also cleared when the disc or USB device is removed, the unit is switched to power off or the function is switched to others.

Viewing a PHOTO file **PHOTO**

This unit can play discs with photo files.

1. Select [Photo] on the [Home Menu] and press

> Moving to the previous or next file list.



Returning to the upper folder.

- 2. Press Λ V to select a folder, and then press \odot ENTER.
- 3. If you want to view a slide show, press Λ Vto highlight a file and press ▶ PLAY, MONO/ STEREO.

About help menu in the [Photo] menu

Menu	Buttons	Operation	
► Slide Show	PLAY, MONO/ STEREO	Viewing a slide show.	
▲▼♦ Move	V^<>	Moving to another file or content.	
⊚ Select		Viewing a particular file.	
ৈ Close	♂ RETURN	Returning to the [Home Menu].	

About help menu in the full screen

Menu	Buttons	Operation
Menu	INFO/ DISPLAY	Displaying the Option menu.
d / ▶ Prev./ Next		Moving to another file.
رة Close	RETURN	Returning to the [Photo] menu.









Options while viewing a photo

You can use various options during viewing a photo in full screen.

- 1. While viewing a photo in full screen, press ☐ INFO/DISPLAY to display the option menu.
- Select an option using \(\Lambda \V < >\).



- Current photo/Total number of photos -Use <> to view previous/next photo.
- 2 Slide Show ►/II Press ⊙ ENTER to start or pause slide show.
- 3 Speed x3/x2/x1 Use ENTER to select a delaying speed between photos in a slide
- 4 Rotate Press ENTER to rotate the photo.
- **Go to list** − Press **⊙ ENTER** to return [Photo] menu.

Last Scene Memory

DVD

П

This unit memorizes 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.

System Select - Optional

You must select the appropriate system mode for your TV system. Press and hold II PAUSE/STEP for more than five seconds to be able to select a system in the [Home Menul.



Note

If the USB device is connected or a disc is inserted, this function is not operated.

Adjust the speaker level settings

You can adjust the sound level of each speaker.

- 1. Press **SPEAKER LEVEL** repeatedly to select a desired speaker to set.
- 2. Press VOL -/+ to adjust the sound level of the selected speaker while the level setting memu is displayed on the display window.
- 3. Repeat and adjust the sound level of the other speakers.

Auto Power Down

This unit will be off itself to save electronic consumption in the case main unit is not connected to external device and is not used for 25 minutes. So does this unit after six hours since Main. unit has been connected to other device using analog input.





1. Turn the unit on.

Setting the Clock

- 2 Press CLOCK for at least 2 seconds.
- 3. Choose time mode by pressing ► ✓/►►.
 - AM 12:00 (for an AM and PM display) or 0:00 (for a 24 hour display)
- 4. Press **SET/DEMO** to confirm your selection.
- 5. Select the hours by pressing ► .
- 6. Press SET/DEMO.
- Select the minutes by pressing ►
- 8. Press SET/DEMO.

Using your player as an alarm clock

- 1. Turn the unit on.
- Press TIMER. Fach functions flashes.
- 3. Press SET/DEMO when the function you want to be woken by is showing.
- 4. "ON TIME" will be displayed. This is your desired time to unit turns on. Press ◄◄/▶▶ to change the hours and minutes and press SET/DEMO to save.
- 5. The "OFF TIME" will be displayed. This is your desired time to unit turns off.
- 6. Press ► to change the hours and minutes and press SET/DEMO to save.
- 7. Press ◄◄/▶► to change the volume and press **SET/DEMO** to save. The clock icon "()" shows that the alarm is set.
- 8. Press TIMER button 2 times. You can check the setting status.



- If you set the clock time, you can check the time by pressing **CLOCK** even when the player is turned off.
- If you set the clock time and alarm, you can check the alarm icon "O" by pressing **CLOCK** even when the player is turned off.
- If you set the clock time and alarm, you can check the alarm icon "O" and setting information by pressing **TIMER** even when the unit is turned off.

