LG
Life's Good

OWNER'S MANUAL

# Portable MINI SYSTEM

ENGLISH

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

OM7550K

MFL68982121

www.lg.com

Copyright © 2017-2021 LG Electronics Inc. All Rights Reserved.

# Safety Information

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

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

**WARNING:** TO PREVENT FIRE OR ELECTRIC SHOCK HAZARD, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

**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.

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

**CAUTION:** Do not use high voltage products around this product. (ex. Electrical swatter) This product may malfunction due to electrical shock.

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

**CAUTION:** This product employs a Laser System. To ensure proper use of this product, please read this owner's manual carefully and retain it for future reference. Shall the unit require maintenance, contact an authorized service center.
Use of controls, adjustments or the performance of procedures other than those specified herein may result in hazardous radiation exposure.
To prevent direct exposure to laser beam, do not try to open the enclosure.

**CAUTION concerning the Power Cord**

The Power Plug is the disconnecting device. In case of an emergency, the Power Plug must remain readily accessible.

Check the specification page of this owner's manual to be certain of the current requirements.

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 device, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the device, 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 device.

This device is equipped with a portable battery or accumulator.

**How to Safely remove the batteries or the battery pack from the equipment:** To Remove the old batteries or battery pack, follow the assembly steps in reverse order. To prevent contamination of the environment and bring on possible threat to human and/or animal health, the old batteries or the battery pack must be put in an appropriate container at designated collection points. Do not dispose of batteries or battery pack together with other waste. It is recommended that you use local, free reimbursement systems batteries or battery packs, (may not be available in your area). The batteries or the battery pack should not be exposed to excessive heat such as sunshine, fire or the like.

## Declaration of Conformity

CE

Hereby, LG Electronics declares that the radio equipment type Portable MINI SYSTEM is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

http://www.lg.com/global/support/cedoc/cedoc#

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm between the device and the body.

# Table of Contents

## 1 Getting Started

2 Safety Information
6 Unique Features
6 Accessories
7 Introduction
7 – Playable Discs
7 – About the "⊘" Symbol Display
7 – Symbols Used in this Manual
7 – Regional Codes
8 Playable file Requirement
8 – Music file requirement
8 – Photo file requirement
8 – Video file requirement
9 Remote control
10 Top panel
11 Front panel
12 Rear panel

## 2 Connecting

13 Use of Tripod
15 Connecting the Power cord
15 Connections to Your TV
15 – HDMI Out Connection
17 – Resolution Setting
17 Optional Equipment Connection
17 – AUX IN Connection
18 – AUX OUT Connection
18 – PORT. IN Connection
19 – USB Connection
20 – Antenna Connection

## 3 System Setting

21 Adjust the setup settings
21 – OSD Initial language settings - Optional
21 – To display and exit the Setup menu
22 – Language
22 – Display
23 – Audio
23 – Lock (Parental Control)

## 4 Operating

25 Using the Home Menu
25 Basic Operations
26 Playback Effect
26 – AUTO DJ
27 Using a BLUETOOTH® wireless technology
27 – Listening to music of a BLUETOOTH device
29 Radio Operations
29 – Listening to the radio
29 – Improving poor FM reception
29 – Presetting the Radio Stations
29 – Deleting all the saved stations
29 – Deleting a saved station
30 Sound adjustment
30 – Setting the sound mode
30 – Setting the USER EQ
31 Advanced Operations
31 – Displaying Disc Information on-screen
31 – To display the DVD Menu
31 – To display the DVD title
31 – 1.5 times speed playback
31 – Screen Saver
31 – Starting play from selected time
31 – Resume playback
32 – Changing subtitle code page
32 – Marked Playback
33 – Viewing a PHOTO file
34 Other Operations
34 – Sleep Timer Setting
34 – Dimmer
34 – Last Scene Memory
34 – Power Resume - Optional
34 – System Select - Optional
34 – Turn off the sound temporarily
35 – CHILDSAFE Mode
35 – DEMO
35 – VOCAL FADER
35 – Using Microphone
36 – LIGHTING MODE
36 Setting the Clock
37 – Using your player as an alarm clock
37 Auto power down
37 How to disconnect the wireless network connection or the wireless device.
38 AUTO POWER On
38 Auto function change
39 LG Sound Sync

## 5 Troubleshooting

40 Troubleshooting
40 – General

## 6 Appendix

42 Controlling a TV with the Supplied Remote Control
42 – Setting up the remote to control your TV
43 Maintenance
43 – Handling the Unit
43 – Notes on Discs
44 Area Code List
45 Language code List
46 Trademarks and Licenses
47 General specifications

# Unique Features

### BLUETOOTH®

Listens to music stored on your **Bluetooth** device.

### Portable In

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

### LG Sound Sync

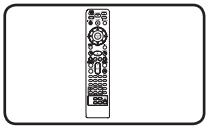
Controls volume level of this unit by the remote control of your LG TV that is compatible with LG Sound Sync.

### Full HD up-scaling

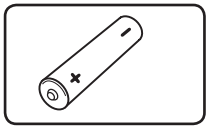
Views Full HD picture quality with simple setup.

# Accessories

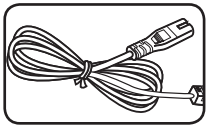
Please check and identify the supplied accessories.



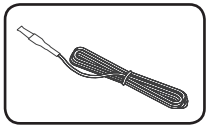
Remote Control (1)



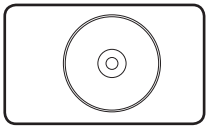
Battery (1)



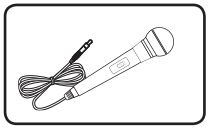
Power cord (1)



FM Antenna (1)



Karaoke Disc (1)



Microphone (1)

# Introduction

## Playable Discs

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

| | |
|---|---|
| DVD VIDEO | DVD-VIDEO (8 cm/12 cm disc)<br>Discs such as movies that can be purchased or rented. |
| DVD R | DVD±R (8 cm/12 cm disc)<br>Video mode and finalized only. |
| DVD RW | DVD-RW (8 cm/12 cm disc)<br>Video mode and finalized only. |
| RW DVD+R | DVD+R: Video mode only<br>Supports the double layer disc also. |
| RW DVD+ReWritable | DVD+RW (8 cm/12 cm disc)<br>Video mode and finalized only. |
| COMPACT disc DIGITAL AUDIO | Audio CD: Music CDs or CD-R/CD-RW in music CD format that can be purchased. |

## About the "⊘" Symbol Display

"⊘" may appear on your TV display during operation and indicates that the function explained in this owner's manual is not available on that specific media.

## Symbols Used in this Manual

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

### Note

Indicates special notes and operating features.

### Tip

Indicates tip and hints for making the task easier.

### Caution

Indicates cautions for preventing possible damages from abuse.

## Regional Codes

This unit has a regional code printed on the rear of the unit. This unit can play only DVD discs labeled same as the rear of the unit or "ALL".

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

# Playable file Requirement

## Music file requirement

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

- Sampling frequency : within 32 to 48 kHz (MP3), within 32 to 48 kHz (WMA)
- Bit rate : within 32 to 320 kbps (MP3), 40 to 192 kbps (WMA)
- Support Version : v2, v7, v8, v9
- Maximum files : Under 999
- File extensions : ".mp3"/ ".wma"
- CD-ROM file format : ISO9660/ JOLIET
- We recommend that you use Easy-CD Creator, which creates an ISO9660 file system.
- You have to set the disc format option to [Mastered] in order to make the discs compatible with the LG players when formatting rewritable discs. When setting the option to Live File System, you cannot use it on LG players. (Mastered/ Live File System : Disc format system for Windows Vista)

The DTS is not supported. In case of DTS audio format, audio is not output.

