LG **Model: LHT854**

DVD VIDEO DivX® DOLBY DIGITAL PRO LOGIC II HDMI HIGH DEFINITION MULTIMEDIA INTERFACE Plays Windows Media™ Made for iPod dts Digital Surround SIMPLINK Easy LG TV Control MEDIA PLUS 1080P UP-SCALING

Unique Features	Full HD up-scaling (1080p)	5.1ch ez Set-up	
	View Full HD picture quality with simple setup.	Listen sound from TV, DVD and Digital Device with vivid 5.1ch mode.	
	Go to page 12	Go to page 18	
Portable In	Made for iPod		
Listen to music from your portable device (MP3, Notebook, etc).	Enjoy music from iPod with simple connection.		
Go to page 17	Go to page 19		

For service/ support Call:
Toll Free Number
1-800-243-0000
http://us.lgservice.com

Safety Precaution

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

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.
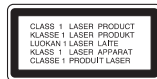
WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.
WARNING: Do not install this equipment in a confined space such as a book case or similar unit.
CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from overheating.
The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction have been adhered to.

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

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. Should 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.

NOTE TO CABLE/TV INSTALLER: This reminder is provided to call the cable TV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

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

CAUTION concerning the Power Cord
Most appliances should be placed on 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 servicer.
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 unit, unplug the unit from the outlet. When installing the product, ensure that the plug is easily accessible.

FCC WARNING: This equipment may generate or use radio frequency energy. Changes or modifications to this equipment may cause harmful interference unless the modifications are expressly approved in the instruction manual. The user could lose the authority to operate this equipment if an unauthorized change or modification is made.

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.

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.

IMPORTANT SAFETY INSTRUCTIONS

CAUTION: PLEASE READ AND OBSERVE ALL WARNINGS AND INSTRUCTIONS IN THIS OWNER'S MANUAL.
AND THOSE MARKED ON THE PRODUCT. RETAIN THIS MANUAL FOR FUTURE REFERENCE.
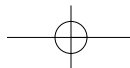
This product has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this product will protect you if you observe the following procedures for installation, use, and servicing.

This product does not contain any parts that can be repaired by the user.

DO NOT REMOVE THE CABINET COVER, OR YOU MAY BE EXPOSED TO DANGEROUS VOLTAGE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL ONLY.

1. **Read these instructions. -** All these safety and operating instructions should be read before the product is operated.
2. **Keep these instructions. -** The safety, operating and use instructions should be retained for future reference.
3. **Heed all warnings. -** All warnings on the product and in the operating instructions should be adhered to.
4. **Follow all instructions. -** All operating and use instructions should be followed.
5. **Do not use this apparatus near water. -** For example: near a bath tub, wash bowl, kitchen sink, laundry tub, in a wet basement; or near a swimming pool; and other areas located near water.
6. **Clean only with dry cloth. -** Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners.
7. **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 should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.
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.**
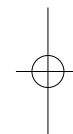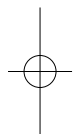
# Welcome to your new DVD Receiver

Contents

SIMPLINK
Easy LG TV Control

What is SIMPLINK?

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

• Controllable functions by LG TV's remote control; Play, Pause, Scan, Skip, Stop, Power Off, etc.
• Refer to the TV owner's manual for the details of SIMPLINK function.
• LG TV with SIMPLINK function has the logo as shown above.
• Use a higher version cable than 1.2A HDMI cable.
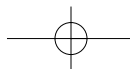
Setting up

Attaching the speakers to the DVD receiver

1 **You will have received six speaker cables.**
Each one is colour-coded by a band near each end and wires one of the six speakers to the DVD receiver.

2 **Connect the wires to the DVD receiver.**
Match each wire's coloured band to the same coloured connection terminal on the reverse of the DVD receiver. To connect the cable to the DVD receiver, press each plastic finger pad to open the connection terminal. Insert the wire and release the finger pad.

Connect the red end of each wire to the terminals marked +(plus) and the black end to the terminals marked - (minus).
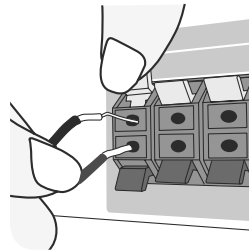
3 **Connect the wires to the speakers.**
Connect the other end of each wire to the correct speaker according to the colour coding:

COLOUR	SPEAKER	POSITION
Grey	Rear	Behind you and to your right.
Blue	Rear	Behind you and to your left.
Green	Centre	Above screen, directly in front of you.
Orange	Sub Woofer	
Red	Front	In front of you, to the right of the screen.
White	Front	In front of you, to the left of the screen.

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

Be careful of the following

Be careful to make sure children not to put their hands or any objects into the *speaker duct.
*Speaker duct: A hall for plentiful bass sound on speaker cabinet(enclosure).

5

Setting up

Speaker Positioning

In the case of normal position use the 6 speakers (2 front speakers, centre speaker, 2 rear speakers and subwoofer).

Front speakers

According to your listening position set up the speakers for equal distance. And by hearing position set up the interval between speakers to 45 degree.

Centre speaker

The centre speakers and front speakers are ideally the same height. But normally place it above or below the television.
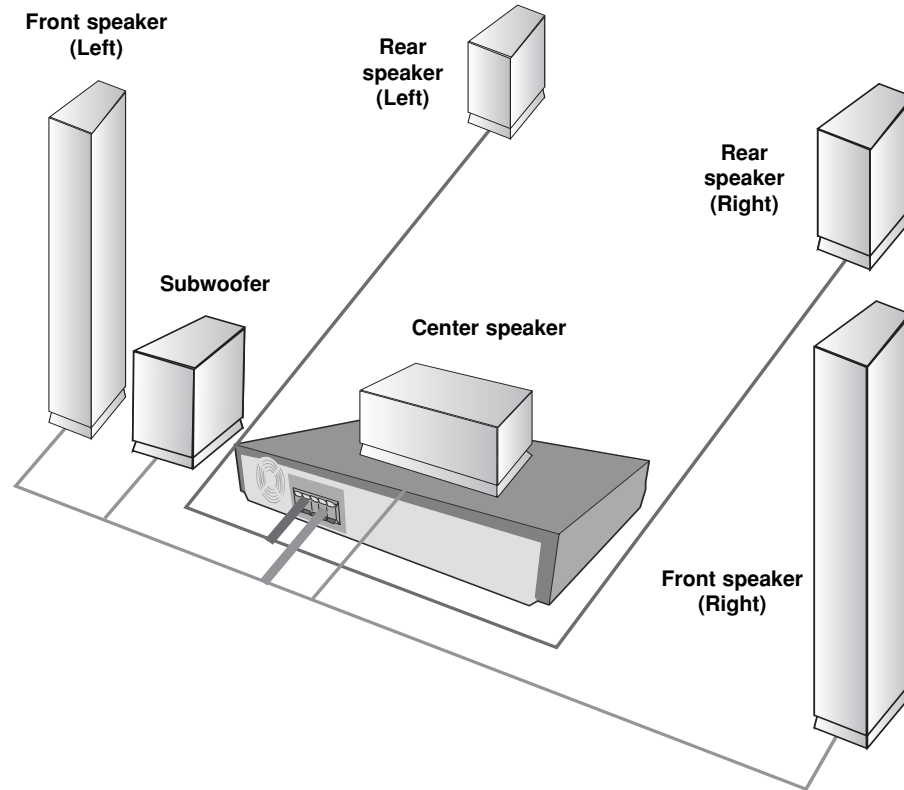
Rear speakers

