




**Model : HT904TA (HT904TA, SH94TA-F/S/C/W)
HT904PA (HT904PA, SH94PA-F/S/C/W)
HT904SA (HT904SA, SH94SA-S/C/W)**

| | | |
|--|---|--------------------------------|
| Full HD up-scaling (1080p) (Go to page 6) | Home theater Speaker ez Set-up (Go to page 15) | |
| USB Direct Recording (Go to page 17) | Made for iPod (Go to page 18) | Portable In (Go to page 19) |



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P/NO : MFL6020747



Safety Precaution



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.

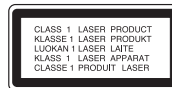
WARNING : Do not install this equipment in a confined space such as a book case or similar unit.

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 over heating. The openings shall be never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.

CAUTION : This product employs a Laser System.

To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Shall the unit require maintenance, contact an authorized service center.



Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.

To prevent direct exposure to laser beam, do not try to open the enclosure. Visible laser radiation when open. DO NOT STARE INTO BEAM.

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

CAUTION 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.

- The appliance is not intended for use by young children or infirm persons without supervision.
- Young Children should be supervised to ensure that they do not play with appliance.
- If the appliance is supplied from a cord extension set or an electrical portable outlet device, the cord extension set on electrical portable outlet device must be positioned so that it is not subject to splashing or ingress of moisture.

Welcome to your new DVD Receiver

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What is SIMPLINK?

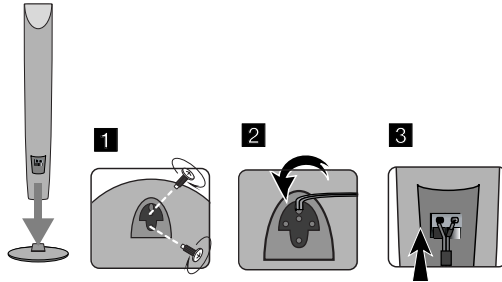
Some functions of this unit are controlled by the TV's remote control when this unit and LG TV with SIMPLINK are connected through the HDMI connection.

- 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.

- "Made for iPod" means that an electronic accessory has been designed to connect specifically to iPod 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

Setting up

The speakers are detached from the speaker stands.



Assembling the Speakers (HT904TA, HT904PA)

- 1 Attach the speakers to the speaker stands by rotating the screw.**
- 2 If you want to arrange the speaker cable, draw the speaker cable through the hole on the speaker.**
- 3 Connect the speaker cable.**

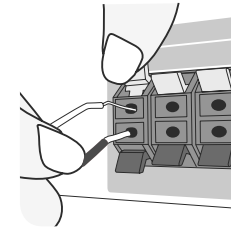
Attaching the speakers to the DVD receiver

- 1 You will have received six speaker cables.**
Each one is colour-coded by a band near each end and connects 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 rear 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 black end of each wire to the terminals marked -(minus) and the other end to the terminals marked + (plus).



3 Connect the wires to the speakers.

Connect the other end of each wire to the correct speaker according to the colour coding:

| Main Unit | SPEAKER | POSITION |
|------------|---------|--|
| REAR R | Grey | Behind you and to your right. |
| FRONT R | Red | In front of you, to the right of the screen. |
| CENTER | Green | Above screen, directly in front of you. |
| SUB WOOFER | Orange | This can be placed in any front position. |
| REAR L | Blue | Behind you and to your left. |
| FRONT L | White | 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

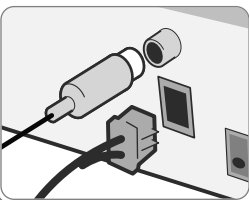
- Be careful to make sure children do not put their hands or any objects into the *speaker duct.
*Speaker duct: A holl for plentiful bass sound on speaker cabinet(enclosure).
- Use the rear speaker at least 30 CM away from either TV screen or PC monitor

Hooking up the unit

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

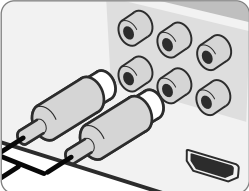
Check the jacks of your TV, and choose the **A**, **B** or **C** connection. Picture quality improves in order from **A** to **C**.