## Photo file requirement

Photo file compatibility with this unit is limited as follows :

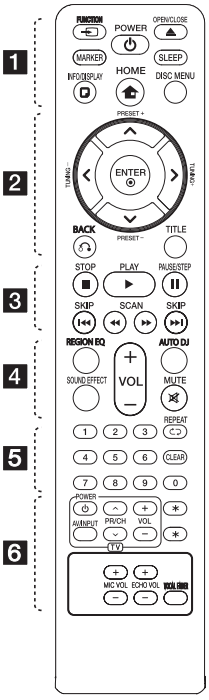
- Max pixel in width : 2760 x 2048 pixel
- Maximum files : Under 999
- Some discs may not operate due to a different recording format or the condition of disc.
- File extensions: ".jpg"
- CD-ROM file format : ISO9660/ JOLIET

## Video file requirement

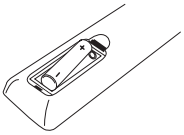
Video file compatibility with this unit is limited as follows:

- Available resolution: within 720 x 576 (W x H) pixels.
- The file name of the Video subtitle should be entered within 45 characters.
- If there is impossible code to express in the Video 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 Video file : ".avi", ".mpg", ".mpeg"
- Playable Subtitle format : SubRip (*.srt/ *.txt), SAMI (*.smi), SubStation Alpha (*.ssa/ *.txt), MicroDVD (*.sub/ *.txt), SubViewer 2.0 (*.sub/ *.txt), Vobsub (*.sub)
- Playable Codec format : "Xvid", "MPEG-1", "MPEG-2"
- Playable Audio format : "AC3", "PCM", "MP3", "WMA",
- Sampling frequency : within 32 to 48 kHz (MP3), within 32 to 48 kHz (WMA)
- Bit rate : within 32 to 320 kbps (MP3), 40 to 192 kbps (WMA)
- For Discs formatted in Live file system, you can not it  on this unit.
- If the name of movie file is different from that of the subtitle file, during playback of a Video file, subtitle may not be display.
- If you play a Xvid file differ from  Xvid spec, it may not operate normally.
- If you play GMC video file which is more than 1-warp point, video playback screen will not smooth.

# Remote control




## Battery Installation



Remove the battery cover on the rear of the remote control, and insert one (size AAA) battery with ⊕ and ⊖ matched correctly.

• • • • • • 1 • • • • •

**FUNCTION :** Selects the function and input source.

**MARKER** : Marks play list.

**POWER :** Switches the unit ON or OFF.

**OPEN/CLOSE** : Opens and closes the disc tray.

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

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

**HOME** : Displays the [Home Menu].

**DISC MENU** : Accesses the menu on a DVD disc.

• • • • • • 2 • • • • •

**∧ / ∨ / < / >** (up/ down/ left/ right) : Used to navigate on-screen displays.

**PRESET +/-** : Selects programme of Radio.

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

**ENTER** : Acknowledges menu selection.
Presetting the radio stations.

**BACK** : Moves backwards in the menu or exits the setup menu.

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

• • • • • • 3 • • • • •

**■ STOP** : Stops playback.

**▶ PLAY** : Starts playback.

**II PAUSE/STEP** : Pauses playback.

**I◀◀ / ▶▶I SKIP** : Goes to the next or previous chapter / track / file.

**◀◀ / ▶▶ SCAN** : Searches backward or forward.

• • • • • • 4 • • • • •

**REGION EQ :** Chooses sound impressions.

**SOUND EFFECT** : Selects a sound effect mode.

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

**AUTO DJ :** Selects the AUTO DJ mode. (For more information refer to page 26)

**MUTE** : Mutes the sound.

• • • • • • 5 • • • • •

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

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

**CLEAR** : Removes a number when setting the password.

• • • • • • 6 • • • • •

**TV Control buttons:** See page 42.

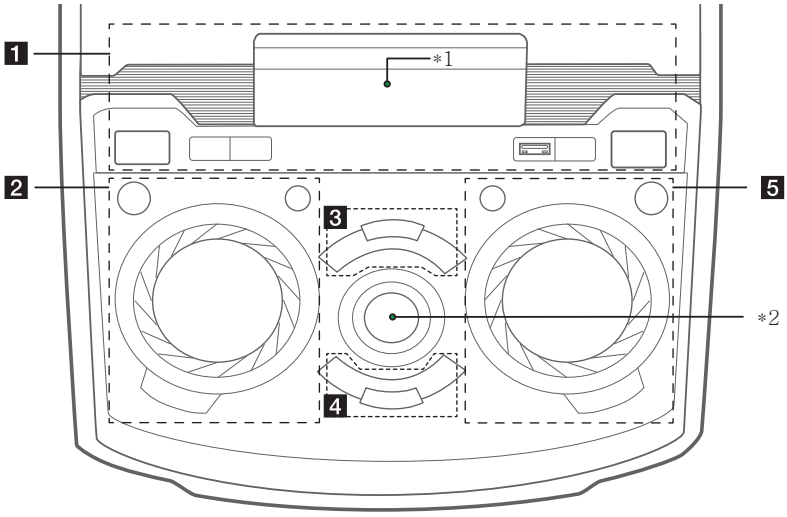
**★:** This button is not available.

**MIC VOL -/+** : Adjusts microphone volume.

**ECHO VOL -/+** : Adjusts echo volume.

**VOCAL FADER**: You can enjoy the function as karaoke, by reducing singer vocal of music in the various source.

# Top panel




**1** ⏻/I **POWER ON/OFF**

USB Port : You can play or sound files by connecting the USB device.

**DEMO**
- Shows Demo mode

*1 - Display window

**2** **LIGHTING** : Turns on/off the lighting effects.

**FUNCTION** : Selects the function and input source.

**ECHO VOLUME/CONTROL** : Adjusts echo volume.

**LG EQ** : Chooses sound impressions.

**USER EQ** : Controls sound register.

**3** **>II**
- Starts or pauses playback.

**AUTO DJ**
Selects the AUTO DJ mode. (For more informaion refer to page 26).

**BASS BLAST** : Selects BASS BLAST or STANDARD effect directly.

□ : Stops playback.

*2 - MASTER VOLUME : Adjusts speaker volume.

**4** **I<< / >>I** : Goes to the next or previous chapter / track / file.

**HOME** : Goes to Home menu.

**ENTER / SET** : Acknowledges menu selection.
Presetting the radio stations.

**5** **Bluetooth** : Turns to BLUETOOTH function.

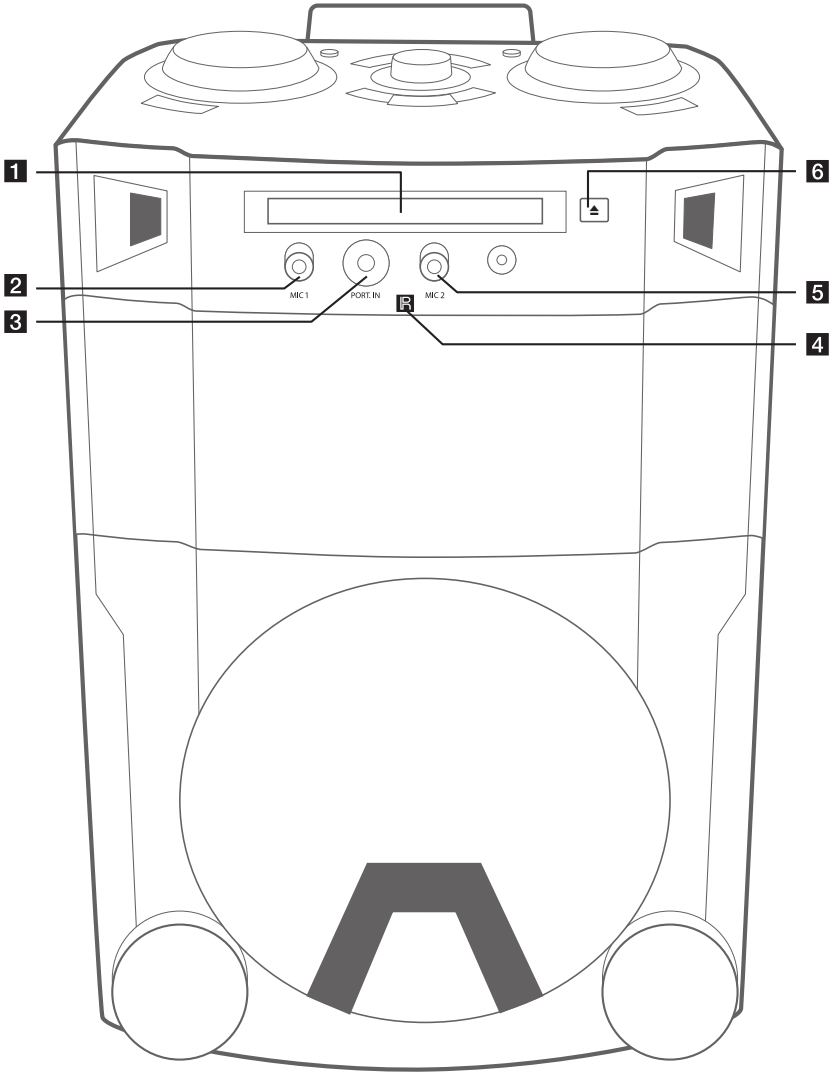
**REPEAT** : Selects a play mode. (Repeat/ Random)