Place left and right behind the listening area. These speakers recreate sound motion and atmosphere required for surround sound playback. For best results, do not install the rear speakers too far behind the listening position and install them at or above the level of the listener's ears. It is also effective to direct the rear speakers towards a wall or ceiling to further disperse the sound.

In the case of a smaller room size, if the audience is near to the rear wall set the rear speakers opposite each other, and set the rear speakers above 60 - 90 cm than the listener's ears.
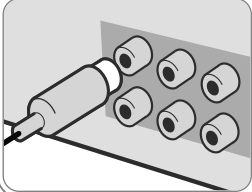
Subwoofer

This can be placed in any front position.

Front speaker
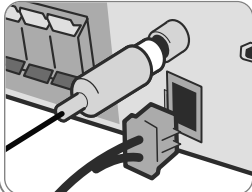(Left)

Rear
speaker
(Left)

Rear
speaker
(Right)

Subwoofer

Center speaker

Front speaker
(Right)

Hooking up the unit

1 **Connect jacks on the unit and your TV (DVD player or Digital Device etc.) using the cables.**

Audio In connection

The unit Audio jacks are color coded (red for right audio and white for left audio). If your TV has only one input for audio (mono), connect it to the left (white) audio jack on the unit.

Video Out connection
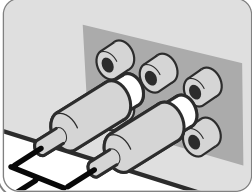
Connect the VIDEO OUTPUT jack on the unit to the corresponding input jacks on your TV using a Video cable.

AM/FM connection

AM - Connect the AM loop aerial to the DVD receiver. FM - Connect the FM aerial. The reception will be its best when the two loose ends of the aerial are in a straight and horizontal line.

Component Video connection

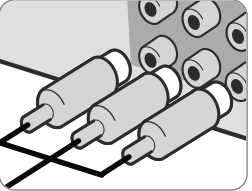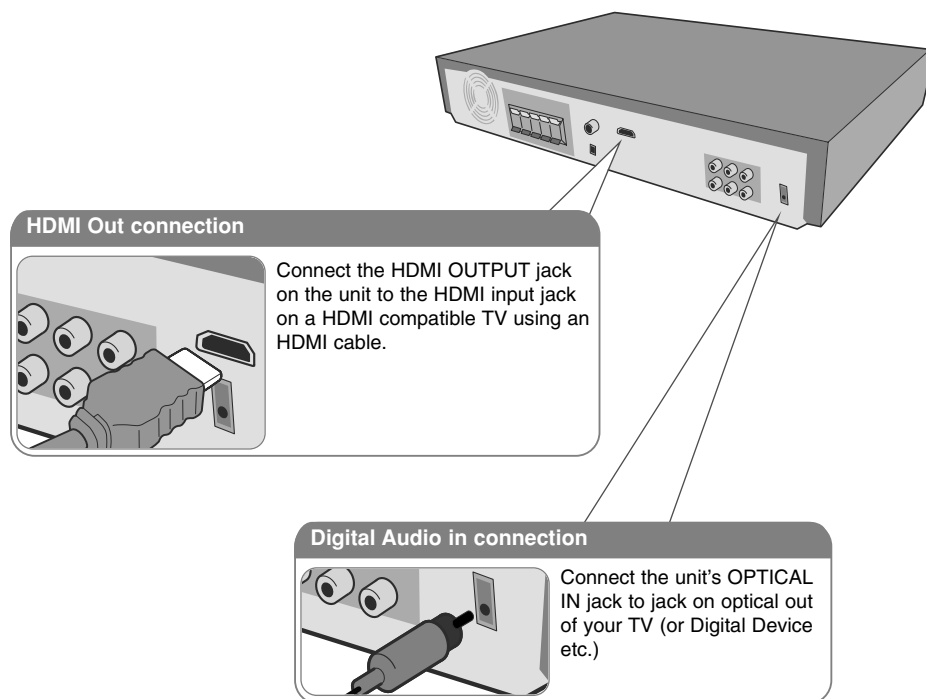Connect the COMPONENT/PROGRESSIVE SCAN OUTPUT jacks on the unit to the corresponding input jacks on your TV using a Y PB PR cable.

2 **Plug the power cord into the power source.**

7

Hooking up the unit

Hooking up the unit - more you can do

Resolution Setting

You can change the resolution for component video and HDMI output.
To change the resolution using setup menu to select the desired resolution - Auto, 480i, 480p, 720p, 1080i, 1080p.

Available resolution according to connection

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

Notes on HDMI Out connection

• If your TV does not accept your resolution setting, abnormal picture appears on the screen.
  Please read owner's manual for TV, and then set the resolution that your TV can accept.
• Use the HDMI cable within 5 meters
• If the volume bar is not displayed on TV screen, restart the unit

Enjoying audio form an external source

You can enjoy audio form an external source through your unit.
Press INPUT repeatedly to select the desired input source. - AUX, AUX OPT, PORTABLE, USB, OSD IPOD, IPOD

HDMI Out connection

Connect the HDMI OUTPUT jack on the unit to the HDMI input jack on a HDMI compatible TV using an HDMI cable.