AM/ FM connection



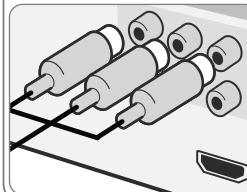
AM - Connect the AM loop aerial to the DVD receiver.
FM - Connect the FM aerial.
The reception will be its best when the two loose ends of the aerial are in a straight and horizontal line.

Audio In connection



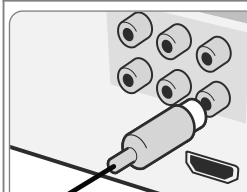
The unit's Audio jacks are colour coded (red for right audio and white for left audio). If your TV has only one output for audio (mono), connect it to the left (white) audio jack on the unit.

Component Video connection (B)



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

Video Out connection (A)



Connect the VIDEO OUTPUT(MONITOR) jack on the unit to the corresponding input jack on your TV using a Video cable.

2 Plug the power cord into the power source.

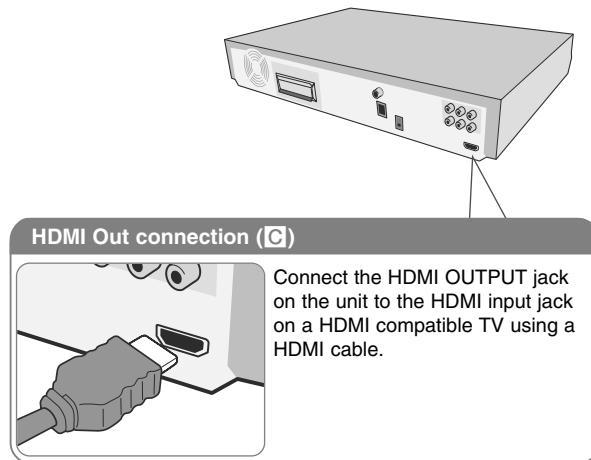
Hooking up the unit

Resolution Setting

You can change the resolution for component video and HDMI output. Press **RESOLUTION** repeatedly to select the desired resolution - 480i (or 576i), 480p (or 576p), 720p, 1080i, 1080p. The resolution may not be selected depending on the connection or TV.

- Depending on your TV, some of the resolution settings may result in the picture disappearing or an abnormal picture appearing. In this case, press **RESOLUTION** repeatedly until the picture re-appears.

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



Enjoying audio from an external source and selecting the function

You can enjoy audio from an external source through your unit. And You can select the function.

Press **FUNCTION** repeatedly to select the desired input source and the function (DVD/CD, USB, OSD IPOD, IPOD, AUX, AUX OPT, PORTABLE, FM, AM).

Available resolution according to connection

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)

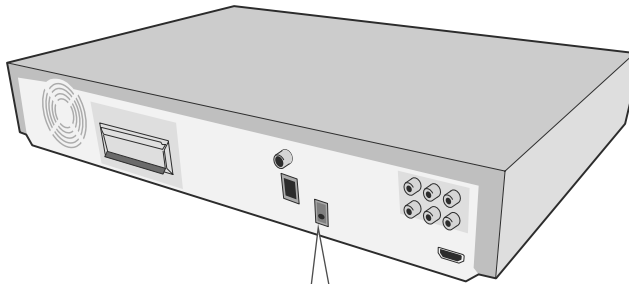
[VIDEO OUT]: 480i (or 576i)

[SCART]: 576i

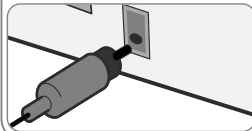
Notes on HDMI Out connection

- If your TV does not accept your resolution setting, abnormal picture appears on the screen. ("TV do not support" will appears in screen) Please read owner's manual for TV, and then set the resolution that your TV can accept.
- Changing the resolution when the unit is connected with HDMI connector may result in malfunctions. To solve the problem, turn off the unit and then turn it on again.
- When you connect 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 720X480i(576i), 720X480p(576p), 1280X720p, 1920X1080i or 1920X1080p video input.
 - The 1080p, 720p and 480p(576p) resolutions are the progressive scan applied resolution.
- Not all HDCP-compatible DVI devices will work with this unit.
 - The picture will not be displayed properly with non-HDCP device.