Sleep Timer Setting

Press **SLEEP** one or more times to select delay time between 10 and 180 minutes, after the unit will turn off

To check the remaining time, press **SLEEP**.

To cancel the sleep function, press **SLEEP** repeatedly until "SLEEP 10" appears, and then press **SLEEP** once again while "SLEEP 10" is displayed.



Note

You can check the remaining time before the Unit turns off.

Press **SLEEP** The remaining time appears in the display window.

Dimmer

Press **SLEEP** once. The display window will be darken by half. To cancel it, press **SLEEP** repeatedly until dim off. If touch the buttons in Sleep Timer mode, the buttons will be lightening for 5 seconds and darkening again.

Turn off the sound temporarily

Press M MUTE to mute your unit.

You can mute your unit, for example, to answer the telephone, the "IX" is displayed in the display window

DFMO

In the power off state, it demonstrates the function on display window by pressing **DEMO**. To cancel the DEMO, press it again.



Note

- While DEMO, this unit will keep DEMO status even if you unplug the power cord connection.
- · You can enjoy other functions during the DEMO. Then the DEMO will pause to temporary.
 - Without input key in 10 sec, the DEMO will play back automatically.

Radio Operations

Be sure that both FM and AM aerials are connected. (Refer to the page 18)

Listening to the radio

- 1. Press + RADIO&INPUT until FM or AM appears in the display window. The last received station is tuned in.
- 2. Press and hold **TUNING** (-/+) for about two seconds until the frequency indication starts to change, then release. Scanning stops when the unit tunes in a station.

Press TUNING (-/+) repeatedly.

3. Adjust the volume by rotating -/+ on the front panel or by pressing VOL (+/-)on the remote control repeatedly.

Presetting the Radio Stations

You can preset 50 stations for FM and AM.

Before tuning, make sure that you have turned down the volume.

- 1. Press RADIO&INPUT until FM appears in the display window.
- 2. Select the desired frequency by using TUNING
- 3. Press **© ENTER** a preset number will flash in the display window.
- 4. Press PRESET (-/+) to select the preset number vou want.
- Press ENTER. The station is stored.
- 6. Repeat the steps 2 to 5 to store other stations.

Deleting all the saved stations

- 1. Press and hold **CLEAR** for two seconds. "ERASE ALL" will flash up on the unit display.
- 2. Press CLEAR to erase all saved of the radio stations.

Deleting a saved station

- 1. Press **PRESET +/-** to Select a preset number you want to delete.
- 2. Press **CLEAR**, the preset number will blink in the display window.
- 3. Press **CLEAR** again, to delete the selectd preset number.

Improving poor FM reception

Press ▶ PLAY, MONO/STEREO on the remote control. This will change the tuner from stereo to mono and usually improve the reception.



Sound adjustment

Setting the surround mode

This system has a number of pre-set surround sound fields. You can select a desired sound mode by using **SOUND EFFECT**.

You can change the **SOUND EFFECT** using < > arrow key while the sound effect information is displayed on.

The displayed items for the equalizer maybe different depending on sound sources and effects.

On Display	Description
NATURAL	You can enjoy comfortable and natural sound.
Local specialization equalizer	Regionally optimized sound effect. (FORRO/ FUNK/ SERTANEJO/ DANGDUT/ ARABIC/ PERSIAN/ INDIA/ REGUETON/ MERENGUE/ SAMBA/ SALSA/ CUMBIA/ AFRO)
AUTO EQ	Realizes the sound equalizer that is the most similar to the genre of which is included in the MP3 ID3 tag of song files.
POP CLASSIC JAZZ ROCK	This program lends an enthusiastic atmosphere to the sound, giving you the feeling you are at an actual rock pop, jazz or classic concert.
MP3 OPT	This function is optimized for compressible MP3, WMA file. It improves the treble sound.
BASS BLAST	During playback, reinforce the treble, bass and surround sound effect.
LOUDNESS	Improves the bass and treble sound.
VIRTUAL	You can enjoy more virtual surround sound.
BYPASS	You can enjoy the sound without equalizer effect.