Digital Audio in connection

Connect the unit's OPTICAL IN jack to jack on optical out of your TV (or Digital Device etc.)
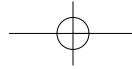
Remote control
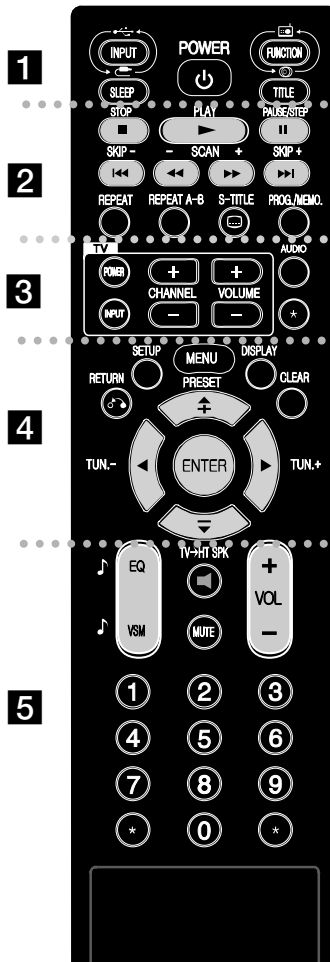
● ● ● ● ● ● ● ● **1** ● ● ● ● ● ● ● ●

INPUT : Changes the input source (AUX, AUX OPT, PORTABLE, USB, OSD IPOD, IPOD)

SLEEP : Sets the System to turn off automatically at a specified time. (Dimmer : Dims the LED (Light-emitting diode) of front panel by half in power-on status.)

POWER: Switches the unit ON or OFF.

FUNCTION : Selects the function (DVD/CD, FM, AM)

TITLE : If the current DVD title has a menu, the title menu appears on the screen. Otherwise, the disc menu may appear.

● ● ● ● ● ● ● ● **2** ● ● ● ● ● ● ● ●

STOP (■): Stops playback.

PLAY (▶): Starts playback. Mono/Stereo(St.)

PAUSE/STEP (❙❙): Pause playback.

SCAN(◀◀/▶▶) : Search backward or forward.

SKIP(❙◀◀ / ▶▶❙): Go to next or previous chapter/ track.

REPEAT: Repeats a Chapter/ Track/ Title/ all.

S-TITLE: During playback ,S - TITLE repeatedly to select a desired subtitle language .

REPEAT A-B : Repeats sequence.

PROG./MEMO. : Accesses or removes Program menu.

● ● ● ● ● ● ● ● **3** ● ● ● ● ● ● ● ●

TV Control buttons : Controls the TV. See the page 20.

AUDIO : Selects an audio language (DVD) or an audio channel (CD).

∗ **:** This button is not available

● ● ● ● ● ● ● ● **4** ● ● ● ● ● ● ● ●

RETURN (♂⮌): Press to move back wards in the menu.

SETUP : Accesses or removes setup menu

MENU : Accesses the menu on a DVD disc.

DISPLAY: Accesses On-Screen Display.

CLEAR: Removes a track number on the Program List.

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

ENTER : Acknowledges menu selection.

PRESET(-/+): Selects programme of Radio.

TUN.(-/+): Tunes in the desired radio station.

● ● ● ● ● ● ● ● **5** ● ● ● ● ● ● ● ●

EQ : You can choose 6 (or 7) fixed sound impressions.

VSM : Press **VSM** to set the Dolby Pro Logic II or VIRTU-AL sound.

TV→HT SPK (5.1Ch Ez Set-Up): Press HT SPK to select the AUX OPT directly

MUTE : Press MUTE to mute your unit. You can mute your unit in order, for example, to answer the telephone.

VOLUME (+/-) : Adjusts speaker volume.

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

Put the batteries into the remote control

Make sure that the + (plus) and – (minus) on the batteries match those on the remote control.

9
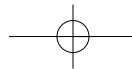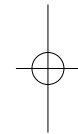
Main Unit

Open/Close

DVD/CD Disc Drawer

PORT. IN port
The PORT. In port means you can connect a audio device to play trough the surround sound speakers.

Power
Turn the unit on and off.

Func., Play
Press and hold down this button for about 3 seconds then press repeatedly to select other function.

Pause,
Mono/Stereo(St.)

Stop

Tuning (-/+)
Skip Search

USB port
The USB port allows you can connect a memory device to your DVD player.

Volume
Control the volume when using any function.

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OSD Initial language settings

Before using the unit for the first time, you have to adjust OSD initial language

	ON REMOTE
1 Turn the power on: Appear the language list display window	**POWER**
2 Select the language:	▲▼ ◄ ►
3 Press:	**ENTER**
4 To confirm press:	◄ ► and **ENTER**

Initial Setting the Area Code

After factory setting ,To set the Area code you have to as below.
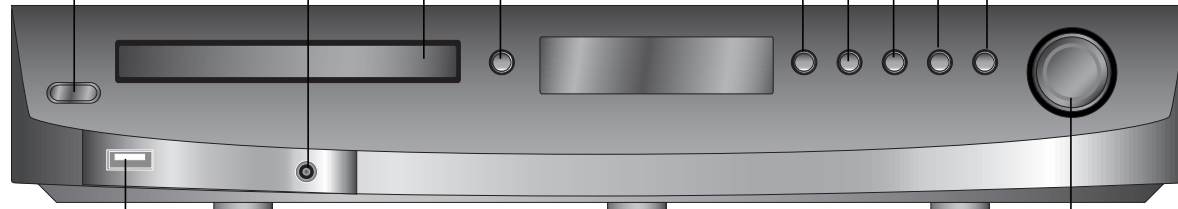
	ON REMOTE
1 Display setup menu:	**SETUP**
2 Select LOCK menu on the first level:	▲ ▼
3 Move to second level: Appears the activated Area code on the second level.:	►
4 Move to thirdlevel:	►
5 Enter the new pass word:	numerical buttons **(0-9) and ENTER**
6 Recheck entered new pass word:	numerical buttons **(0-9) and ENTER**
7 Select a code for a geographic area: After select,Rating and Passward will be activated.(page 21)	▲▼ ◄ ►
8 To confirm press:	**ENTER**

Adjust the settings

	ON REMOTE
1 Display setup menu :	**SETUP**
2 Select a desired option on the first level:	▲▼
3 Move to second level:	►
4 Select a desired option on the second level:	▲▼
5 Move to third level:	►
6 Change the setting:	▲ ▼, **ENTER**

Adjust the settings - more you can do

Adjust the language settings

OSD – Select a language for the Setup menu and on-screen display.
There is displayed as "-" or other error mark on display when you change OSD.
- Restart the unit
- Change function
- Disconnect and connect USB device.