Hooking up the unit

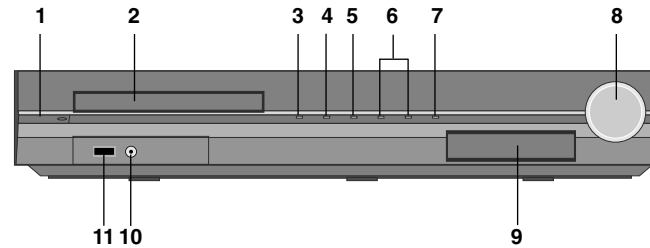


Digital Audio in connection



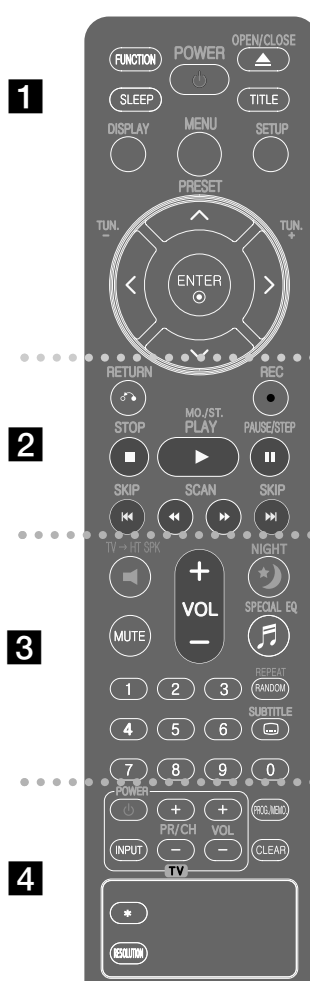
Connect the unit's OPTICAL IN jack to the optical out to jack on your TV (or Digital Device etc.)

Main Unit



- 1 Power (⏻/⏻)**
Turns the unit on and off.
- 2 DVD/CD Disc Drawer**
- 3 Open/Close (⏮)**
- 4 Play/Pause (▶/⏸)**
- 5 Stop (■)**
- 6 TUNING (-/+ (⏪⏩)), Skip/Search**
- 7 Function (FUNC.)**
Selects the function and input source.
(DVD/CD, USB, OSD IPOD, IPOD, AUX, AUX OPT, PORTABLE, FM, AM)
- 8 Volume (VOLUME)**
Controls the volume when using any function.
- 9 iPod Dock**
- 10 PORT. (Portable) IN port**
You can enjoy music from portable device on your unit.
- 11 USB port**
You can play video, image and sound files by connecting the USB device.

Remote control



8

1

FUNCTION : Selects the function and input source. (DVD/CD, USB, OSD IPOD, IPOD, AUX, AUX OPT, PORTABLE, FM, AM)

SLEEP : Sets the System to turn off automatically at a specified time. (Dimmer : The lighting of the touch buttons are turned off and the front panel display is dimmed.)

POWER : Switches the unit ON or OFF.

OPEN/CLOSE : Opens and closes the disc Drawer.

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

DISPLAY : Accesses On-Screen Display.

MENU : Accesses the menu on a DVD disc.

SETUP : Accesses or removes setup menu.

PRESET (Λ V) : Selects programme of Radio.

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

Λ V <> (up/ down/ left/ right) : Used to navigate on-screen displays.

ENTER : Acknowledges menu selection.

2

RETURN (↶) : moving backwards in the menu.or exited the setup menu.

REC (●) : USB Direct Recording.

STOP (■) : Stops playback or recording.

PLAY (▶), MO./ST. : Starts playback. Selects Mono/ Stereo.

PAUSE/STEP (⏸) : Pause playback.

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

SCAN (⏪/⏩) : Search backward or forward.

Put the batterie into the remote control

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

3

TV→HT SPK (Home theater Speaker ez Set-up) : Press TV→HT SPK to select the AUX OPT directly

REPEAT/RANDOM : To select a play mode. (Repeat, Random)

MUTE : To mute the sound.

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

NIGHT : The night mode is to improve listenalbe at lower volumes. (NIGHT↔NATURAL)

SPECIAL EQ (EQUALIZER effect) : You can choose sound impressions.

SUBTITLE : During playback, press SUBTITLE repeatedly to select a desired subtitle language .

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

4

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

Controlling the TV.

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.

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

CLEAR : Removes a track number on the Program List.

RESOLUTION : Sets the output resolution for HDMI and COMPONENT VIDEO OUT jacks.