**MIC VOLUME/CONTROL** : Adjusts Mic volume.

**CLOCK**
Sets a clock and checks a time.

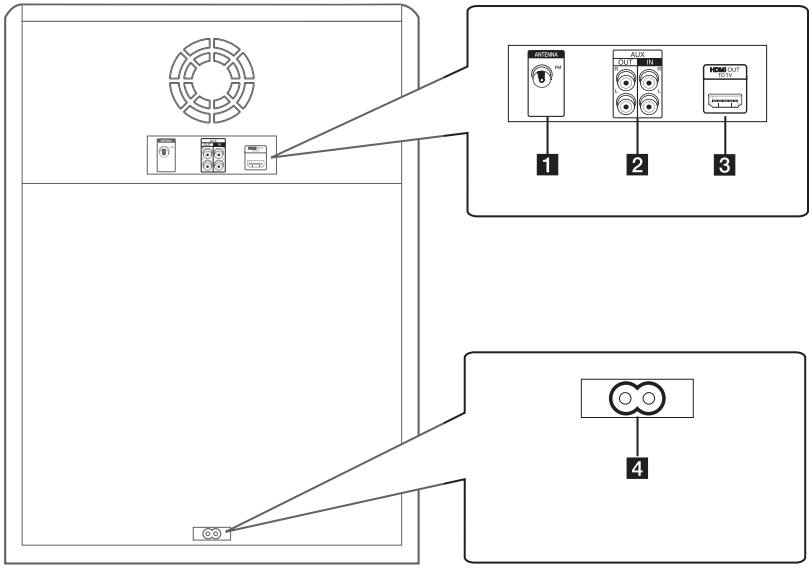
**ALARM**
With the ALARM function you can turn DISC, USB play and Tuner reception on at a desired time.

# Front panel




1 Disc tray
2 **MIC 1**
3 **PORT. IN**
4 Remote sensor
5 **MIC 2**
6 ⏏ : Opens and closes the disc tray.

# Rear panel




1 **ANTENNA** (FM)

2 **AUX IN** (L/R)
**AUX OUT** (L/R)

3 **HDMI OUT**

4 Power cord

**Caution**

- Connect the power cord to wall outlet directly if possible. Or when you use an extension cable, it is highly recommended to use an extension cable of 110 V / 15 A or 230 V / 15 A, otherwise the unit may not operate properly because of the lack of power supply.
- Do not overload the extension cord with excessive electrical load.

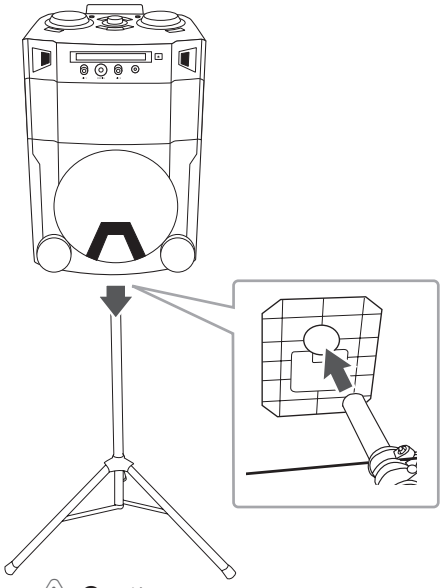
# Use of Tripod

You can mount the unit on a tripod.
The tripod is an optional purchase.

**Caution**

- Extend the tripod legs as much as possible and tighten up the screw securely.
- Before connecting with the unit, you must set up the tripod completely to prevent shaking.

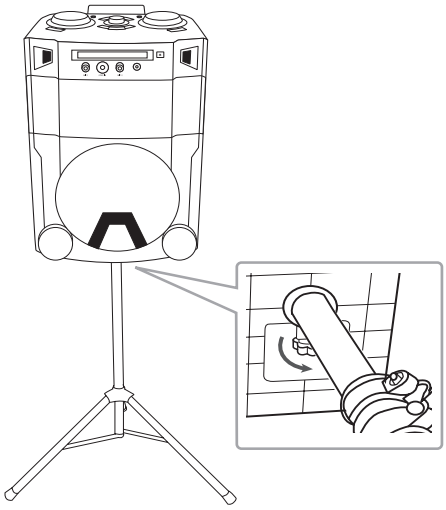
1. Unfold the tripod on a flat surface. And then fix the tripod.
   Tighten up the tightening part of the tripod.
2. Lift the speaker and connect the tripod to fixing part on the bottom of the speaker.



**Caution**

When connecting the speaker and the tripod, You should work together with more than two people.

3. Tighten up the Hand screw on the bottom of the unit.

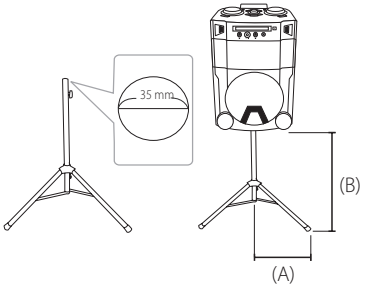


**Caution**

Tighten up the Hand screw on the bottom of the unit while the other is holding a speaker and tripod.

**Note**

- If you use a tripod, use the tripod only for speaker.
- Before buying a tripod, check the specifications for maximum bearing load of the center column.
  (Unit's net weight : about 22.7 kg)



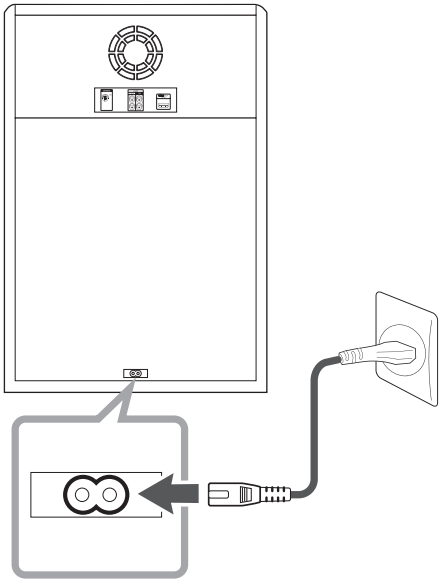

- Use tripod as below :
  (A) From tripod's center to tripod's leg : above 600 mm
  (B) From top of tripod to bottom of tripod : below 900 mm
  (C) Tripod net weight : over 3.9 kg
- Use a tripod as low as possible for safety use.
- You should pull the center column to the maximum only in case of need.
- Mount only one unit on each tripod.
- Do not try to extent the tripod legs outside over its allowed range.
- Make sure the tripod is correctly assembled and all its components are tightly connected.
- Do not try to assemble the tripod if parts are missing or defective.
- After installation, check whether the unit is set up firmly on the tripod or not.
- Do not place the unit on an unstable position where it might accidentally fall over.
- Add weight such as sand bags around the tripod legs to prevent them from falling over.

**Note**

- You should limit people around the unit while using this unit with tripod. Otherwise it may result in malfunction and causing personal injury or property damage.
- Standing on the stool to reach unit control panel is risky and might lead to injuries.
- Do not put or attach other objects on the tripod.
- Do not shake or push the unit when the tripod is installed.
- Refrain from moving around the tripod after unit is installed.
- Remove the units from all connected cables of the tripods before moving the tripods or adjusting their height.
- When transporting or moving the unit, always use two or more people.
- When you use the tripod, use an extension cord. always be careful the movement of cable.
- It is prohibited to use this unit outside. (Indoor use only)
- Do not expose the unit to excessive dust or vibrations, or extreme cold or heat (such as in direct sunlight, near a heater) to prevent the possibility of panel disfiguration or damage to the internal components.
- When using the external input cable (Mic, etc.) after installing the unit on the tripod, external input cable can cause the unit to fall down.
- Watch out the people can trip over the input cable (Mic, etc.) connected the unit.
- Always be careful of the unit being tripped.

# Connecting the Power cord

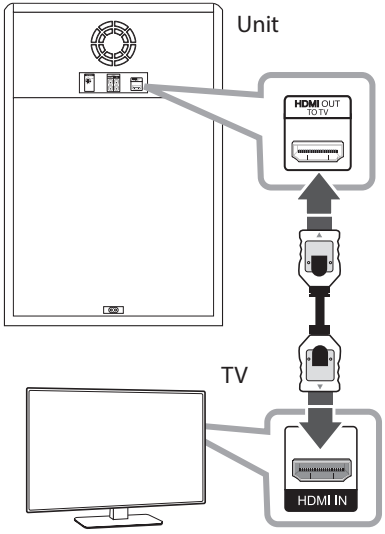
1. Connect the power cord to the unit.
2. Plug the power cord into an outlet.