Disc Menu/Audio/Subtitle – Select a language for the Menu/Audio/Subtitle.
[Original]: Refers to the original language in which the disc was recorded.
[Others]: To select another language, press number buttons then ENTER to enter the corresponding 4-digit number according to the language code list in the reference chapter (see page 21). If you make a mistake before pressing ENTER, press CLEAR
[OFF] (for Disc Subtitle): Turn off Subtitle.

Adjust the display settings

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 – If you selected 4:3, you'll need to define how you would like widescreen programs and films to be displayed on your TV screen.

 [Letterbox]: This displays a widescreen picture with black bands at the top and bottom of the screen.
 [Panscan]: This fills the entire 4:3 screen, cropping the picture as necessary.

Video Resolution - Use ▲▼ to select the desired resolution then press ENTER to confirm your selection.

You can set 1080p video resolution to enjoy Full HD picture quality. (Full HD up-scaling)

The number in 480p, 720p, 1080p and 1080i indicates the number of lines of video. The "i" and "p" indicate interlaced and progressive scan, respectively.

 [Auto] If your HDMI jack is connected to TVs providing display information (EDID), automatically selects the resolution best suited to the connected TV (1080p, 1080i, 720p or 480p). (only for HDMI connection)
 [1080p] Outputs 1080 lines of progressive video. (only for HDMI connection)
 [1080i] Outputs 1080 lines of interlaced video.(only for HDMI connection)
 [720p] Outputs 720 lines of progressive video.(only for HDMI connection)
 [480p] Outputs 480 lines of progressive video.
 [480i] Outputs 480 lines of interlaced video.

Notes on Video Resolution
• Only resolutions supported by the TV are available.
• Depending on your TV, certain HDMI output resolutions may not work.
• If your TV does not accept your resolution setting, an abnormal picture appears on the screen. Please read TV's owner's manual then set the resolution that your TV can accept.
• If the HDMI jack is connected for TVs providing display information (EDID), you can not select resolutions that the TV does not accept.
• If the picture does not appear on the screen, change the TV's input source.
• If you turn off the TV or disconnect the HDMI cable during playback of the device, playback will pause. You have to click on the play button to play back again. For some TVs, when you change the TV mode, such condition specified above may happen.

5.1 Speaker Setup

	ON REMOTE
1 Open the settings menu:	**SETUP**
2 Scroll to the audio icon:	▲▼
3 Scroll right to enter the audio menu, then select 5.1 Speaker Setup:	► ▲ ▼ ENTER
4 Highlight the speaker you want to adjust:	◄ ►
5 Move between the options and change the settings:	▲ ▼ ◄ ►
6 Set the output level (volume) of a speaker: Anywhere between -5dB and +5dB. Size : Since the speaker setting are fixed, you cannot change the setting.	◄ ►
7 Set the distance each Speaker is away from your set watching position. This ensures that all sound reaches you perfectly synchronised. You cannot adjust the front or subwoofer speakers.	◄ ►
8 Test the signals of each speaker: Adjust the volume to your taste according to these signals.	◄ ►
9 Save your settings and exit the Setup menu:	**ENTER**

Adjust the audio settings

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 ▲▼ to scroll up and down through the delay amount, which you can set at anything between 0 and 300m sec.
The delay will vary depending on which digital TV channel you are on. If you change channel you may need to readjust the HD AV Sync.

Adjust the lock settings

To access the lock options, you must enter the 4-digit password. If you have not yet entered a password you are prompted to do so. Enter a 4-digit pass-word. Enter it again to verify. If you make a mistake while entering number, press CLEAR to delete numbers.
If you forget your password you can reset it. Press SETUP to display the Setup menu. Input '210499' and press ENTER. The password has now been cleared.

Rating – Select a rating level. The lower the level, the stricter the rating. Select [Unlock] to deactivate the rating.

Password – Sets or changes the password for lock settings.
   [New]: Enter a new 4-digit password using the numerical buttons then press ENTER. Enter the password again to confirm.
   [Change]: Enter the new password twice after entering the current password.

Area code – Select a code for a geographic area as the playback rating level. This determines which area's standards are used to rate DVDs controlled by the parental lock. See the Area Codes on page 21.

Adjust the others settings

DivX(R) Registration – We provide you with the DivX® VOD (Video On Demand) registration code that allows you to rent and purchase videos using the DivX® VOD service.
For more information, visit www.divx.com/vod.
Press ENTER when [Select] icon is highlighted and you can view the registra-tion code of the unit.

Setting the sound mode

VSM (VIRTUAL SOUND MATRIX) and Dolby Pro Logic II

You can select the Dolby Pro Logic II or Virtual sound. Press VSM to set the virtual sound or to change sound mode repeatedly.

[BYPASS] mode : Software with multichannel surround audio signals is played according to the way it was recorded.

2Ch source
   [PL II MOVIE] mode: The Movie mode is for use with stereo television shows and all programs encoded in Dolby Surround. The result is enhanced sound field directionality that approaches the quality of discrete 5.1-channel sound.
   [PL II MUSIC] mode: The Music mode is for use with any stereo music recordings.
   [PL II MATRIX] mode: The Matrix mode is the same as the Music mode except that the directional enhancement logic is turned off. It may be used to enhance mono signals by making them seem "larger." The Matrix mode may also find use in auto systems, where the fluctuations from poor FM stereo reception can otherwise cause disturbing surround signals from a logic decoder. The ultimate "cure" for poor FM stereo reception may be simply to force the audio to mono.
   [ON STAGE] mode: Simulates a large Concert hall
   [VIRTUAL] mode: Realtime 3D positioned sound rendering technology with stereo sources, optimized for stereo speakers. Listeners may expe-rience amazing virtual surround effects with their own multimedia play-ers.

5.1Ch source
   [VIRTUAL] mode: The Multichannel sound changes the sound in 5.1 ch into a virtual one in the 10.1 ch so that it provides such a feeling that you listen to the sound simultaneously from the right and left speakers and center speaker.