Note

- In some of surround modes, some speakers, there's no sound or low sound. It depends on the mode of surround and the source of audio, it is not defective.
- You may need to reset the surround mode, after switching the input, sometimes even after the sound track changed.





Recording to USB

You can record music or sound souce to USB device by connecting in to the port on the unit.

- 1. Connect the USB device to the unit.
- 2. Select a mode in which you want to record. Play back a sound source first.
- 3. Start the recording by pressing REC.
- To stop recording, press STOP.

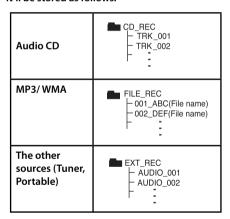
[All tracks/ files recording]

Record to USB in stop or play mode.

[Program list recording]

After marking desired file(s) and you can record it to USB.

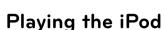
It'll be stored as follows.



- Note
- You can check the recording percentage rate for the USB record on the screen during the recording. (Audio CD or MP3/WMA CD only)
- During recording MP3/WMA, there is no sound.
- When you stop recording during playback, the file that has been recorded at that time will be stored. (Audio CD only)
- Do not remove the USB device or turn off the unit during USB recording. If not, an incomplete file may be made and not deleted on PC.
- Recording through microphones is not availabe.
- If USB recording does not work, the message like "NO USB", "ERROR", "USB FULL" or "NO REC" is displayed on the display window.
- Multi card reader device or external HDD can not be used for USB recording.
- A file is recorded by 128 Mbyte (about 2 hours) when you record for a long term. There are recorded less than 4 files.
- When you stop recording during playback, the file will not be stored.
- In the state CD-G, DTS disc USB record is not operated.
- The files in the sub-folders are not recorded during all track recording.
- · You may not record more than 999 files.
- The nunbering of the recording file is entered from the lowest number. So if you delete some of the recording files, the next recording file could be the lowest number among them.

The making of unauthorized copies of copyprotected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offense. This equipment should not be used for such purposes.

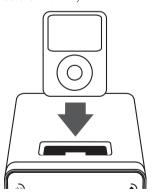
Be responsible Respect copyrights.



You can enjoy the media files with your iPod. For details about iPod, refer to the iPod's User Guide.

Preparation

- To view iPod's Videos and Photos on the TV ccroon
 - Be sure to use the video connection through the VIDEO OUT jack on the rear panel of this unit. Select the appropriate video input mode on the TV.
 - Depending on the iPod, make sure that select Videos > Video settings, and then set TV Out to Ask or On from your iPod. For details about Video Settings, refer to the iPod User Guide.
 - The viewing photos is available only if this unit is in iPod IN mode and you can view photos only as a slide show. You have to start a slide show on your iPod to view a photo on a TV. For details about a slide show, refer to the iPod User Guide.
- Before connecting the iPod, turn this unit off and reduce the volume of this unit to its minimum.
- 1. Connect the iPod cradle.
- Connect the iPod firmly.



- If you turn this unit on, your iPod is automatically turned on and recharging starts.
- If your iPod is completely discharged, charge the battery first.

Enjoying iPod on the screen

You can operate your iPod by controlling menu on the screen.

- Connect the iPod firmly.
- 2. Press **the HOME**.
- 3. Select [Music] or [Movie] using <>, and press ENTER

If you connected the other device (CD or USB). select the iPod on the menu and **© ENTER**. If you select the [Music] option when you connect iPod, the unit plays a music automatically.

4. Select a content using $\Lambda V \leq >$, and press ENTER to play.

> File information will be displayed according to the ID3TAG information on the appropriate music file. (MP3 only)



Moving to the previous or next file list.

Operate iPod. Refer to basic operation section.



- If the iPod's OSD language is selected to simple chinese, the power scroll function is not operated correctly.
- The controls on your iPod are not operational in this mode.



You can operate your iPod by using the supplied remote control and controls on your iPod.

- Connect the iPod firmly.
- 2. Press **← RADIO&INPUT** to select iPod IN mode.

