LG
Life's Good

OWNER'S MANUAL
300 W Sound Bar System

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

FOR THE WARRANTY TERMS & CONDITIONS, PLEASE REFER TO BACK COVER OF THIS MANUAL.

NB3520A (NB3520A, SHS36-D)



Safety Information

CAUTION
RISK OF ELECTRIC SHOCK DO NOT OPEN

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



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



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

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

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

CAUTION: Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from 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.

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. hen installing the product, ensure that the plug is easily accessible.

This device is equipped with a portable battery or accumulator.

Safety way to remove the battery or the battery from the equipment: Remove the old battery or battery pack, follow the steps in reverse order than the assembly. To prevent contamination of the environment and bring on possible threat to human and animal health, the old battery or the battery put it in the appropriate container at designated collection points. Do not dispose of batteries or battery together with other waste. It is recommended that you use local, free reimbursement systems batteries and accumulators. The battery shall not be exposed to excessive heat such as sunshine, fire or the like.

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

Disposal of your old appliance



1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

Disposal of waste batteries/accumulators



1. When this crossed-out wheeled bin symbol is attached to batteries/ accumulators of Your product it means they are covered by European Directive 2006/66/EC.
2. This symbol may be combined with chemical symbols for mercury(Hg), cadmium(Cd) or lead(Pb) if the battery Contains more that 0.0005% of mercury,0.002% of cadmium or 0.004% of lead.
3. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
4. The correct disposal of Your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.
5. For more detailed information about disposal of Your old batteries/ accumulators, please contact Your city office, waste disposal service or the shop where You purchased the product.

Europe Notice

CE 0984

LG Electronics hereby declares that this/these product(s) is/are in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC, 2004/108/EC, 2006/95/EC and 2009/125/EC.

Please contact to the following address for obtaining a copy of the DoC (Declaration of Conformity).

European Standards Centre:
Krijgsman 1, 1186 DM Amstelveen
The Netherlands

- Please note that this is NOT a Customer Service contact point. For Customer Service Information, see Warranty Card or contact the dealer that you purchased this product.

Indoor Use Only

POWER: This unit operates on a mains supply of 200-240V~, 50/60Hz.

WIRING: This unit is supplied with a BS 1363 approved main plug. When replacing the fuse, always use of the same rating approved to BS 1362. Never use this plug with the fuse cover omitted. To obtain a replacement fuse cover contact your dealer. If the type of plug supplied is not suitable for the mains sockets in your home, then the plug should be removed and a suitable type fitted. Please refer to the wiring instructions below:

WARNING: A mains plug removed from the mains lead of this unit must be destroyed. A mains plug with bared wires is hazardous if inserted in a mains socket. Do not connect either wire to the earth pin, marked with the letter E or with the earth symbol ⏚ or coloured green or green and yellow. If any other plug is fitted, use same rating of fuse in the plug.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following codes:

- BLUE: NEUTRAL, BROWN: LIVE - As the colours of the wires in the mains lead of this unit may not correspond with the coloured marking identifying the terminals in your plug, proceed as follows: The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red.

RF Radiation Exposure Statement
This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Italy Notice
A general authorization is requested for outdoor use in Italy.
The use of these equipments is regulated by:

1. D.L.gs 1.8.2003, n. 259, article 104 (activity subject to general authorization) for outdoor use and article 105 (free use) for indoor use, in both cases for private use.
2. D.M. 28.5.03, for supply to public of RLAN access to networks and telecom services.

L'uso degli apparati è regolamentato da:

1. D.L.gs 1.8.2003, n. 259, articoli 104 (attività soggette ad autorizzazione generale) se utilizzati al di fuori del proprio fondo e 105 (libero uso) se utilizzati entro il proprio
fondo, in entrambi i casi per uso private.
2. D.M. 28.5.03, per la fornitura al pubblico dell'accesso R-LAN alle reti e ai servizi di telecomunicazioni.

Brazil Notice
Este equipamento opera em caráter secundário, isto é, não tem direito a proteção contra interferência prejudicial, mesmo de estações do mesmo tipo, e não pode causar interferência a sistemas operando em caráter primário.