Set a pre-programmed sound field

This system has a number of pre-set surround sound fields. Select the one which best suits the programme you are watching by pressing EQ repeatedly to cycle through the options: NORMAL, NATURAL, AUTO EQ, POP, CLASSIC, ROCK, JAZZ
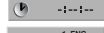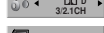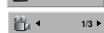
   [AUTO EQ]: AUTO EQ operates only in the MP3/ WMA files which include the information. (ID3 Tag is operated ver.1 only.) WMA file operates to Normal EQ regardless of Tag information.

Displaying Disc Information

	ON REMOTE
1 Press DISPLAY:	DISPLAY
2 Select a item:	▲▼
3 Adjust the Display menu settings:	◄ ►
4 To return the exit:	DISPLAY

Displaying Disc Information - more you can do

You can select an item by pressing ▲▼ and change or select the setting by pressing ◄ ►.

1/6	Current title (or track) number/total number of titles (or tracks)
4/26	Current chapter number/total number of chapters
-:--:--	Elapsed playing time
1 ENG DD D 3/2.1CH	Selected audio language or channel
1 KOR	Selected subtitle
1/3	Selected angle/total number of angles
Bypass	Selected sound mode

Symbol Used in this Manual

All discs and file listed below **ALL**
DVD and finalized DVD±R/RW **DVD**
DivX files **DivX**
MP3 files **MP3**
WMA files **WMA**
Audio CDs **ACD**

Playing a Disc or file

	ON REMOTE
1 Open the disc tray: (On unit: ▲)	-
2 Insert a Disc: (On unit)	-
3 Close the disc tray: (On unit: ▲)	-
4 Adjust the menu settings: or Select a file from the menu:	▲▼ ◄ ► ▲▼
5 Start the Disc playing:	► PLAY
6 To stop the Disc playing:	■ STOP

Playing a Disc or file - more you can do

Playing a DVD that has a menu **DVD**

Most DVD now have menus which load first before the film begins to play. You can navigate these menus using ▲▼ ◄ ► to highlight an option. Press ENTER to select.

Skip to the next/previous chapter/track **ALL**

Press SKIP (►►I) to move to the next chapter/track.
Press SKIP (I◄◄) to return to the beginning of the current chapter/track.
Press SKIP (I◄◄) twice briefly to step back to the previous chapter/track.

Pause playback **ALL**

Press PAUSE/STEP (II) to pause playback. Press PLAY (►) to continue playback.

Frame-by-Frame playback **DVD**

Press PAUSE/STEP (II) repeatedly to play title Frame-by-Frame.

Playing repeatedly **ALL**

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].

Fast forward or fast reverse `ALL`

Press SCAN (◄◄ or ►►) to play fast forward or fast reverse during playback. You can change the playback speed by pressing SCAN (◄◄ or ►►) repeatedly. Press PLAY (►) to continue play at normal speed.

Selecting a subtitle language `DVD` `DivX`

During playback, press S-TITLE (▢) repeatedly to select a desired subtitle language.

Slow down the playing speed `DVD`

While playback is paused, press SCAN (◄◄ or ►►) to slow down forward or reverse playback. You can change the various playback speed by pressing SCAN (◄◄ or ►►) repeatedly. Press PLAY (►) to continue play at normal speed.

Watch and listen 1.5 times faster `DVD` `ACD` `MP3` `WMA`

Press PLAY when a DVD is already playing to watch and listen to a DVD 1.5 times faster than normal playback speed. ► x1.5 will appear in the top right corner of the screen. Press PLAY again to return to normal playback speed.

Viewing the Title menu `DVD`

Press TITLE to display the disc's title menu, if available.

Viewing the DVD MENU `DVD`

Press MENU to display the disc menu, if available.

Starting play from selected time `DVD` `DivX`

Searches for the starting point of entered time code. Press DISPLAY during playback and select the time clock icon. Input the required start time in hours, minutes, and seconds press ENTER. If you enter the wrong number, press CLEAR to enter again.

Last Scene Memory `DVD`

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 player or switch off(Stand-by mode) the unit. If you load a disc that has the scene memorized, the scene is automatically recalled.

Mixed disc or USB Flash Drive – DivX, MP3/WMA and JPEG

When playing a disc or USB Flash Drive containing with DivX, MP3/WMA and JPEG files together, you can select which menu of files you would like to play by pressing TITLE

Changing the character set to display DivX® subtitle correctly `DivX`

If the subtitle does not display properly during playback, press and hold S-TITLE for about 3 seconds then press S-TITLE to select another language code until the subtitle is displayed properly

DivX file requirement `DivX`

DivX disc compatibility with this player is limited as follows:
*   Available resolution size: 800x600 (W x H) pixel
*   The file name of the DivX subtitle is available by 45 characters.
*   If there is impossible code to express in the DivX file, it may be displayed as " _ " mark on the display.
*   If the number of the screen frame is over 30 per 1 second, this unit may not operate normally.
*   If the video and audio structure of recorded files are not interleaved, either video or audio is outputted.
*   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.
*   MPEG4 file extensions: ".avi", ".mpg", ".mpeg"
*   Playable DivX subtitle: SubRip(*.srt/*.txt) ,SAMI(*.smi), SubStation Alpha(*.ssa/*.txt) MicroDVD(*.sub/*.txt) SubViewer 2.0(*.sub/*.txt) TMPlayer(.txt), DVD Subtitle System(.txt) (Files (VobSub(.sub)) included with USB device is not supported)
*   Playable Codec format: "DIVX3.xx", "DIVX4.xx ", "DIVX5.xx", "MP43", "3IVX"
*   Playable Audio format: "AC3", "DTS", "PCM", "MP3", "WMA"
*   Sampling frequency: within 32 - 48 kHz (MP3), within 24 - 48kHz (WMA)
*   Bit rate: within 32 - 320kbps (MP3), 40 - 192kbps (WMA)
*   CD-R/RW, DVD±R/RW Format: ISO 9660
*   Maximum Files/Disc: Less than 999 (total number of files and folders)

Creating your own program `ACD` `MP3` `WMA`

You can play the contents of a disc in the order you want by arranging the order of the music files on the disc. The program is cleared when the disc is removed. Select a desired music file then press PROG./MEMO. or select " ♫➡ " and then press ENTER to add the music file to the program list. To add all music files on the disc, select " ♫➡ " and then press ENTER. Select a music file from the program list then press ENTER to start programmed playback.To clear a music file from the program list, select the music file you want to clear then press CLEAR or select " ♫ " icon and then press ENTER. To clear all music files from the program list, select " ♫ " then press ENTER.