Buttons	Operation
^V<>	Selects an option in the menu.
► PLAY, MONO/ STEREO,	Starts playback the music or video.
II	To pause while it is playing. To resume playing, press ▶ PLAY, MONO/STEREO again.
◄✓ /►► SCAN	Fast-forward or rewind a song or video
I ⊲ ⊲/ ►►I SKIP	Skip the playback forward or backward .
REPEAT	To select a desired repeat mode: Track (C), All (C), Off (No display).



Note

- An error message "CHECK IPOD" or "Connected iPod model is not supported." appears when:
 - your iPod is not available for the function to be operated.
- An error message "CHECK IPOD" or "Please update iPod's software." appears when:
 - your iPod has an old software version. > Update your iPod software to latest version.
- If this unit displays an error message, follow the message. An error message "CHECK IPOD" or "Please check your iPod." appears when:
 - the communication between this unit and your iPod is failed.
 - > Undock & re-dock your iPod in this unit.
 - your iPod is not connected firmly.
 - this unit recognizes your iPod as unknown device.
 - your iPod is exceptionally low on power.
 - > The battery needs to be charged.
 - > If you charge the battery while iPod is extremely low in power, it maytake longer to charge.
- You may use the dock adapter which should be supplied with your iPod to the dock for the stable use of the iPod. If you need an adapter, consult your iPod dealer.
- Compatibility with your iPod may vary depending on the type of your iPod.
- iPod touch and iPhone have any difference in operation other than iPod. You may need any additional control to use them with this unit. (e.g. "slide to unlock")
- If you use an application, make a call, or send and receive SMS text message, etc. on iPod touch or iPhone, disconnect it from iPod dock of this unit and then use it.





- Depending on your iPod's software version, it may not be possible to control your iPod from this unit. We recommend installing the latest software version.
- The video quality depends on the video sources on your iPod.
- If you have a problem with your iPod, please visit www.apple.com/support/ipod.
- You cannot use the microphone on the iPod mode.

Using a Bluetooth® wireless technology

About Bluetooth

Bluetooth is wireless communication technology for short range connection.

The available range is within 10 meters.

(The sound may be interrupted when the connection interfered by the other electronic wave or you connect the bluetooth in the other rooms.) Connecting individual devices under **Bluetooth**® wireless technology does not incur any

charges. A mobile phone with

Bluetooth® wireless technology can be operated via the Cascade if the connection was made via Bluetooth® wireless technology.

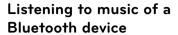
Available Devices: Mobile phone, MP3, Laptop, PDA (This units be supported the Stereo Headset.)

Bluetooth Profiles

In order to use *Bluetooth*® wireless technology, devices must be able to interpret certain profiles. This unit is compatible with following profile.

A2DP (Advanced Audio Distribution Profile)

AVRCP (Audio/Video Distribution Remote Control Profile)



Pairing your unit and Bluetooth device

Before you start the pairing procedure, make sure the Bluetooth feature is turned on in to your Bluetooth device. Refer to your Bluetooth device's user guide. Once a pairing operation is performed, it does not need to be performed again.

1. Select the Bluetooth function by using the RADIO&INPUT.

Appears "BT" and then "BT READY" in display window.

- 2. Operate the Bluetooth device and perform the pairing operation. When searching for this unit with the Bluetooth device, a list of the devices found may appear in the Bluetooth device display depending on the type of Bluetooth device. Your unit appears as "LG Audio".
- 3. Enter the PIN code. PIN code: 0000
- 4. When this unit successfully paired with your Bluetooth device, Bluetooth LED of this unit lights up and appears "PAIRED".



Depending on the Bluetooth device type, some device have a different pairing way.

5. Listening to music. To play a music stored on your Bluetooth device, refer to your Bluetooth device's user guide.



- If you change the function of the unit, the Bluetooth function is disconnected, operate pairing again. (Bluetooth ←→ Function other than the Bluetooth)
- AVRCP cannot be available in this mode.

Listening to music on this unit using Bluetooth device

Pairing your unit and Bluetooth device

Before you start the pairing procedure, make sure the Bluetooth feature is turned on in to your Bluetooth device. Refer to your Bluetooth device's user guide. Once a pairing operation is performed, it does not need to be performed again.