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Unique Features

Portable In

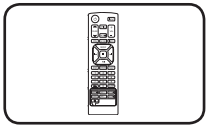
Listen to music from your portable device. (MP3, Notebook, etc)

Speaker ez (easy) Setup

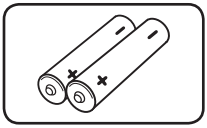
Listen to sounds from TV, DVD or Digital device with vivid 2.1 or 2.0 ch mode.

Accessories

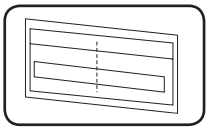
Please check and identify the supplied accessories.



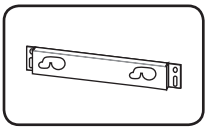
Remote control (1)



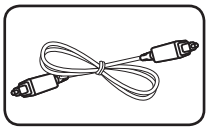
Batteries (2)



Wall Mount Bracket Installation Template (1)



Wall bracket (1)



Optical cable (1)

Introduction

Symbols Used in this Manual

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.

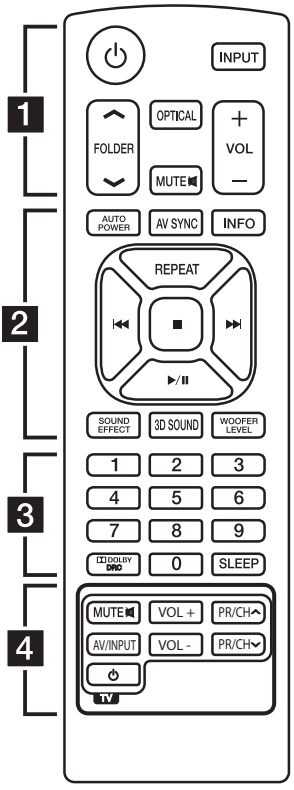
Playable file

MP3/ WMA 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)
- Maximum files : Under 999
- File extensions : ".mp3"/ ".wma"

Remote control



Battery Installation

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

• • • • • • • • • • 1 • • • • • • • • •

⏻ (Power): Switches the unit ON or OFF.

INPUT: Changes input sources.

∧ / ∨ FOLDER: Searches for a folder of MP3/ WMA files. When an USB containing MP3/ WMA files in several folders is being played, press **∧ / ∨ FOLDER** to select the folder you want to play.

OPTICAL: Changes input source to optical directly.

MUTE 🔇: Mutes the sound.

-/+ VOL: Adjusts speaker volume.

• • • • • • • • • • 2 • • • • • • • • •

AUTO POWER: This function is automatically turned on the unit.

AV SYNC: Synchronizes the audio and video.

INFO: Displays the file or input source information.

REPEAT: Listens to your files repeatedly or randomly.

⏮ / ⏭ (Skip/ Search) **:**
- Skips Fast backward or Forward.
- Searches for a section within a track.

■: Stops playback.

► / II: Starts playback. / Pauses playback.

SOUND EFFECT: Selects a sound effect mode.

3D SOUND: Turns on and off the 3D Sound mode.

WOOFER LEVEL: Sets the sound level of woofer.

• • • • • • • • • • 3 • • • • • • • • •

0 to 9 numerical buttons: Selects numbered files. Enters the PIN code.

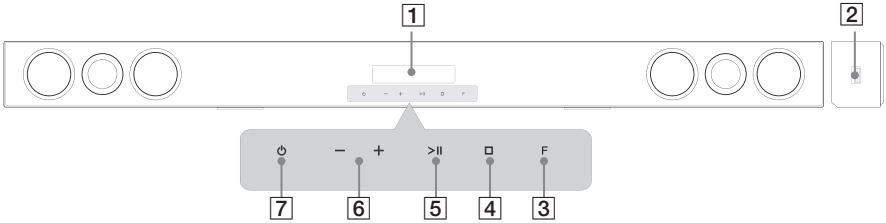
DOLBY DRC: Sets the Dobly DRC.

SLEEP: Sets the system to turn off automatically at a specified time.

• • • • • • • • • • 4 • • • • • • • • •

TV Control buttons: See page 22.