Displaying file information (ID3 TAG) `MP3`

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

MP3/WMA music file requirement

MP3/WMA compatibility with this unit is limited as follows:
- File extensions: ".mp3", ".wma".
- Sampling frequency: within 32 - 48 kHz (MP3), within 24 - 48kHz (WMA)
- Bit rate: within 32 - 320kbps (MP3), 40 - 192kbps (WMA)
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Disc: Less than 999 (total number of files and folders)

Screen Saver

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

Repeating a specific portion (A-B) `DVD`

Press REPEAT A-B at the beginning of the portion you wish to repeat and again at the end of the portion. Your selected portion will be repeated continually. To return to normal playback, press REPEAT A-B to select [OFF].

Hearing a different audio `DVD` `DivX`

During playback, press AUDIO (⊙») repeatedly to switch between the available audio languages or encoding methods.

Viewing photo files

	ON REMOTE
1 Open the disc tray: (On unit: ⏏)	-
2 Insert a disc: (On unit)	-
3 Close the disc tray: (On unit: ⏏)	-
4 Select a photo file:	▲▼
5 Display the selected file in full screen:	ENTER
6 To return to the menu:	■ STOP

Viewing photo files - more you can do

Viewing photo files as a slide show

Use ▲▼ ◄ ► to highlight (▦) icon then press ENTER to start slide show. You can change slide show speed using ◄ ► when (▦) icon is highlighted.

Skip to the next/previous photo

Press SKIP (I◄◄ or ►►I) to view the previous/next photo.

Rotate a photo

Use ▲▼ ◄ ► to rotate the photo in full screen mode.

Pause a slide show

Press PAUSE/STEP (II) to pause a slide show. Press PLAY (►) to continue the slide show.

Photo file requirement

JPEG file compatibility with this unit is limited as follows:
- File extensions: ".jpg"
- Photo size: Less than 2MB recommended
- CD-R/RW, DVD±R/RW Format: ISO 9660
- Maximum Files/Disc: Less than 999 (total number of files and folders)

Listening to the radio

Be sure that both FM and AM aerials are connected.

	ON REMOTE
1 **Turn the power on:**	**POWER**
2 **Select either FM or AM:**	**FUNCTION**
3 **Select a radio station:**	**TUN-/+**
4 **To 'save' a radio station:** A preset number will show in the display.	**PROG/MEMO.**
5 **To select a 'saved' station input the preset number:** Up to 50 radio stations can be saved.	**PRESET-/+**
6 **To confirm press:**	**PROG/MEMO.**

Listening to the radio - more you can do

Look for radio stations automatically

Press and hold TUN.-/TUN.+ for more than a second. The tuner will scan automatically and stop when it finds a radio station.

Choose a preset number for a radio station

When storing a radio station, the preset number can be chosen. When the player automatically shows a preset number, press PRESET -/+ to change it. Press PROG./MEMO. to save your chosen number.

Delete all the saved stations

Press and hold PROG./MEMO for two seconds. ERASE ALL will flash up on the DVD receiver display. Press PROG./MEMO to erase all saved radio stations.

Improve poor FM reception

Press PLAY (▶) (MONO/ST). This will change the tuner from stereo to mono and usually improve the reception.

Listening to music from your portable player

The player can be used to play the music from many types of portable player
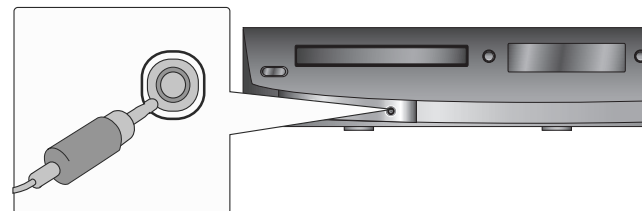
	ON REMOTE
1 **Connect** the portable player by plugging the unit into PORT. IN on the front of the player.**:**	**-**
2 **Turn the power on:**	**POWER**
3 **Select the PORTABLE function:**	**INPUT**
4 **Turn the portable player on and start it playing:**	**-**

Listening to music from your USB device

The advantage of connecting your portable USB player through the system's USB port is that the USB device can be controlled from the system.

	ON REMOTE
1 **Connect** the USB device to the unit using a USB cable (not supplied).**:**	-
2 **Select the USB function:**	**INPUT**
3 **Select a file from the menu:**	▲▼
4 **Start your music playing:**	▶
5 **Before disconnecting** the portable USB device, change to any other function by pressing:	**FUNCTION or INPUT**
6 **Remove** the USB device**:**	-

Listening to music from your USB device - more you can do

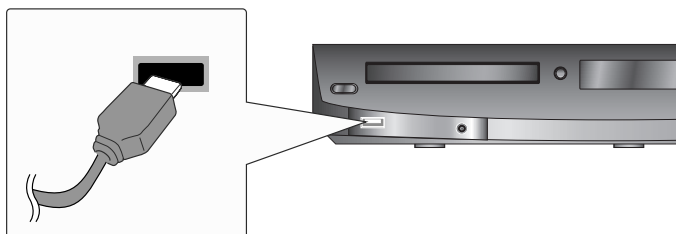### Compatible USB Devices

- Devices which require additional program installation when you have connected it to a computer, are not supported.
- MP3 Player : Flash type MP3 player.
  The MP3 player requiring installation of a driver is not supported.
- USB Flash Drive : Devices that support USB2.0 or USB1.1.

USB device requirement

- **Do not extract the USB device in operating.**
- A back up demands to prevent a data damage.
- If you use a USB extension cable or USB hub, the USB device might not be recognized.
- A device using NTFS file system is not supported. (Only FAT (16/32) file system is supported.)
- The USB function of this unit does not support all USB devices.
- Digital camera and mobile phone are not supported.
- This unit is not supported when the total number of files is 1000 or more.
- If the drive of USB device is two or more, a drive folder is displayed on the screen. If you want to move to the previous menu after you select a folder, press RETURN.