* : This button is not available.

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.

| | ON REMOTE |
|---|----------------------------|
| 1 Turn the power on : The language list appears | POWER |
| 2 Select the language : | ^ V < > |
| 3 Press : | ENTER |
| 4 To confirm press : | < > and ENTER |

Initial Setting the Area Code - Optional

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

| | ON REMOTE |
|---|--|
| 1 Display setup menu : | SETUP |
| 2 Select LOCK menu on the first level: | ^ V |
| 3 Move to second level : The activated Area Code appears on the second level. : | > |
| 4 Move to the third level : | > |
| 5 Enter a new password : | numerical buttons (0-9) and ENTER |
| 6 Recheck the entered new password : | numerical buttons (0-9) and ENTER |
| 7 Select a code for a geographic area : After select, Rating and Password will be activated. (page 20) | ^ V < and ENTER |
| 8 To confirm what you press : Make sure to finish setting the Area Code before leaving the setup menu if you cannot set the rating and Password | ENTER |

Adjusting the general settings

| | ON REMOTE |
|--|-------------------|
| 1 Display setup menu : | SETUP |
| 2 Select a desired option on the first level : | ^ V |
| 3 Move to the second level : | > |
| 4 Select a desired option on the second level : | ^ V |
| 5 Move to the third level : | > |
| 6 Change the setting : | ^ V, ENTER |

Adjusting the settings - more you can do

Adjusting the language settings

Menu Language – Select a language for the Setup menu and on-screen display.

Disc Audio/ Disc Subtitle/ Disc Menu – Select a language for the Disc Audio/ Disc Subtitle/ Disc Menu.

[Original] : Refers to the original language in which the disc was recorded.

[Other] : 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 20). If you make a mistake before pressing ENTER, press CLEAR.

[Off] (for Disc Subtitle) : Turn off Subtitle.

Adjusting 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.

Adjusting 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

▲ ▼ (on the remote control) to scroll up and down through the delay amount, which you can set at anything between 0 and 300m sec.

5.1 Speaker Setup

| | ON REMOTE |
|--|-----------------------|
| 1 Open the settings menu: | SETUP |
| 2 Select to the audio icon: | ▲ ▼ |
| 3 Select right to enter the audio menu, then select 5.1 Speaker Setup: | > ▲ ▼ ENTER |
| 4 Select the speaker you want to adjust: | < > |
|  | |
| 5 Select a option and change the settings: | ▲ ▼ < > |
| 6 Set the output level (volume) of a speaker: from -5dB to +5dB. The speaker size setting are fixed, so you cannot change the setting. | < > |
| 7 If you connect speakers to your unit, setting the Distance lets the speakers to know how far the sound has to travel to reach your set listening point. This allows the sound from each speaker to reach the listener at the same time. | < > |
| 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: | RETURN |

Adjusting 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 password then press **ENTER**. Enter it again then press **ENTER** to verify. If you make a mistake while entering number, press **CLEAR** then correct it. If you forget your password you can reset it. First, remove the disc in the unit. 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 20.

Adjusting the others settings

DivX(R) VOD – 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 [DivX(R) VOD] is highlighted and you can view the registration code of the unit.

Enjoying a pre-programmed sound field

This system has a number of pre-set surround sound fields. You can select a desired sound mode by using **SPECIAL EQ/ NIGHT**. You can change the **SPECIAL EQ/ NIGHT** using < > arrow key while the **SPECIAL EQ/ NIGHT** information is displayed on.

The displayed items for the Equalizer may be different depending on sound sources and effects.



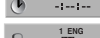
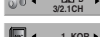
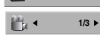
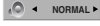

| ON DISPLAY | Description |
|---|---|
| NATURAL | You can enjoy comfortable and natural sound. |
| Local Specialization equalizer | Regionally optimized sound effect.(DANGDUT/ ARABIC/ PERSIAN/ INDIA/ REGUETON/ MERENGUE/ SALSA/ SAMBA) |
| AUTO EQ | Realizes the sound equalizer that is the most similar 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 file. It improves the bass sound. |
| CLEAR VOICE | This program make Voice sound clear, improving the quality of voice sound. (We encourage to use this EQ when you watch the movie of 5.1 channel.) |
| GAME EQ | You can enjoy more virtual sound while playing video games. |
| NIGHT MODE | The night mode is to improve listenalbe at lower volumes. |
| CINEMA MODE | You can enjoy more virtual sound while watching movies. |
| BASS | Reinforce the treble, bass and surround sound effect. |
| VIRTUAL | You can enjoy more virtual surround sound. |
| PLII MOVIE PLII MUSIC PLII MTRX(matrix) | Dolby Pro Logic II enables you to play stereo source on 5-channel. (We encourage a person to use the PLII MTRX.) |
| NORMAL(OFF) | You can enjoy the sound without equalizer effect. |