Front panel



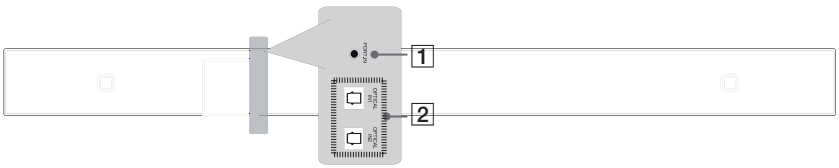
1 Display
2 USB Port
3 **F** (Function)
Press it repeatedly to select other function.
4 ☐ (Stop)
5 **>II** (Play / Pause)
6 **– / +** (Volume)
Adjusts speaker volume.
7 ⏻ (Standby/On)

Caution

Precautions in using the touch buttons

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

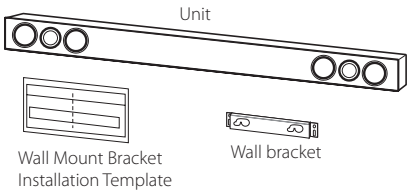
Rear panel



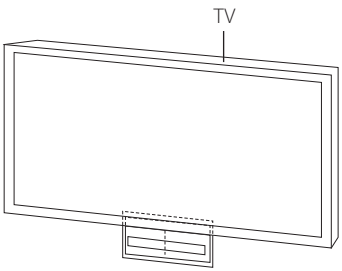
1 PORT. (Portable) IN
2 OPTICAL IN 1/ 2

Mounting the main unit on a wall

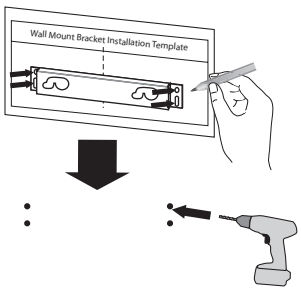
You can mount the main unit on a wall.
Prepare screws and brackets.



1. Match the TV's BOTTOM EDGE of Wall Mount Bracket Installation Template with the bottom of TV and attach to the position.



2. When you mount it on a wall (concrete), use the wall plugs (Not supplied). You should drill some holes. A guide sheet (Wall Mount Bracket Installation Template) is supplied to drill. Use the sheet to check the point to drill.

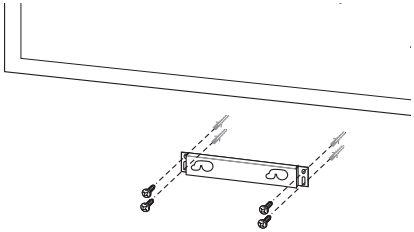


Note

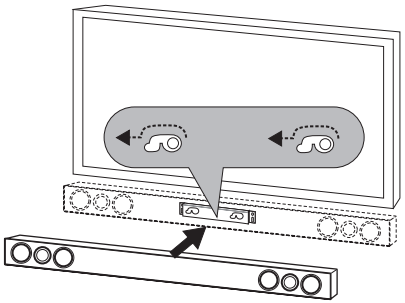
Screws and Wall Plugs are not supplied for mounting the unit. We recommend the Hilti (HUD-1 6 x 30) for the mounting. Please purchase it.

3. Remove the Wall Mount Bracket Installation Template.

4. Fix it with screws (not supplied) as shown in the illustration below.



5. Hang the main unit onto the bracket as shown below.



Caution

- Do not hang onto the installed unit and avoid any impact to the unit.
- Secure the unit firmly to the wall so that it does not fall off. If the unit falls off, it may result in an injury or damage to the product.
- When the unit is installed on a wall, please make sure that a child does not pull any of connecting cables, as it may cause it to fall.

Note

Detach the unit from the bracket as shown below.



Setting up

Pairing wireless subwoofer

LED indicator of wireless subwoofer

LED Color	Status
Blue or yellow	The wireless subwoofer is receiving the signal of the unit.
Blue or yellow (blink)	The wireless subwoofer is trying to connect.
Red	The Wireless subwoofer is in standby mode.
Off (No display)	The power cord of wireless subwoofer is disconnected.

Setting up the wireless subwoofer for the first time

1. Connect the power cord of the Wireless subwoofer to the outlet.
2. Turn on the main unit : The main unit and wireless subwoofer will be automatically connected.