5.1ch ez Set-up

Listen to sound from TV, DVD and Digital Device with vivid 5.1ch mode. Even in power off mode, if you press HT SPK, then power is on and automatically changed to AUX OPT mode.
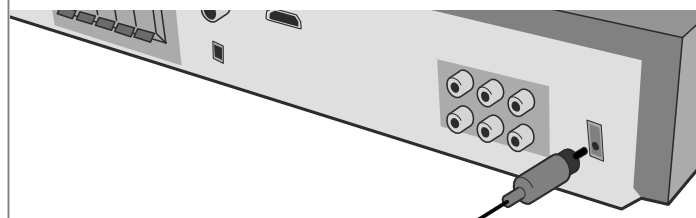
	ON REMOTE
1 **Connect** the unit's OPTICAL IN jack to jack on optical out of your TV (or Digital Device etc.).**:**	-
2 **Select the AUX OPT:** To select the AUX OPT directly	**TV→HT SPK**
3 **Listen sound with 5.1ch speaker.:**	-
4 **To escape from AUX OPT**	**FUNCTION or INPUT**

Listening to music from your iPod

iPod mode: You can operate your iPod by using the supplied remote control and controls on your iPod. TV screen is turned off. iPod will not be charged when selecting the iPod mode. But you can enjoy better sound quality.

OSD iPod mode: You can operate your iPod by controlling OSD menu on the TV screen with supplied remote control. The controls on your iPod are not operational in the OSD iPod mode. If you want to charge the iPod while listening music, selects the OSD iPod mode.

iPod stand

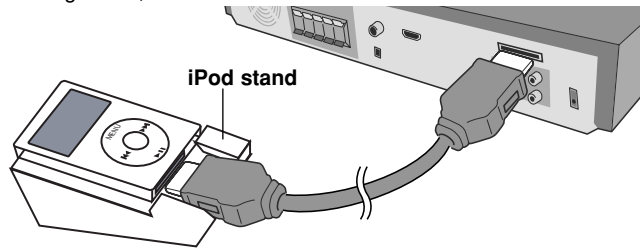|	ON REMOTE
1 Connect the iPod by plugging the unit into iPod on the rear of the unit.**:**	**-**
2 Turn the power on:	**POWER**
3 Select the iPod or OSD iPod function:	**INPUT**
4 Select the menu:	**▲ ▼ ENTER**
5 Select a file:	**▲ ▼**
6 Start the file playing:	**▶ PLAY**
7 To stop the file playing:	**■ STOP**
8 Before disconnecting the iPod, change to any other function by pressing:	**FUNCTION or INPUT**
9 Remove the iPod**:**	**-**

Listening to music from your iPod - more you can do

Pause playback `OSD iPod mode` `iPod mode`

Press PAUSE/STEP (❚❚) to pause playback. Press PLAY (▶) to continue playback.

Skip to the next/previous file `OSD iPod mode` `iPod mode`

Press SKIP (▶▶❘) to move to the next file.
Press SKIP (❘◀◀) to return to the beginning of the current file.
Press SKIP (❘◀◀) twice briefly to step back to the previous file.

Fast forward or fast reverse `OSD iPod mode` `iPod mode`

During playback, press and hold SCAN (◀◀ or ▶▶) and then release at a point you want.

Playing repeatedly `OSD iPod mode`

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].

iPod message `OSD iPod mode`

"Please, check your iPod" - If the power of your iPod is insufficient or the iPod is misconnected or unknown device. Reset the iPod if the iPod is not operating normally (Refer to http://www.apple.com/support/)

Compatible iPod

• When the unit is connected with dock connector may result in malfunctions
• Compatibility with your iPod may vary depending on the type of your iPod.
• Depending on your iPod's software version, it may not be possible to control your iPod from the unit. We recommend installing the latest software version.

When you use iPod, look out for the following

• Interference may happen depending on iPod devices.
• The video or photo file is not displayed.

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Controlling your TV with the supplied Remote Control

You can control the sound level, input source, TV's channel and power switch of your LG TV with the supplied remote control.

Controlling other TV's with the remote control

You can control the sound level, input source, TV's channel and power switch of non-LG TVs as well. If your TV is listed in the table, set the appropriate manufacturer code. While holding down TV POWER button, press the number buttons to select the manufacturer code for your TV. Release TV POWER button.

Manufacturer	Code Number
ADMIRAL	16,33,37,44,45
AIWA	70
AKAI	01
AMARK	09
AOC	01
BELL & HOWELL	33
BROKSONIC	18,19
CANDLE	51
CCE	07
CENTURION	08
CINERAL	43
CITIZEN	49,50,51,52,53,54,55
CORONADO	09
CROWN	09
CURTIS MATHES	01,03,08,33,35,37,44
DAEWOO	16,38,39,40,41,42,43
DAYTRON	01,08
EMERSON	01,09,16,17,18,19
FISHER	28,29
FUNAI	46,47
GENERAL ELECTRIC	03,10,11,13,37,44
GRADIENTE	01,56,57,63,67
HITACHI	09,14,15,43
JC PENNEY	01,08,10,27,35
JVC	20,21,63,67
KIOTE	43
KMC	09
KTV	01,08,09,31
LG (GOLDSTAR)	01,07,08,09,35,39,40
LODGENET	33
LOGIK	33
LXI	09,24,25,26,27,28,29
MAGNAVOX	01,02,04,05,06,07,08,09,20,34,35,43,51,61,62,65
MAJESTIC	33
MARANTZ	01,32
MEMOREX	33
MGA/MITSUBISHI	01,08,32,34

Manufacturer	Code Number
MONTGOMERY	01,06,08,09
WARD	23,24,32,33,34
NEC	01,08
NOBLEX	07
PACKARD BELL	43
PANASONIC	07,11,13,25,35,36
PHILCO	01,06,07,08,09,15,38,43,58
PHILIPS	06,07,43,61,62,65
PIONEER	30
PORTLAND	09
PROSCAN	03,37,44
QUASAR	11,13
RADIO SHACK	16,17,23
RCA	01,03,37,44,69
REALISTIC	16,17,23
SAMPO	08
SAMSUNG	01,08,09,25,68
SANYO	28,29
SCOTT	01,08
SEARS	09,25,26,27,28,29
SEMP	64
SHARP	09,22,23,24,60,66
SIGNATURE 2000	01,06,08,09,10,23,24,33,34
SONY	12,62
SOUNDESIGN	51
SYLVANIA	01,04,05,06,07,08,35,51
SYMPHONIC	46,47
TATUNG	11
TEKNIKA	07,09,16,33,51
TELERENT	09,33
THOMSON	69
YORX	08
TOSHIBA	01,25,26,27,64
WARDS	01,06,08,09,10,33,34
XR1000	48
ZENITH	01, 02,33,59

Language Codes

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

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

Area Codes

Choose a area code from this list.