# Connections to Your TV

## HDMI Out Connection

If you have a HDMI TV or monitor, you can connect it to this unit using a HDMI cable (Type A, High Speed HDMI™ Cable).
Connect the HDMI OUT jack on the unit to the HDMI IN jack on a HDMI compatible TV or monitor. Set the TV's source to HDMI (refer to TV's Owner's manual).




**Tip**

- You can fully enjoy digital audio and video signals together with this HDMI connection.
- When you use HDMI connection, you can change the resolution for the HDMI output. (Refer to "Resolution Setting" on page 17.)

### Caution

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

### Note

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

## Resolution Setting

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

1. Press **HOME**.
2. Use < / > to select the [Setup] and press **ENTER**. The [Setup] menu appears.

3. Use ∧ / ∨ to select [Display] option then press > to move to the second level.
4. Use ∧ / ∨ to select the [Resolution] option then press > to move to the third level.
5. Use ∧ / ∨ to select the desired resolution then press **ENTER** to confirm your selection.

**Note**

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

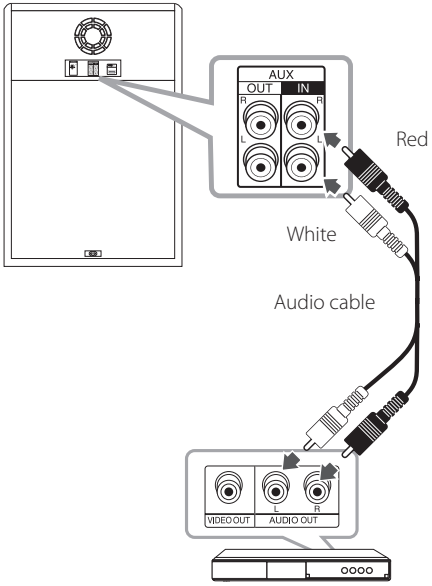
Press ■ **STOP** for more than 5 seconds.

# Optional Equipment Connection

## AUX IN Connection

Connect an output of auxiliary device (Camcorder, TV, Player, etc) to the **AUX IN** (L/R) connector.

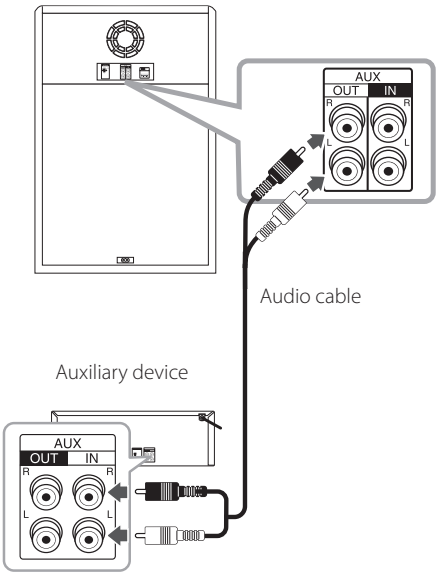
If your device has only one output for audio (mono), connect it to the left audio jack on the unit.



## AUX OUT Connection

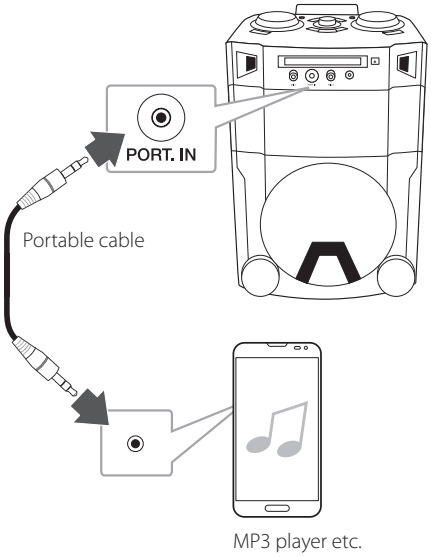
Connect an input of auxiliary device to the **AUX OUT** (L/R) connector.

If your device has only one input for audio(mono), connect it to the left audio jack on the unit.




## PORT. IN Connection

Connect an output (earphone or line out) of portable device (MP3 or PMP etc) to the **PORT. IN** connector.




### 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.

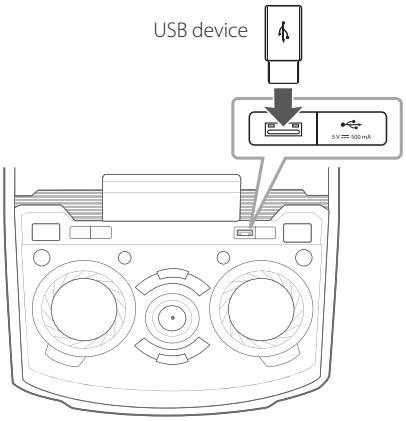
1. Connect the portable player to the PORT. IN connector on the unit.

   Or

   Connect the external device to the AUX IN connector on the unit.
2. Turn the power on by pressing ⏻/❙ **POWER ON/OFF**.
3. Press ⊕ **FUNCTION** to select the AUX or PORTABLE function.
4. Turn on the portable player or external device and start it playing.

## USB Connection

Connect a USB device (or MP3 player, etc.) to the USB ports on the unit.




**Note**

Removing the USB device from the unit :

1. Choose a different function/mode or press ■ **STOP** on the remote control or ☐ on the unit twice in a row.
2. Remove the USB device from the unit.

### Compatible USB Devices

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

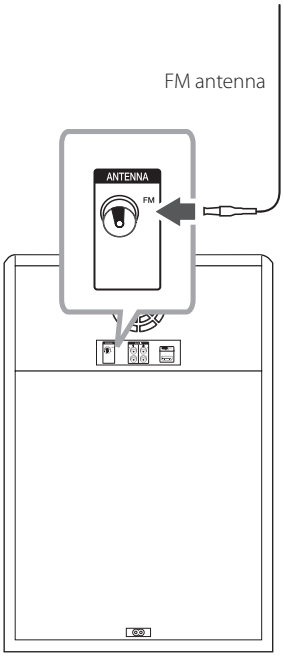
### USB device requirement

- Devices which require additional program installation connected to a computer, are not supported.
- Do not extract the USB device while in operation.
- For a large capacity USB, it may take longer than a few minute to be searched.
- To prevent data loss, back up all data.
- If you use a USB extension cable or USB hub, the USB device is not recognized.
- Using NTFS file system is not supported. (Only FAT(16/32) file system is supported.)
- This unit is not supported when the total number of files is 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.
- Some USB Devices may not work with this unit.

## Antenna Connection

Connect the supplied FM antenna for listening to the radio.

Connect the FM wire antenna to the FM antenna connector.




**Note**

Be sure to fully extend the FM wire antenna.

# Adjust the setup settings

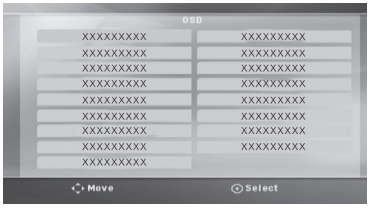
By using the Setup menu, you can make various adjustments to items such as picture and sound.

You can also set a language for the subtitles and the Setup menu, among other things. For details on each Setup menu item, see pages 21 to 24.

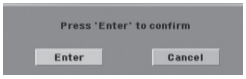
## OSD Initial language settings - Optional

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

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




2. Use ∧∨<> to select a language then press ⦿ **ENTER**.
   The confirm menu will appear.




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

## To display and exit the Setup menu

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

2. Select an [Setup] by using <>.
3. Press ⦿ **ENTER**.
   Displays the [Setup].
4. Press **HOME** or **BACK** to exit in the [Setup] Menu.

**About help menu for Setup**

| Menu | Buttons | Operation |
|---|---|---|
| ▲▼ Move | ∧∨ | Moving to another menu. |
| ◀ Move | < | Moving to previous level. |
| ▶ Move | > | Moving to next level or selecting menu. |
| Close | BACK | To exit the [Setup] menu. |
| ⦿ Select | ⦿ ENTER | To confirm menu. |

# Language

## Menu Language

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

## Disc Audio / Disc Subtitle / Disc Menu

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

**[Original]**

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

**[Other]**

To select another language, press numeric buttons and then ⊙ **ENTER** to enter the corresponding 4-digit number according to the language code list on the page 45. If you enter the wrong language code, press **CLEAR**.

**[Off (for Disc Subtitle)]**

Turns off Subtitle.

# Display

## TV Aspect

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

**[4:3]**

Select when a standard 4:3 TV is connected.

**[16:9]**

Select when a 16:9 wide TV is connected.

## Display Mode

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

**[Letterbox]**

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

**[Panscan]**

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

## Resolution

Sets the output resolution of HDMI video signal. Refer to "Resolution Setting" for details about the resolution (page 17).