Displaying Disc Information

| | ON REMOTE |
|--------------------------------------|-----------|
| 1 Press DISPLAY : | DISPLAY |
| 2 Select an item : | ^ V |
| 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 ^ V and change or select the setting by pressing < >.

| | |
|---|--|
|  | Current title (or track/ file) number/ total number of titles (or tracks/ files) |
|  | Current chapter number/ total number of chapters |
|  | Elapsed playing time |
|  | Selected audio language or channel |
|  | Selected subtitle |
|  | Selected angle/ total number of angles |
|  | Selected sound mode |

Symbol Used in this Manual

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

Playing a Disc or file

| | ON REMOTE |
|--|----------------|
| 1 Insert a disc on unit : | ▲ OPEN/CLOSE |
| 2 Select a DVD/CD : | FUNCTION |
| 3 Adjust the menu settings : or Select a file from the menu : | ^ V < > ^ V |
| 4 Start the Disc playing : | ▶ PLAY |
| 5 To stop the Disc playing : | ■ STOP |

Playing a Disc or file - more you can do

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

Most DVDs now have menus which load first before the film begins to play. You can navigate these menus using ^ V < > to highlight an option. Press **PLAY** (▶) to select.

Skipping to the next/ previous chapter/ track/ file **ALL**

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

Pausing playback **ALL**

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

Frame-by-Frame playback **DVD** **DivX**

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

Playing repeatedly or randomly **ALL**

Press **REPEAT/RANDOM** repeatedly, and the current title, chapter or track will be played back repeatedly or randomly. To return to normal playback, press **REPEAT/RANDOM** repeatedly.

- Random play mode : only music files.

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 **SUBTITLE** (☐) repeatedly to select a desired subtitle language.

Slow down the playing speed **DVD** **DivX**

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** (▶) and **PLAY** (▶) to continue play at normal speed. The DivX file cannot be slow down reverse playback.

1.5 times faster playback **DVD**

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 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.

Starting play from selected time **DVD** **DivX**

Searches for the starting point of entered time code. Press **DISPLAY** then select clock icon. Enter a time then press **ENTER**. For example, to find a scene at 1 hour, 10 minutes, and 20 seconds, enter "11020" by using numerical buttons and 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 menu of files which you would like to play by pressing **MENU**. If "This file has non-supported type" pops up, select and appropriate file by pressing **MENU**.

Viewing the DVD MENU **DVD**

Press **MENU** to display the disc menu, if available.

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

If the subtitle does not display properly during playback, press and hold **SUBTITLE** for about 3 seconds then press < > or **SUBTITLE** to select another language code until the subtitle is displayed properly and then press **ENTER**.


DivX file requirement **DivX**

DivX disc compatibility with this player is limited as follows :

- Available resolution: within 720x576 (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).
- Playable Codec format : "DIVX3.xx", "DIVX4.xx", "DIVX5.xx", "MP4V3", "3IVX".
- Playable Audio format : "AC3", "DTS", "PCM", "MP3", "WMA".
- Sampling frequency : within 32 - 48 kHz (MP3), within 32 - 48kHz (WMA)
- Bit rate: within 32 - 320kbps (MP3), 40 - 192kbps (WMA)
- For Discs formatted in Live file system, you can not it on this player.
- 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 DivX spec, it may not operate normally.

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 musics on the disc. To add a music(s) on the program list, press

PROG/MEMO to enter the program edit mode ( mark appears on the menu). Select a desired music on the [List] by using the **▲ ▼** then press **ENTER** to add the music to the program list. Select music from the program list then press **ENTER** to start programmed playback. To clear a music from the program list, select the music you want to clear by using the **▲ ▼** then press **CLEAR** in program edit mode. To clear all music from the program list, select [Clear All] then press **ENTER** in program edit mode. The program is cleared when the disc is removed or the unit is turned off.