- 1. Select a function other than the Bluetooth function by using the • RADIO&INPUT.
- 2. Place the Bluetooth device to be connected to this unit within 1 meter of the unit
- 3. Put the Bluetooth device in pairing mode. Refer to your Bluetooth device's user guide.
- 4. Press and hold **BLUETOOTH**. Appears "INOUIRY". If searched Bluetooth is only one, pairing the unit. Refer the step 7.
- 5. Appears depending on type of Bluetooth devices in display window.
- 6. Select a Bluetooth device you want to connect by using Λ V and press \odot ENTER.
- 7. Enter the PIN code by using numberical buttons. PIN code: 0000
- 8. Press **© ENTER** to confirm. When this unit successfully paired with your Bluetooth device, Bluetooth icon of this unit lights up and appears "BT SRC".

You can listen to music played on this unit using your Bluetooth device.

Sound output from the speakers is stopped.



You cannot use VOL (volume), SOUND EFFECT, SPEAKER LEVEL in this mode.



Operating with Bluetooth device

You can operate a unit by connecting a Bluetooth device using AVRCP. For details about operation, refer to the Bluetooth device's User Guide.



Note

These operations may not be vailable for certain Bluetooth device. In addition, the actual operations may differ depending on the connected Bluetooth device.

Connecting and disconnecting with a Bluetooth device

This function is operated after pairing.

Press **BLUETOOTH** to connect or disconnect with a Bluetooth device

Appears belows in display window.

Connection: BT CONN Disconnection: DISCONN



Note

If you change the function of the unit, the Bluetooth function is disconnected, press BLUETOOTH pairing again.

(Bluetooth ←→ Function other than the

Bluetooth)

Checking the information of connected Bluetooth device

This function is operated after pairing. You can check the Bluetooth information.

Press and hold INFO/DISPLAY repeatedly. Bluetooth information is changed as follows.

Local Bluetooth Device Address → Device Name → None → ...



Note

- This units dose not be supported the Mono Headset Profile (Hands Free Profile)
- The sound may be interrupted when the connection interfered by the other electronic wave.
- You cannot control the Bluetooth device with this unit.
- Pairing is limited one Bluetooth device per one unit and multi-pairing is not supported.
- · Although the distance between your Bluetooth and the set is less than 10m, there are obstacles between both, your Bluetooth device cannot be connected.
- Depending on the type of the device, you may not be able to use the Bluetooth function.
- You can enjoy wireless system using phone, MP3, Notebook, headset, etc..
- · When not connected the Bluetooth, "BT READY" appears on the display window.
- The Electrical malfunction due to devices using same frequency such as Medical equipment, Microwaves or wireless LAN devices, the connection will be disconnected
- When someone stands and interrupts communication between Bluetooth device and the player, the connection will be disconnected.
- If the gotten away of the distance between Bluetooth and the unit, the sound quality is lower and lower the connection will disconnect when the space between the Bluetooth and the unit gets out of the operating range of Bluetooth.
- · The device with Bluetooth wireless technology is disconnected, if you turn off the main unit or put the device away from the main unit more than 10m.

Troubleshooting

PROBLEM	CORRECTION
No power	Plug the power cord into the wall outlet securely.
No picture	Select the appropriate video input mode on the TV so the picture from the unit appears on the TV screen.
140 picture	Connect the video cables securely to both the TV and unit.
	Select the correct input mode of the unit so you can hear the sound from the unit.
There is little or no sound	Connect the audio cables into the connection terminals correctly.
	Replace with a new audio cable.
The DVD picture quality is poor	Clean the disc using a soft cloth with outward strokes.
	Insert a disc.
A DVD/CD will not play	Insert a playable disc (check the disc type, colour system and regional code).
	Enter your password or change the rating level.
Humming noise heard while a DVD	Clean the disc using a soft cloth with outward strokes.
or CD is playing	Move unit and audio components further away from your TV.
	Check the antenna connection and adjust its position.
Radio stations can't be tuned in	Attach an external aerial if necessary.
properly	Tune to the station manually.
	Preset some radio stations, see page 29 for details.
	The remote is not pointed directly at the unit. Point the remote directly at the unit.
	The remote is too far from the unit. Use the remote within 23 feet (7m) of the unit.
The remote control doesn't work well / at all	There is an obstacle in the path between the remote control and the unit.
	Remove the obstacle.
	The battery in the remote control are flat. Replace the battery with new ones.
iPod does not work.	Check whether the player is connected to the unit correctly. Connect it to the unit correctly.