**[Auto]**

If the HDMI OUT jack is connected to TVs providing display information (EDID), automatically selects the resolution best suited to the connected TV.

**[1080p]**

Outputs 1080 lines of progressive video.

**[1080i]**

Outputs 1080 lines of interlaced video.

**[720p]**

Outputs 720 lines of progressive video.

**[480p (or 576p)]**

Outputs 480 (or 576) lines of progressive video.

**[480i (or 576i)]**

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

# Audio

## DRC (Dynamic Range Control)

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

## 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 300ms.

## Semi Karaoke

When a chapter/ title/ track is fully finished, this function shows the score in the screen with a fanfare sound.

**[On]**

When you finished singing a score will appear on the screen.

**[Off]**

Fanfare and score do not appear on the screen.

**Note**

- DVD, DVD Karaoke discs with more than 2 tracks are available discs for the this function.
- When you watch movies, "off " the Semi Karaoke at the SETUP menu or enjoy it without connecting the MIC if the fanfare or score appears during changing a chapter.
- This function operate on the DVD/CD mode.
- The Semi Karaoke function is available only when a microphone is connected.
- If you do not use the microphone, turn down the volume and disconnect the microphone.

# Lock (Parental Control)

## Initial Setting the Area Code:

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

1. Select the [Lock] menu and then press >.
2. Press >.
   To access the [Lock] options, you must input the password you have created. Input a password and press ⦿ **ENTER**. Enter it again and press ⦿ **ENTER** to verify. If you make a mistake before pressing ⦿ **ENTER**, press **CLEAR**.
3. Select the first character using ∧∨ buttons.
4. Press ⦿ **ENTER** and select the second character using ∧∨ buttons.
5. Press ⦿ **ENTER** to confirm your Area code selection.

## Rating

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

1. Select [Rating] on the [Lock] menu then press >.
2. Input a password and press ⦿ **ENTER**.
3. Select a rating from 1 to 8 using the ∧∨ buttons.

   **[Rating 1-8]**

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

   **[Unlock]**

   If you select unlock, parental control is not active and the disc plays in full.
4. Press ⦿ **ENTER** to confirm your rating selection.

## Password

You can enter or change password.

1. Select [Password] on the [Lock] menu and then press >.
2. Press ⦿ **ENTER**.
3. Input a password and press ⦿ **ENTER**.

   To change the password, press ⦿ **ENTER** when the [Change] option is highlighted. Input a password and press ⦿ **ENTER**. Enter it again and press ⦿ **ENTER** to verify.
4. Press **HOME** to exit the menu.

**Note**

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

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

## Area Code

Enter the code of the area whose standards were used to rate the DVD video disc, based on the list on page 44.

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

# Using the Home Menu

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

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

[Music] – Displays [MUSIC] menu.

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

[Photo] – Displays [PHOTO] menu.

[Setup] – Displays the [Setup] menu.

**Note**

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

# Basic Operations

1. Insert the disc by pressing **OPEN/CLOSE** on the remote control or on the unit
   Or connect the USB device to the USB port.
2. Press **HOME**.
   Displays the [Home Menu].
3. Select an option by using <>.
   If you select the [Movie], [Photo] or [Music] option when you connect up to two devices, it appears as belows. Select a media then press **ENTER**.

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

**Note**

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

| To | Do this |
|---|---|
| Stop | Press ■ **STOP** on the remote control or ☐ on the unit. |
| Playback | Press ▶ **PLAY** on the remote control or >II on the unit. |
| Pause | Press II **PAUSE/STEP** on the remote control or >II on the unit during playback. |
| Frame-by-Frame playback | Press II **PAUSE/STEP** repeatedly to play title Frame-by-Frame. (DVD Movie title, Movie file only) |
| Skipping to the next/ previous chapter/ track/ file | During playback, press I◀◀ / ▶▶I **SKIP** to go to the next chapter/ track/ file or to return to the beginning of the current chapter/ track/ file.<br>Press I◀◀ **SKIP** twice briefly to step back to the previous chapter/ track/ file. |
| Locating a point quickly by playing a file in fast forward or fast reverse | During playback, press ◀◀/▶▶ **SCAN** repeatedly to select the required scan speed.<br>To return to normal speed, press ▶ **PLAY**. |
| Playing repeatedly or randomly | Press **REPEAT** repeatedly, and the current title, chapter or track will be played back repeatedly or randomly.<br>- DVD : Chapter/ Title/ Off<br>- Video(MOVIE): Title/ All/ Off<br>- Audio CD/ MP3/ WMA : Track/ All/ Random/ Off |
| Slowing down the playing speed | In the pause mode, press ◀◀/▶▶ **SCAN** to select the required speed. (DVD Movie title only) |
| | In the pause mode, press ▶▶ **SCAN** to select the required speed. (Movie file only) |

| To | Do this |
|---|---|
| Selecting a track/file directly | Press **0** to **9** numerical buttons on the remote control to go to the desired file or track directly. |

# Playback Effect

## AUTO DJ

Auto DJ blends the end of one song into the beginning of another for seamless playback.
It equalizes volume across tracks/files for uninterrupted playback.

Press **AUTO DJ** on the remote control repeatedly, the display changes as followings. RANDOM (AUTO DJ RANDOM) -> RPT (AUTO DJ SEQUENTIAL) -> (AUTO DJ OFF)

| Mode | Display Window | Description |
|---|---|---|
| OFF | - (AUTO DJ OFF) | - |
| RANDOM | RANDOM (AUTO DJ RANDOM) | The music is played randomly on this mode. |
| REPEAT | RPT (AUTO DJ SEQUENTIAL) | The music is played repeatedly on this mode. |

**Note**

- AUTO DJ mode does not support searching for a section within a track/file or to play repeatedly or randomly. And AUTO DJ mode does not support Marked Playback.
- If you move to other functions or stop the music by pressing ☐ on the unit twice (or ■ **STOP** on the remote control twice) on AUTO DJ mode, AUTO DJ will be disable.
- AUTO DJ is not supported in the music file whose length is less than 60 seconds.
- If you press AUTO DJ during Marked playback, Marked playback will be disable. And then AUTO DJ is played.

# Using a BLUETOOTH® wireless technology

## About BLUETOOTH

Bluetooth is wireless communication technology for short range connection.

The sound may be interrupted when the connection interfered by the other electronic wave or you connect the **Bluetooth** in the other rooms.
Connecting individual devices under **Bluetooth** wireless technology does not incur any charges. A mobile phone with **Bluetooth** wireless technology can be operated via the Cascade if the connection was made via **Bluetooth** wireless technology.
Available Devices : Mobile phone, MP3, Laptop, PDA (This units be supported the Stereo Headset.)

## BLUETOOTH Profiles

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

A2DP (Advanced Audio Distribution Profile)

## Listening to music of a BLUETOOTH device

Pairing your unit and **Bluetooth** device

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

1. Select the Bluetooth function by using **FUNCTION** until BT function is selected or pressing **Bluetooth** on the unit.
   Appears "BT READY" in display window.
2. Operate the **Bluetooth** device and perform the pairing operation. When searching for this unit with the **Bluetooth** device, a list of the devices found may appear in the **Bluetooth** device display depending on the type of **Bluetooth** device. Your unit appears as "LG MINI(XX:XX)".

**Note**

XX:XX means the last four digits of BT address. For example, if your unit has a BT address such as 9C:02:98:4A:F7:08, you will see "LG MINI(F7:08)" on your Bluetooth device.

3. When this unit is successfully connected with your **Bluetooth** device, "PAIRED" appears on the display window and change to **Bluetooth** device name soon.

**Note**

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

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

**Note**

- If you change the function of the unit, the Bluetooth function is disconnected, operate pairing again.
  (Bluetooth ⟷ Function other than the Bluetooth)
- Depending on the Bluetooth device type, some device have a different pairing way.
  (Enter the PIN code (0000) as needed.)

**Note**

- The sound may be interrupted when the connection interfered by the other electronic wave.
- You cannot control the Bluetooth device with this unit.
- Pairing is limited one Bluetooth device per one unit and multi-pairing is not supported.
- Depending on the type of the device, you may not be able to use the Bluetooth function.
- You can enjoy wireless system using phone, MP3, Notebook, headset, etc..
- When not connected the Bluetooth, "BT READY" appears on the display window.
- The Electrical malfunction due to devices using same frequency such as Medical equipment, Microwaves or wireless LAN devices, the connection will be disconnected.
- When someone stands and interrupts communication between Bluetooth device and the player, the connection will be disconnected.
- If the gotten away of the distance between Bluetooth and the unit, the sound quality is lower and lower the connection will disconnect when the space between the Bluetooth and the unit gets out of the operating range of Bluetooth.
- If the function is changed to Bluetooth again from other function, Bluetooth device is paired automatically.