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 disc compatibility with this player is limited as follows :




- Sampling frequency : within 32 - 48 kHz (MP3), within 32 - 48kHz (WMA)
- Bit rate : within 32 - 320kbps (MP3), 40 - 192kbps (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.

Viewing photo files

| | ON REMOTE |
|--|---|
| 1 Insert a disc on unit : |  OPEN/CLOSE |
| 2 Select a DVD/CD : | FUNCTION |
| 3 Select a photo file : | ▲ ▼ |
| 4 Display the selected file in full screen : |  PLAY |
| 5 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 **PLAY** () to start slide Show. You can change slide show speed using **< >** when () icon is highlighted. Depending on the size and resolution of JPEG files, it may take longer for slide show to be set.




Skipping to the next/ previous photo

Press **SKIP** ( or ) or **< >** to view the previous/ next photo.

Rotating a photo

Use **▲ ▼** to rotate the photo in full screen counterclockwise or clockwise while viewing a photo in full screen.

Pausing a slide show

Press **PAUSE/STEP** () to pause a slide show. Press **PLAY** () or **PAUSE/STEP** () to continue the slide show.

Listening to music during slide show



You can listen to music during slide show, if the disc contain music and photo files together. Use **▲ ▼ < >** to highlight () icon then press **PLAY** () to start slide show. This function is available only in disc.

Photo file requirement

JPEG disc compatibility with this player 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

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 Select the preset number : Up to 50 radio stations can be saved. | PRESET ^ V |
| 6 To confirm press : | PROG/MEMO. |
| 7 To select a 'saved' station input the preset number : | PRESET ^ V |

Listening to the radio - more you can do

Looking 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.

Deleting all the saved stations

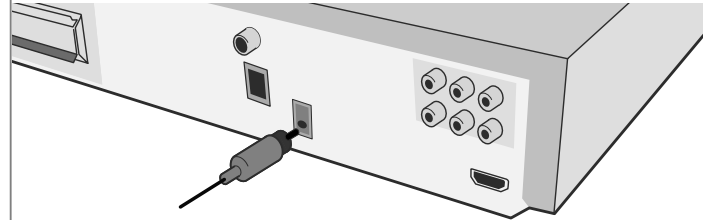
Press and hold **PROG./MEMO.** for two seconds. ERASE ALL will flash up on the DVD receiver display. Press **PROG./MEMO.** to erase all saved radio stations.

Improving poor FM reception

Press **PLAY (▶) (MO./ST.)** on the remote control. This will change the tuner from stereo to mono and usually improve the reception.

Home theater Speaker ez Set-up

Listen to sound from TV, DVD and Digital Device with 5.1(2.1 or 2)ch mode. Even in power off mode, if you press TV→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 5.1(2.1 or 2)ch speaker.: | - |
| 4 To escape from AUX OPT: Function is retuned to previous one. | TV→HT SPK |

Using an USB device

You can enjoy media files saved on an USB device by connecting the USB device to the USB port of the unit.
If you want to operate other function, see the CD playback section.

| | ON REMOTE |
|--|-----------------|
| 1 Connect the USB device to the USB port of the unit. | - |
| 2 Select the USB function | FUNCTION |
| 3 Select a file you want to play | ^ v |
| 4 Start your media playing | ▶ PLAY |
| 5 To stop, press | ■ STOP |
| 6 Before disconnecting the portable USB device, change to any other function. | FUNCTION |

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 all USB devices.

USB device requirement

- Devices which require additional program installation when you have connected it to a computer, are not supported.

Look out for the follows.

- **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 1000 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.

| Recording to USB | |
|--|--|
| | ON REMOTE |
| 1 Connect the USB device to the unit | - |
| 2 Select a mode in which you want to record (ex. CD/ TUNER...) Play back a sound source first If you want to record desired music file in Disc to USB, record after playing back the file. | FUNCTION ▲ V and ► PLAY |
| 3 Start the recording | ● REC |
| 4 To stop recording, press | ■ STOP |

Recording to USB - more you can do

Recording Music file in disc source to USB

One track recording

If the USB recording is played during playback of the CD, the one track/ file would be recording into the USB.