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

Troubleshooting

PROBLEM	CAUSE	CORRECTION
No power	The power cord is disconnected.	Plug the power cord into the wall outlet securely.
No picture	The TV is not set to receive the DVD signal.	Select the appropriate video input mode on the TV so the picture from the DVD Receiver appears on the TV screen.
	The video cables is not connected securely.	Connect the video cables securely to both the TV and DVD Receiver.
There is little or no sound	Equipment connected via the audio cable is not set to receive DVD signal output.	Select the correct input mode of the audio receiver so you can hear the sound from the DVD receiver.
	The audio cables are not connected to the speakers or receiver securely.	Connect the audio cables into the connection terminals correctly.
	The audio cables are damages.	Replace with a new audio cable.
The DVD picture quality is poor	The disc is dirty.	Clean the disc using a soft cloth with outward strokes.
A DVD/CD will not play	No disc is inserted.	Insert a disc
	An unplayable disc is inserted.	Insert a playable disc (check the disc type, colour system and regional code).
	The disc is inserted upside down.	Place the disc with the label or printed side facing upwards.
	The menu is open on screen.	Press SETUP to close the menu screen.
	There is a parental lock which prevents the playback of DVDs with a certain rating.	Enter your password or change the rating level.
Humming noise heard while a DVD or CD is playing	The disc is dirty.	Clean the disc using a soft cloth with outward strokes.
	The DVD receiver is located too close to the TV, causing feedback.	Move DVD receiver and audio components further away from your TV.
Radio stations can't be tuned in properly	The antenna is positioned or connected poorly.	Check the antenna connection and adjust its position.
		Attach an external aerial if necessary.
	The signal strength of the radio station is too weak.	Tune to the station manually.
	No stations have been preset or preset stations have been.cleared(when tuning by scanning preset channels).	Preset some radio stations, see page 17 for details.
The remote control doesn't work well / at all	The remote is not pointed directly at the DVD receiver.	Point the remote directly at the unit.
	The remote is too far from the DVD receiver.	Use the remote within 23 feet (7m) of the DVD receiver.
	There is an obstacle in the path of the remote control and the unit.	Remove the obstacle.
	The batteries in the remote control are flat.	Replace the batteries with new ones.

Types of Playable Discs

Type	Logo
DVD-VIDEO: Discs such as movies that can be purchased or rented.	DVD VIDEO
DVD-R: Video mode and finalized only	DVD R
DVD-RW: Video mode and finalized only DVD VR format that have been finalized can not be played in this unit	DVD RW
DVD+R: Video mode only Supports the double layer disc also	RW DVD+R
DVD+RW: Video mode only	RW DVD+ReWritable
Audio CD:	COMPACT DIGITAL AUDIO

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.

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Manufactured under license under U.S. Patent #'s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS and DTS Digital Surround are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2007 DTS, Inc. All Rights Reserved.

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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 DVD video disc.

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 player, the message "Check Regional Code" appears on the TV screen.

Copyrights

It is forbidden by law to copy, broadcast, show, broadcast via cable, play in public, or rent copyrighted material without permission. This product features the copy protection function developed by Macrovision. Copy protection signals are recorded on some discs. When recording and playing the pictures of these discs picture noise will appear. This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

CONSUMERS SHOULD NOTE THAT NOT ALL HIGH DEFINITION TELEVISION SETS ARE FULLY COMPATIBLE WITH THIS PRODUCT AND MAY CAUSE ARTIFACTS TO BE DISPLAYED IN THE PICTURE. IN CASE OF 525 OR 625 PROGRESSIVE SCAN PICTURE PROBLEMS, IT IS RECOMMENDED THAT THE USER SWITCH THE CONNECTION TO THE 'STANDARD DEFINITION' OUTPUT. IF THERE ARE QUESTIONS REGARDING OUR TV SET COMPATIBILITY WITH THIS MODEL 525p AND 625p UNIT, PLEASE CONTACT OUR CUSTOMER SERVICE CENTER.

Specifications

General

Power supply	Refer to main label.
Power consumption	Refer to main label.
Net Weight	3.9 kg
External dimensions (W x H x D)	430 x 73 x 305 mm
Operating conditions Temperature	5°C to 35°C,
	Operation status: Horizontal
Operating humidity	5% to 85%
Laser	Semiconductor laser,
	wavelength 650 nm

Tuner FM/AM [MW]

FM Tuning Range	87.5 - 108.0 MHz or 65.0 - 74.0 MHz, 87.5 - 108.0 MHz
FM Intermediate Frequency	10.7 MHz
AM Tuning Range	522 - 1,620 kHz or 520 - 1,720 kHz
AM Intermediate Frequency	450 kHz

Amplifier

Stereo mode	155 W + 155 W (4Ω at 1 kHz, THD 10 %)
Surround mode Front:	155 W + 155 W (THD 10%) Center*: 155 W
	Surround*: 155 W + 155 W
	(4Ω at 1 kHz, THD 10 %)
	Subwoofer*: 225 W (3Ω at 30 Hz, THD 10 %)

Speakers

	Front/Rear Speaker	Center speaker	Passive Subwoofer
Type	1 Way 1 Speaker	1 Way 1 Speaker	1Way1Speaker
Impedance	4 Ω	4 Ω	3 Ω
Rated Input Power	155 W	155 W	225 W
Max. Input Power	310 W	310 W	450 W
Net Dimensions (W x H x D)	98 x 226 x 90 mm	360 x 106 x 104 mm	161 x 401 x 383mm
Net Weight	0.8 kg	1.0 kg	5.8 kg

Designs and specifications are subject to change without pior 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.

WARRANTY PERIOD:	HOW SERVICE IS HANDLED:
LABOR: 90 days from the Date of Purchase. **PARTS: One Year** from the Date of Purchase. * Parts replaced are warranted for the remaining portion of the original warranty period.	**Call 1-800-243-0000** for instructions on getting the defective unit repaired or replaced. **Please retain dated sales receipt and your box** to return the unit to LG for repair or replacement. Shipping both ways will be paid by LG during the first 90 days of the Warranty Period. During the remainder of the Warranty Period (91-365 days), you pay inbound shipping charges and LG pays return shipping charges. Visit our website at: **http://us.lgservice.com**

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THIS LIMITED WARRANTY DOES NOT APPLY TO:

• 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 website at **http://us.lgservice.com**