# Radio Operations

Be sure that FM antenna is connected. (Refer to page 20)

## Listening to the radio

1. Press **FUNCTION** until FM appears in the display window.
   The last received station is tuned in.
2. Auto tuning :
   Press and hold **TUNING(-/+)** on the remote control or **|<< / >>|** on the unit for about two seconds until the frequency indication starts to change, then release. Scanning stops when the unit tunes in a station.

   Or

   Manual tuning :
   Press **TUNING(-/+)** on the remote control or **|<< / >>|** on the unit repeatedly.
3. Adjust the volume by rotating volume knob on the unit or by pressing **VOL (+/-)** on the remote control repeatedly.

## Improving poor FM reception

Adjust the antenna to improve the reception when the radio has poor reception.

## Presetting the Radio Stations

You can preset 50 stations for FM.

Before tuning, make sure to turn down the volume.

1. Press **FUNCTION** until FM appears in the display window.
2. Select the desired frequency by pressing **TUNING(-/+)** on the remote control or **|<< / >>|** on the unit.
3. Press **ENTER** a preset number will flash in the display window.
4. Press **PRESET (-/+)** to select the preset number you want.
5. Press **ENTER**.
   The station is stored.
6. Repeat the steps 2 to 5 to store other stations.
7. To listen a preset station, press **PRESET +/-** or **0** to **9** numerical buttons on the remote control.

## Deleting all the saved stations

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

## Deleting a saved station

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

# Sound adjustment

## Setting the sound mode

This system has a number of pre-set surround sound fields. You can select a sound mode you want by using **SOUND EFFECT** on the remote control.

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 (Optional) | Regionally optimized sound effect.<br>(FORRO/FUNK/SERTANEJ/ DANGDUT/ARABIC/PERSIAN/ INDIA/REGUETON/MERENGUE/ SALSA/SAMBA/CUMBIA/AFRO/ AXE/TECNO BR) |
| 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<br>CLASSIC<br>JAZZ<br>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. |
| BASS (BASS BLAST) | Reinforces the treble, bass and surround sound effect. |
| FOOTBALL | You can enjoy the sound effect FOOTBALL STADIUM. |
| FLAT | Provides balanced sound. |
| BOOST | Boosts the mid-range for sound reinforcement. |
| TREBLE/BASS (TRE/BASS) | Reinforces the treble and bass. |
| STANDARD | You can enjoy optimized sound. |

**Note**

- In some of surround modes, some speakers, there's no sound or low sound. It depends on the mode of surround and the source of audio, it is not defective.
- This function is not operated when the microphone is connected to the unit.

## Setting the USER EQ

You can adjust the sound level of Treble, Middle and Bass as your preference.

1. Press **USER EQ** on the unit. "USER EQ" is displayed.
2. Press **USER EQ** on the unit to select BASS, MID(MIDDLE) or TRE(TREBLE).
3. Rotate **ECHO VOLUME/CONTROL** knob to adjust the sound level.
4. Press **USER EQ** to save the setting.

Or

1. Use **SOUND EFFECT** to select the USER EQ then press ⦿ **ENTER**.
2. Use ∧∨ to select BASS, MID(MIDDLE) or TRE(TREBLE).
3. Use <> to select the sound level of BASS, MID(MIDDLE) or TRE(TREBLE) then press ⦿ **ENTER** to save the setting.

# Advanced Operations

## Displaying Disc Information on-screen

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

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

Title – Current title number/ total number of titles.

Chapter – Current chapter number/ total number of chapters.

Time – Elapsed playing time.

Audio – Selected audio language or channel.

Subtitle – Selected subtitle.

Angle – Selected angle/ total number of angles.

**Note**

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

## To display the DVD Menu

DVD

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

1. Press **DISC MENU**.
   The disc's menu appears.
2. Select the menu by using ∧∨<>.
3. Press ▶ **PLAY** to confirm.

## To display the DVD title

DVD

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

1. Press **TITLE**.
   The disc's title appears.
2. Select the menu by pressing ∧∨<>.
3. Press ▶ **PLAY** to confirm.

## 1.5 times speed playback

DVD

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

1. During playback, press ▶ **PLAY** to play at 1.5 times speed. "▶X1.5" appears on the screen.
2. Press ▶ **PLAY** again to exit.

## Screen Saver

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

## Starting play from selected time

DVD MOVIE

To start playing at any chosen time on the file or title.

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

## Resume playback

DVD MOVIE MUSIC ACD

The unit records the point where you pressed the ■ **STOP** depending on the disc.
If "❚❚■ (Resume Stop)" appears on the screen briefly, press ▶ **PLAY** to resume playback (from the scene point).

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

**Note**

- The resume point may be cleared when a button is pressed (for example; ⏻ (**POWER**), ⏏ **OPEN/CLOSE**, etc).
- This function may not work on some disc or title/track.

## Changing subtitle code page MOVIE - Optional

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

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

## Marked Playback MUSIC ACD

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

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

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

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

Selecting all tracks/ files.

Deselecting all tracks/files.

Moving to the previous or next file list.

2. Select a desired music on the [List] by using the ∧ ∨ then press **MARKER** to appears the mark on the list.
3. Press ⦿ **ENTER** or ▶ **PLAY**. Displays the play mode.
4. Select the play mode by using the ∧ ∨ and press ⦿ **ENTER**.

| |
|---|
| **[Mark Play]**<br>Marked playback. |
| **[Current Play]**<br>Normal playback. |

**Note**

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

### To delete a Marker

1. Use ∧ ∨ to select the track that you wish to erase from the marked file.
2. Press **MARKER**.

### To delete all Markers

Use ∧ ∨ < > to select [Deselect All] then press ⦿ **ENTER** in program edit mode.

**Note**

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

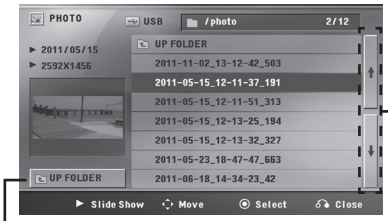
## Viewing a PHOTO file

**PHOTO**

This unit can play discs with photo files.

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

Moving to the previous or next file list.




Returning to the upper folder.

2. Press ∧∨ to select a folder, and then press ⦿ **ENTER**.
3. If you want to view a slide show, press ∧∨ to highlight a file and press ▶ **PLAY**.

**About help menu in the [Photo] menu**

| Menu | Buttons | Operation |
|---|---|---|
| ▶ **Slide Show** | ▶ **PLAY** | Viewing a slide show. |
| ▲▼◀▶ **Move** | ∧∨<> | Moving to another file or content. |
| ⦿ **Select** | ⦿ **ENTER** | Viewing a particular file. |
| **Close** | **BACK** | Returning to the [Home Menu]. |

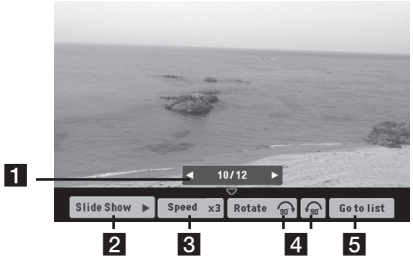
**About help menu in the full screen**

| Menu | Buttons | Operation |
|---|---|---|
| **Menu** | **INFO/ DISPLAY** | Displaying the Option menu. |
| ◀/▶ **Prev./ Next** | <> | Moving to another file. |
| **List** | **BACK** | Returning to the [Photo] menu. |

### Options while viewing a photo

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

1. While viewing a photo in full screen, press **INFO/DISPLAY** to display the option menu.
2. Select an option using ∧∨<>.




| | |
|---|---|
| 1 | **Current photo/ Total number of photos** – Use <> to view previous/next photo. |
| 2 | **Slide Show ▶/II** – Press ⦿ **ENTER** to start or pause slide show. |
| 3 | **Speed x3/ x2/ x1** – Use ⦿ **ENTER** to select a delaying speed between photos in a slide show. |
| 4 | **Rotate** – Press ⦿ **ENTER** to rotate the photo. |
| 5 | **Go to list** – Press ⦿ **ENTER** to return [Photo] list. |

# Other Operations

## Sleep Timer Setting

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

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

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

**Note**

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

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

## Dimmer

Press **SLEEP** once. The display window will be darken by half. To cancel it, press **SLEEP** repeatedly until dim off.

**Note**

All the LED turns off when Dimmer is being operated.

## Last Scene Memory

DVD

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

## Power Resume - Optional

DVD

Even if the power suddenly goes out, turn on the unit and then it plays a position where the contents is being played. System will periodically save current playback status.