All tracks recording

If the recording button is pressed at the CD stop, all tracks/ files would be recording.

- The files in the sub-folders are not recorded during all track recording.
- If you want to all tracks recording during playback, press stop twice. check the "■" on the screen.

Program list recording

USB records after creating your own program if you want to record the track you want (AUDIO CD Only).

When you are recording, look out for the following

- 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 available.
- 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 128Mbyte (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
- You may not record more than 999 files.
- **It'll be stored as follows.**

| AUDIO CD | MP3/ WMA | The other sources (Tuner, AUX, Portable) |
|---|---|--|
| ■ CD_REC TRK_001 TRK_002 | ■ FILE_REC 001_ABC(File name) 002_DEF(File name) | ■ EXT_REC AUDIO_001 AUDIO_002 |

The making of unauthorized copies of copy-protected 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.

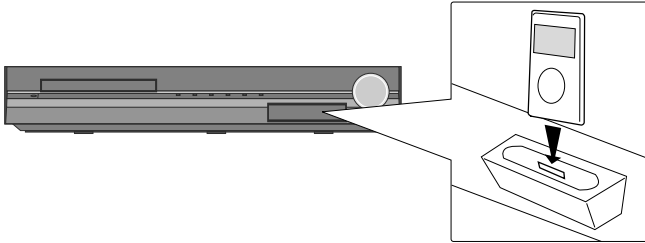
**Be responsible
Respect copyrights**

Playing the iPod

For detail refer to iPod guide.

iPod mode: You can operate your iPod by using the supplied remote control and directly control on your iPod.

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.



| | ON REMOTE |
|---|-----------------|
| 1 To open the iPod dock.: (On unit: iPod ▲) | - |
| 2 Connect your iPod to the dock on the front of unit.: | - |
| 3 Turn the power on: | POWER |
| 4 Select the OSD iPod or iPod function: | FUNCTION |
| 5 Select the menu: If you want to move backwards in the menu, press MENU | ▲ V and ENTER |
| 6 Select a file: | ▲ V |
| 7 Start the file playing: | ▶ PLAY or ENTER |
| 8 To stop the file playing: | ■ STOP |
| 9 Before disconnecting the iPod, change to any other function by pressing: | FUNCTION |
| 10 Remove the iPod: | - |

Playing the iPod - more you can do

Pausing playback

Press **PAUSE/STEP (II)** or **PLAY (▶)** to pause playback. Press **PAUSE/STEP (II)** or **PLAY (▶)** to continue playback.

Skipping to the next/previous file

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

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

Video files: During playback, press **SCAN (◀◀ or ▶▶)**. Press **PLAY (▶)** continue play at normal speed.

Playing repeatedly

Press **MODE** repeatedly to select an item to be repeated. The current file will be played back repeatedly. To return to normal playback, press **MODE** repeatedly. (On video files, this function is not available.)

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/>)

“Connect Video Out(only composite) from the HTS to the TV and switch TV input accordingly.”, **“Please, Control through an iPod’s display.”** - When you connect the unit and TV to COMPONENT VIDEO OUT or HDMI OUT, connect the unit and TV to VIDEO OUT.

Compatible iPod


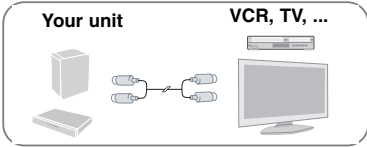
- When the unit is connected with dock connector may result in malfunctions
- Compatibility with your iPod may vary depending on the type of your iPod.
- Depending on your iPod’s software version, it may not be possible to control your iPod from the unit. We recommend installing the latest software version.

When you use iPod, look out for the following

- Interference may happen depending on iPod devices.
- The video files are outputted only when you connect the unit to VIDEO OUT.

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 device.

| | ON REMOTE |
|--|-----------------|
| <p>1 Connect the portable player to the PORT.IN(PORTABLE IN) connector of the unit.</p>  <p style="text-align: center;">Or</p> <p>Connect the external device to the AUX connector of the unit. > If your TV has only one output for audio(MONO). connect it to the left(white) audio jack on the unit.</p>  | - |
| 2 Turn the power on | POWER |
| 3 Select the PORTABLE or AUX function | FUNCTION |
| 4 Turn the portable external device and start it playing | - |

Other operations

Fall asleep while listening to your player

Press **SLEEP** one or more times to select delay time between 10 and 180 minutes, after the player 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.