Manually pairing wireless subwoofer

When your connection is not completed, you can see the red LED on the woofer and woofer is not made sound. To solve the problem, follow the below steps.

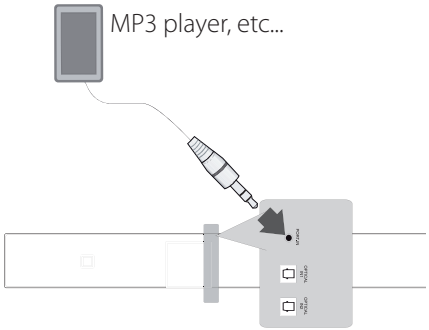
1. Press and hold ☐ STOP button on the unit and MUTE button on the remote control simultaneously.
   - Displays the "REMATE".
2. Press **PAIRING** on back of the woofer.
   - The blue or yellow LED will flicker
3. Turn off and on the unit.
   - If you see "blue or yellow" LED, it' s successful.
4. If you don't see "blue or yellow" LED, try again Step 1 - Step 3.

Note

- If you operate main unit then wireless subwoofer sound within a few seconds in standby mode.
- Set the distance between this unit and wireless subwoofer within 10 m (32 ft.).
- Optimum performance can be implemented only when the unit and the Wireless subwoofer within distance of 2 m (6 ft.) to 10 m (32 ft.) is used since communication failure may occur if longer distance is used.
- It takes a few seconds (and may take longer) for the unit and subwoofer to communicate with each other.

Optional Equipment Connection

PORT. (Portable) IN Connection



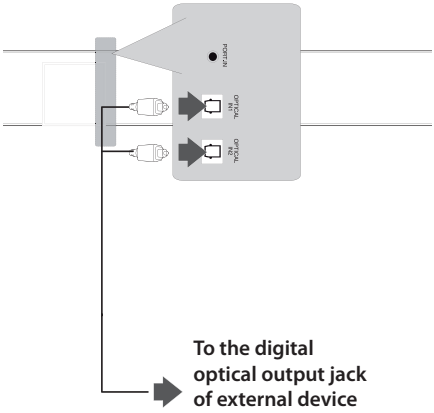
Listening to music from your portable player

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

1. Connect the portable player to the PORT. (Portable) IN connector of the unit.
2. Turn the power on by pressing ⏻ (Power).
3. Select the PORTABLE function by pressing **INPUT**.
4. Turn on the portable player or external device and start playing it.

OPTICAL In connection

Connect an optical output of external devices to the OPTICAL IN 1/ 2 connector.



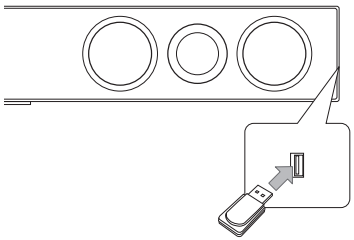
Speaker ez (easy) setup

Listens to sound from TV or DVD or Digital Device with 2.1 or 2ch mode.

1. Connect the unit's OPTICAL IN 1/ 2 jack to jack on optical out of your TV (or Digital Device etc.).
2. Select the OPTICAL 1/ 2 by using the **OPTICAL**. To select the OPTICAL 1/ 2 directly
3. Listen to sound with 2.1 or 2ch speaker.
4. Press **OPTICAL** to exit from OPTICAL 1/ 2. Function is retuned to previous one.

USB Playback

Insert USB memory device to the USB port on the right side of the unit.



Removing the USB Device from the unit.

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

Compatible USB Devices

- MP3 Player : Flash type MP3 player.
- USB Flash Drive : Devices that support 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 minutes 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.
- 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.
- The unit's USB Port cannot be connected to PC. The unit can not be used as a storage device.

Basic Operations

USB Operation

1. Connect the USB device to the USB port.
2. Select the USB function by pressing **INPUT**.
3. Select a file you want to play by pressing ⏮ or ⏭.