## System Select - Optional

You must select the appropriate system mode for your TV system. Press and hold **II PAUSE/STEP** for more than five seconds to be able to select a system in the [Home Menu]. (NTSC ↔ PAL)

**Note**

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

## Turn off the sound temporarily

Press **MUTE** on the remote control to mute your unit.

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

To cancel it, press **MUTE** again or change the volume level.

## CHILDSAFE Mode

This function helps to prevent you from being surprised when you turn on the unit in case that the volume of the unit is set at a high level.

To turn on CHILDSAFE mode, press and hold **ENTER / SET** on the unit when the volume of the unit is "MIN".

In CHILDSAFE mode, the volume increase gradually.

To turn off CHILDSAFE mode, press and hold **ENTER / SET** on the unit when the volume of the unit is "MIN".

**Note**

In case of DVD/CD, USB, BT function or LG TV Function, CHILDSAFE mode does not work after about 2 minutes from power on the unit even if this mode is enabled.

## DEMO

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

**Note**

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

## VOCAL FADER

You can enjoy the function as karaoke, by reducing singer vocal of music in the various source. (MP3/ WMA/ CD/ etc.) Press the **VOCAL FADER**, and "FADE ON" will appear in display window.

To cancel it, press **VOCAL FADER** again.

The quality of the **VOCAL FADER** may be different depending on the recording conditions of music files.

**Note**

- This function is available to use only when a microphone is connected.
- It is not available on the MONO source.

## Using Microphone

1. Connect your microphone to the MIC jack.
2. Play the music you want.
3. Sing along with the accompaniment. Adjust the microphone volume by rotating **MIC VOLUME/ CONTROL** knob clockwise or counterclockwise on the unit or by pressing **MIC VOL -/+** on the remote control repeatedly.

**Note**

- When not using the microphone, set the **MIC VOL.** to minimum or turn off the MIC and remove the microphone from the MIC jack.
- If the microphone is set too near the speaker, a howling sound may be produced. In this case, move the microphone away from the speaker or decrease the sound level by using the **MIC VOLUME/CONTROL** on the unit or by pressing **MIC VOL -** on the remote control.
- If sound through the microphone is extremely loud, it may be distorted. In this case, rotate **MIC VOLUME/CONTROL** on the unit or press **MIC VOL -** on the remote control to minimum.
- You can give an echo effect to the sound from the microphones by using the **ECHO VOLUME /CONTROL**.

## LIGHTING MODE

The function is to create a Club like atmosphere by operating speaker lighting.

1. Press **LIGHTING** on the unit.

   The mode changes each time you press it :
   OFF → VOLCANO → POLICE → THUNDER → PSYCHE → CAOS → OFF

**Note**

- Lighting function is available in all functions.
- Lighting mode retains its previous mode when you first press **LIGHTING**, press again to change modes.

# Setting the Clock

1. Turn the unit on.
2. Press and hold **CLOCK** on the unit.
3. Select time mode by rotating **MIC VOLUME/ CONTROL** knob on the unit.

   - AM 12:00 (for an AM and PM display) or 0:00 (for a 24 hour display)
4. Press **CLOCK** on the unit to confirm your selection.
5. Select the hours by rotating **MIC VOLUME/ CONTROL** knob on the unit.
6. Press **CLOCK** on the unit
7. Select the minutes by pressing **MIC VOLUME/ CONTROL** knob on the unit.
8. Press **CLOCK** or **ENTER / SET** on the unit.

### Using your player as an alarm clock

1. Turn the unit on.
2. Press and hold **ALARM**.
3. Rotate **MIC VOLUME/CONTROL** knob on the unit to change the hours and minutes and press **ALARM** to save.
4. Rotate **MIC VOLUME/CONTROL** knob on the unit to select function and press **ALARM** to save.
   - Rotate **MIC VOLUME/CONTROL** knob on the unit to select a memory No. when you select Tuner and then, press **ALARM**.
   If there is no memory No., this step is skipped.
5. Rotate **MIC VOLUME/CONTROL** knob on the unit to change the volume and press **ALARM** or **ENTER / SET** to save. The clock icon "◷" shows that the alarm is set.

**Note**

- If you set the clock time, you can check the time by pressing **CLOCK** even when the player is turned off.
- You can set alarm after you set the clock time.
- If you set the clock time and alarm, you can check the alarm icon "◷" by pressing **CLOCK** even when the unit is turned off.
- If you set the clock time and alarm, you can check the alarm icon "◷" and setting informaiton by pressing **ALARM** even when the unit is turned off.
- You can select ALARM ON/OFF mode by pressing **ALARM**.
- In case of DVD/CD or USB, this function is available when you have music file. If you do not have music file, the function is changed to Tuner.

## Auto power down

This unit will be off itself to save electric consumption in the case main unit is not connected to external device and is not used for 20 minutes. So does this unit after six hours since Main unit has been connected to other device using analog input.

## How to disconnect the wireless network connection or the wirele-ss device.

Turn off the unit by pressing the power button for more than 5 seconds.

# AUTO POWER On

This unit automatically turns on by an input source : LG TV or **Bluetooth**

If you try to connect your **Bluetooth** device, this unit turns on and connects your **Bluetooth** device. You can play your music.

**Note**

- Depending on the connected device, this function may not operate.
- Depending on the connected device, the unit turns on but Bluetooth function may not be connected.
- If you disconnect Bluetooth connection by this unit, some Bluetooth devices try to connect to the unit continually. Therefore it is recommended to disconnect the connection before turning off the unit.
- If you turn on the unit using LG TV or Bluetooth function, proper function of this unit is turned on.
- If you have already paired with this unit, automatically this unit can turn on by an input source when this unit is turned off.
- If you turn off the unit by pressing the power button for more than 5 seconds, Auto Power On function is disabled. To activate it, turn on the unit.

# Auto function change

This unit recognizes input signals such as Bluetooth and LG TV and then changes suitable function automatically.

## When you try to connect Bluetooth device

When you try to connect your Bluetooth device to this unit, Bluetooth function is selected. Play your music on the Bluetooth device.

## When LG TV signal comes in

When you turn on your LG TV connected by LG Sound Sync, this unit changes the function to LG TV. You can hear the sound from your TV.

**Note**

- This unit does not respond to the bluetooth connection signal while using the LG TV function.
- If you using the bluetooth function, this unit does not respond to LG TV connection signal.
- The bluetooth unit or the LG TV which is not paired with this unit, cannot use the auto function change.
- If you change the this unit's function to other function, some bluetooth unit may try to connecting in succession. Disconnect the bluetooth connection before changing of the this unit's function.

# LG Sound Sync

Sound Sync
Wireless

You can control some functions of this unit by your TV's remote control with LG Sound Sync. It is compatible with the LG TV that is supported LG Sound Sync. Make sure of the LG Sound Sync logo on your TV.

Controllable function by LG TV's remote control : Volume up/down, mute

Refer to the TV's instruction manual for the details of LG Sound Sync.

**Note**

- You can also use the remote control of this unit while using LG Sound Sync. If you use TV's remote control again, the unit synchronizes with the TV.
- If the connection fails, check the conditions of this unit and your TV : power, function.
- Make sure of the condition of this unit and the connection in the cases below when using LG Sound Sync.
  - Turn off the unit.
  - Changing the function to the others.
  - Disconnecting the wireless connection caused by interference or a distance.
- Details of TV setting menu vary depending on the models of your TV.
- Bluetooth connection is unavailable after connecting LG TV.
- The amount of time to turn off this unit is different depending on your TV.

## With wireless connection

1. Turn on the unit by pressing ⏻ (Power) on the remote control.
2. Select LG TV function by using the **FUNCTION** on the remote control.
3. Set up the sound output of TV to listen to the sound through this unit :
   TV setting menu → [Sound] → [TV Sound output] → [LG Sound Sync (Wireless)]

   "PAIRED" appears on the display window and then you can see "LG TV" on the display window if connecting normally between this unit and your TV.

**Note**

- If you turned off the unit directly by pressing ⏻ (Power), LG Sound Sync (Wireless) will be disconnected. To use this function again, you should reconnect the TV and the unit.
- Details of TV setting menu vary depending on the manufacturers or models of your TV.