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	Antilles	AN	Spain	ES
Bolivia	ВО	Greenland	GL	New Zealand	NZ	Sri Lanka	LK
Brazil	BR	Hong Kong	HK	Nigeria	NG	Sweden	SE
Cambodia	KH	Hungary	HU	Norway	NO	Switzerland	CH
Canada	CA	India	IN	Oman	OM	Taiwan	TW
Chile	CL	Indonesia	ID	Pakistan	PK	Thailand	TH
China	CN	Israel	IL	Panama	PA	Turkey	TR
Colombia	CO	Italy	IT	Paraguay	PY	Uganda	UG
Congo	CG	Jamaica	JM	Philippines	PH	Ukraine	UA
Costa Rica	CR	Japan	JP	Poland	PL	United States	US
Croatia	HR	Kenya	KE	Portugal	PT	Uruguay	UY
Czech Republic	CZ	Kuwait	KW	Romania	RO	Uzbekistan	UZ
Denmark	DK	Libya	LY	Russian		Vietnam	VN
Ecuador	EC	Luxembourg	LU	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







Trademarks and Licenses



"Made for iPod" and "Made for iPhone" mean that an electronic accessory has been designed to connect specifically to iPod or iPhone respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that the use of this accessory with iPod, iPhone may affect wireless performance.



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Bluetooth[®]

Bluetooth® wireless technology is a system which allows radio contact between electronic devices within a max. range of 10 meters.

Connecting individual devices under Bluetooth® wireless technology does not incur any charges. A mobile phone with Bluetooth® wireless technology can be operated via the Cascade if the connection was made via Bluetooth® wireless technology.

The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by LG Electronics is under license.

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Specifications

General	
Power requirements	refer to main label
Power consumption	refer to main label
Dimensions (W x H x D)	135 X 295 X 315 mm without foot
Net Weight (Approx.)	3.45 kg
Operating temperature	41 °F to 95 °F (5 °C to 35 °C)
Operating humidity	5 % to 90 %

Inputs/ Outputs	
VIDEO OUT	1.0 V (p-p), 75 Ω, sync negative, RCA jack x 1
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 1
HDMI OUT (video/audio):	19 pin Type A, HDMI™ Connector
DIGITAL IN (OPTICAL):	3 V (p-p), Optical jack x 1
PORT. IN	0.5 Vrms (3.5 mm stereo jack)

System	
Laser	Semiconductor laser, wavelength: 650 nm
Signal system	Standard NTSC color TV system
Frequency response	20 Hz to 20 kHz (48 kHz, 96 kHz, 192 kHz sampling)
Signal-to-noise ratio	More than 80 dB
Harmonic distortion	0.05 % at 1 W
Dynamic range	More than 85 dB
Bus Power Supply	USB DC 5 V === 500 mA iPod DC 5 V === 1 A

Amplifier	
Stereo mode	80 W + 80 W (4Ω at 1kHz)

Tuner	
FM Tuning Range	87.5 to 108.0 MHz or 87.50 to 108.00 MHz
AM Tuning Range	522 to 1 620 kHz, 520 to 1 710 kHz or 522 to 1710 kHz







Front Speaker			
Туре	3 Way 4 speaker		
Impedance Rated	4 Ω		
Input Power	80 W		
Max. Input Power	160 W		
Net Dimensions (W x H x D)	126 X 295 X 315 mm		
Net Weight	4.35 kg		

Design and specifications are subject to change without notice.









Maintenance

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, benzine, 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.

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. benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.