DIMMER

Press **SLEEP** once. The LED (Light-emitting diode) of front panel is turned off and the display window will be darkened by half. To cancel it, press **SLEEP** repeatedly until dim off.

Screen Saver

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

System Select - Optional

You must select the appropriate system mode for your TV system. If "NO DISC" appears in the display window, press and hold **PAUSE/STEP (II)** on the remote control for more than five seconds to be able to select a system. (PAL/NTSC)

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 | Twì | 8487 |
| Azerbaijani | 6590 | Fiji | 7074 | Italian | 7384 | Moldavian | 7779 | Serbo-Croatian | 8372 | Ukrainian | 8575 |
| Bashkir | 6665 | Finnish | 7073 | Japanese | 7465 | 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 | uaw |
| 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 are 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 damaged. | 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 15 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 between 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-R : Video mode and finalized only |  |
| DVD-RW : Video mode and finalized only DVD VR format that have been finalized can not be played in this unit |  |
| DVD+R : Video mode only Supports the double layer disc also |  |
| DVD+RW : Video mode only |  |
| Audio CD : Music CDs or CD-R/ CD-RW in music CD format that can be purchased. |  |


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 from Dolby Laboratories.

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.

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

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 U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. 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.

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)

Specifications

| General | | | |
|----------------------------------|---|------------------|-------------------|
| Power supply | 200 – 240V, 50/ 60Hz | | |
| Power consumption | 130W | | |
| Net Weight | 3.9 kg | | |
| External dimensions (W x H x D) | 430 x 73 x 327 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 | | |
| FM Intermediate Frequency | 128 kHz | | |
| AM Tuning Range | 522 - 1,620 kHz, 520 - 1,710 kHz or 522 - 1,710kHz | | |
| AM Intermediate Frequency | 45 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 (HT904SA) | | | |
| | 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 | 155W | 225 W |
| Max. Input Power | 310 W | 310 W | 450 W |
| Net Dimensions (W x H x D) | 96x240x 108mm | 350 x 105 x 93mm | 216x405x310 mm |
| Net Weight | 0.8 kg | 0.9 kg | 5.42 kg |

Designs and specifications are subject to change without prior notice.

Specifications

| Speakers (HT904PA) | | |
|----------------------------|--------------------|--------------------|
| | Front Speaker | Rear speaker |
| Type | 2 Way 3 Speaker | 1 Way 1 Speaker |
| Impedance | 4 Ω | 4 Ω |
| Rated Input Power | 155 W | 155 W |
| Max. Input Power | 310 W | 310 W |
| Net Dimensions (W x H x D) | 290 x 1150 x 290mm | 96x240x 108mm |
| Net Weight | 4.3 kg | 0.8 kg |
| | Center Speaker | Passive Subwoofer |
| Type | 2 Way 3 Speaker | 1Way1Speaker |
| Impedance | 4 Ω | 3 Ω |
| Rated Input Power | 155 W | 225 W |
| Max. Input Power | 310 W | 450 W |
| Net Dimensions (W x H x D) | 350 x 105 x 93 mm | 216 x 405 x 360 mm |
| Net Weight | 1.5 kg | 7.3 kg |
| Speakers (HT904TA) | | |
| | Front Speaker | Rear speaker |
| Type | 2 Way 3 Speaker | 2 Way 3 Speaker |
| Impedance | 4 Ω | 4 Ω |
| Rated Input Power | 155 W | 155 W |
| Max. Input Power | 310 W | 310 W |
| Net Dimensions (W x H x D) | 290 x 1150 x 290mm | 290 x 1150 x 290mm |
| Net Weight | 4.3 kg | 4.0 kg |
| | Center Speaker | Passive Subwoofer |
| Type | 2 Way 3 Speaker | 1Way1Speaker |
| Impedance | 4 Ω | 3 Ω |
| Rated Input Power | 155 W | 225 W |
| Max. Input Power | 310 W | 450 W |
| Net Dimensions (W x H x D) | 350 x 105 x 93 mm | 216 x 405 x 360 mm |
| Net Weight | 1.5 kg | 7.3 kg |