# Troubleshooting

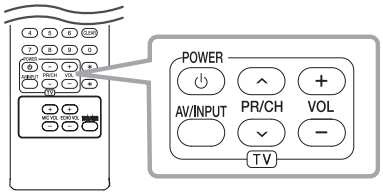
## General

| Problem | Cause & Solution |
|---|---|
| The unit does not work properly. | • Turn off the power of this unit and the connected external device (TV, Woofer, DVD-player, Amplifier, etc.) and turn it on again.<br>• Disconnect the power cord of this unit and the connected external device (TV, Woofer, DVD-player, Amplifier, etc.) and then try connecting again.<br>• Previous setting may not be saved when device power is shut off. |
| No Power. | • The power cord is not plugged in. Plug in the power cord.<br>• Check whether electricity failed.<br>Check the condition by operating other electronic devices. |
| No picture | • Select the appropriate video input mode on the TV so the picture from the unit appears on the TV screen.<br>• Connect the video cables securely to both the TV and unit. |
| No sound. | • Check whether you select right function.<br>Press **FUNCTION** and check the selected function. |
| The DVD picture quality is poor | • Clean the disc using a soft cloth with outward strokes. |
| A DVD/CD will not play | • Insert a disc.<br>• Insert a playable disc (check the disc type, colour system and regional code).<br>• Place the disc with the label or printed side facing upwards.<br>• Enter your password or change the rating level. |
| Humming noise heard while a DVD or CD is playing | • Clean the disc using a soft cloth with outward strokes.<br>• Move unit further away from your TV. |
| The unit does not start playback. | • An unplayable disc is inserted. Check the playable disc.<br>• No disc is inserted. Insert a disc.<br>• The disc is dirty. Clean the disc. (Refer to page 43)<br>• The disc is inserted upside down.<br>Place the disc with the label or printed side facing upwards. |

| Problem | Cause & Solution |
|---|---|
| Radio stations cannot be tuned in properly. | • The antenna is positioned or connected poorly.<br>Connect the antenna securely.<br>• The signal strength of the radio station is too weak.<br>Tune to the station manually.<br>• No stations have been preset or preset stations have been cleared (when tuning by scanning preset channels).<br>Preset some radio stations, see page 29 for details. |
| The remote control does not work properly. | • The remote control is too far from the unit.<br>Operate the remote control within about 23 ft (7 m).<br>• There is an obstacle in the path of the remote control and the unit.<br>Remove the obstacle.<br>• The batteries in the remote control are exhausted.<br>Replace the batteries with new ones. |
| No speaker light | • Check the speaker light effects by pressing **LIGHTING**. |
| LG Sound Sync does not work. | • Check whether your LG TV supports LG Sound Sync.<br>• Check connection of LG Sound Sync.<br>• Check sound setting of your TV and this unit. |
| The AUTO POWER function does not work. | • Check connection of the external device such as TV or Bluetooth device.<br>• Depending on the connected device, this function may not operate. |

# Controlling a TV with the Supplied Remote Control

You can control your TV using the buttons below.




| By pressing | You can |
|---|---|
| ⏻ (TV POWER) | Turn the TV on or off. |
| AV/INPUT | Switch the TV's input source between the TV and other input sources. |
| PR/CH ∧ / ∨ | Scan up or down through memorized channels. |
| VOL +/– | Adjust the volume of the TV |

**Note**

Depending on the unit being connected, you may not be able to control your TV using some of the buttons.

## Setting up the remote to control your TV

You can operate your TV with the supplied remote control.
If your TV is listed in the table below, set the appropriate manufacturer code.

1. While holding down ⏻ (TV POWER) button, and press the manufacturer code for your TV with the numerical buttons (see the table below).

| Manufacturer | Code Number |
|---|---|
| LG | 1(Default), 2 |
| Zenith | 3, 4 |
| GoldStar | 1, 2 |
| Samsung | 6, 7 |
| Sony | 8, 9 |
| Hitachi | 4 |

2. Release the ⏻ (TV POWER) button to complete setting.

Depending on your TV, some or all buttons may not function on the TV, even after entering the correct manufacturer code. When you replace the batteries of the remote, the code number you have set may be reset to the default setting. Set the appropriate code number again.

# Maintenance

## Handling the Unit

### When shipping the unit

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

### Keeping the exterior surfaces clean

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

### Cleaning the unit

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

### Maintaining the Unit

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

## Notes on Discs

### Handling Discs

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

### Storing Discs

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

### Cleaning Discs

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

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

# Area Code List

Choose an area code from this list.

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

# Language code List

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

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

# Trademarks and Licenses

All other trademarks are trademarks of their respective owners.

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

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

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

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

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

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

Other trademarks and trade names are those of their respective owners.

## Notes on Copyrights

- This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Rovi, and is intended for home and other limited viewing uses only unless otherwise authorized by Rovi. Reverse engineering or disassembly is prohibited.
- Under the U.S. Copyright laws and Copyright laws of other countries, unauthorized recording, use, display, distribution, or revision of television programs, videotapes, BD-ROM discs, DVDs, CDs and other materials may subject you to civil and/or criminal liability.

# General specifications

| General | |
|---|---|
| Power requirements | Refer to the main label. |
| Power consumption | Refer to the main label. |
| | Networked standby : 0.4 W<br>(If all network ports are activated.) |
| Dimensions (W x H x D) | 430 mm x 665 mm x 468 mm |
| Net Weight (Approx.) | 22.7 kg |
| Operating temperature | 5 °C to 35 °C (41 °F to 95 °F) |
| Operating humidity | 60 % |
| Bus Power Supply (USB) | 5 V ⎓ 500 mA |

| Inputs / Outputs | |
|---|---|
| HDMI OUT (video/audio) | 19 pin (Type A, HDMI™ Connector ) |
| AUX OUT | 2.0 Vrms (1 kHz, 0 dB), 600 Ω, RCA jack (L, R) |
| AUX IN | 2.0 Vrms (1 kHz, 0 dB), 600 Ω, RCA jack (L, R) |
| PORT. IN | 1.2 Vrms (3.5 Ø jack) |
| MIC | 27 mV |

| Tuner | |
|---|---|
| FM Tuning Range | 87.5 to 108.0 MHz or 87.50 to 108.00 MHz |

| CD | |
|---|---|
| Frequency Response | 40 to 20000 Hz |
| Signal-to-noise ratio | 75 dB |
| Dynamic range | 80 dB |

| Amplifier | |
|---|---|
| Total output (RMS) | 1000 W |
| FRONT (RMS) | 500 W x 1 (6 Ω at 150 Hz) |
| MID (RMS) | 500 W x 1 (6 Ω at 1 kHz) |
| THD | 20 % |

- Design and specifications are subject to change without notice.

| | | |
|---|---|---|
| | Символ «петля Мебиуса» указывает на возможность утилизации упаковки. Символ может быть дополнен обозначением материала упаковки в виде цифрового и/или буквенного обозначения. | Символ қаптаманы жою мүмкіндігін көрсетеді. Символ сандық код және/немесе әріп белгілері түріндегі қаптама материалының белгісімен толықтырылуы мүмкін. |

## Российская Федерация

Импортер ООО “ЛГ Электроникс Рус”

Адрес импортера: 143160, Российская Федерация, Московская область, Рузский городской округ, территория Минское шоссе, километр 86-й, дом 9

Адрес производителя : ЛГ ЭЛЕКТРОНИКС (ХУЖОУ) ИНК., ЗАВОД ХАТАИ
ЛГ Электроникс (Хужоу) Инк., завод Хатаи 516006, Китай, пров. ГуанДонг, г. Хужоу, Промышленная зона Жонгкай, Индустриальный парк Хутаи, ХуФенг Донг Уи Роуд, 13.

**Сделано в Китае**

## Україна

Вироблено в: ЛГ Електронікс (Хужоу) Інк., завод Хатай
516006, Китай, пров. ГуанДонг, м. Хужоу, Промислова зона Жонгкай, Індустріальний парк Хутай, ХуФенг Донг Уі Роуд, 13.

## Қазақстан Республикасы

Импорттаушы АҚ “ЭЛ Джи Электроникс Алматы Қазақстан”, 050061, Алматы қ., Көкорай көшесі, 2А/9

Өндірушінің мекенжайы: LG Electronics(Huizhou) Inc. Huitai Factory
516006, Қытай, ГуанДонг ауданы, Хужоу қаласы, Жонгкай өнеркәсіптік аймағы, Хутай Индустриялық саябағы, ХуФенг Донг Уи Роуд, 13.

Қазақстан Республикасы территориясында тұтынушылардан келіп түскен талаптар мен ұсыныстарды қарайтын және тауарды жөндеу мен техникалық қызмет көрсететін ұжым:

АҚ «Эл Джи Электроникс Алматы Казақстан», 050061, Қазақстан Республикасы, Алматы қ., Көкорай көшесі, 2А/9. Басқа сервис орталықтары жайында мағлұматты “Тұтынушыға қызмет көрсету орталығына” телефон шалу арқылы білуге болады.

**Қытайда жасалған**