To	Do this
Stop	Press ■.
Playback	Press ▶/⏸.
Pause	Press ▶/⏸.
Skipping to the next/ previous file	During playback, press ⏮ or ⏭ to go to the next file or to return to the beginning of the current file. Press ⏮ twice briefly to step back to the previous file.
Searching for a section within a file	Press and hold ⏮/⏭ during playback and release it at the point you want to listen to.
Playing repeatedly or randomly	Press **REPEAT** on the remote control repeatedly, the display change in the following order, RPT 1 → RPT D (DIRECTORY) → RPT ALL → RANDOM → OFF.
Selecting files directly	Press **0 to 9 numerical buttons** on the remote control to go to the desired file directly.

Other Operations

DOLBY DRC (Dynamic Range Control)

Make the sound clear when the volume is turned down (Dolby Digital only). Set to [DRC ON] by using **DOLBY DRC**.

AV Sync

When receiving audio signals from TV, sound and images may not be matched. In the case, this function can adjust the delay time.

1. Press **AV SYNC**.
2. Use ⏮ ⏭ to scroll up and down through the delay amount, which you can set at anything between 0 and 300ms.

AUTO POWER On/Off

Before operating this function, make sure that you have selected OPTICAL IN and turn on the AUTO POWER. This function automatically turns on/off the unit when you turn on/off the external device (TV, DVD Player, Blu-ray Disc Player, etc.) connected to this unit by the optical cable. This function turns on or off each time you press **AUTO POWER**.

Display	Operation
AUTO POWER ON	AUTO POWER function is turned on.
AUTO POWER OFF	AUTO POWER function is turned off.

Note

- This function is intentionally designed to turn off the unit after 15 minutes of inactivity. If you did not connect external devices with optical cable or there is no digital audio signal going to the unit, the unit will turn off after 15 minutes of inactivity if AUTO POWER function is turned on.
- Depending on the connected device by the optical cable, this function may not operate.

AUTO POWER DOWN

This unit will be off itself to save electronic consumption in the case main unit is not connected to external device and is not used for 25 minutes.

So does this unit after six hours since Main unit has been connected to other device using analog input.

But the unit can turns on automatically based on the [AUTO POWER] function you've set.

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.

Turn off the sound temporarily

Press **MUTE** to mute your unit.

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

Adjust the woofer level settings

You can adjust the sound level of woofer.

1. Press **WOOFER LEVEL**.
2. Press **-/+ VOL** to adjust the sound level of the woofer.

Displaying file and input source

You can display various information on the USB and OPTICAL IN 1/ 2 mode by pressing **INFO**.

USB : MP3/ WMA containing file information

OPTICAL IN 1/ 2 : Audio format, Audio channel

Sound adjustment

Setting the surround mode

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

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.
BYPASS	You can enjoy the sound without equalizer effect.
BASS	The BASS is Bass Blast. During playback, reinforce the treble, bass and surround sound effect.
CLRVOICE	The CLRVOICE is 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	The GAME is Game Equalizer. You can enjoy more virtual sound while playing video games.
NIGHT	The NIGHT is Night Mode. This may be useful when you want to watch movies at low volume late at night.
UPSCALER	The UPSCALER is MP3 Up-Scaling. When listening to MP3 files or other compressed music, you can enhance the sound. This mode is available only to 2 channel sources.
LOUDNESS	Improves the bass and treble 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.
- You may need to reset the surround mode, after switching the input, sometimes even after the sound file changed.

3D Sound Effect

3D Sound features deliver sound creating a wider spot so you can enjoy more immersive and cinematic surround sound. Press **3D SOUND** to turn on or off the 3D Sound mode.

Using Bluetooth technology

About Bluetooth

Bluetooth® is wireless communication technology for short range connection.

The available range is within 10 meters.

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

Bluetooth Profiles

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

A2DP (Advanced Audio Distribution Profile)

Listening to music stored on the Bluetooth devices

Pairing your unit and Bluetooth device

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

1. Select the Bluetooth function by using the **INPUT**.
   Appears "BT" and then "BT READY" in display window.
2. Operate the Bluetooth device and perform the pairing operation. When searching for this unit with the Bluetooth device, a list of the devices found may appear in the Bluetooth device display depending on the type of Bluetooth device.Your unit appears as "LG Audio".
3. Enter the PIN code.
   PIN code : 0000
4. When this unit successfully paired with your Bluetooth device, Bluetooth LED of this unit lights up and appears "PAIRED".

Note

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

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

Note

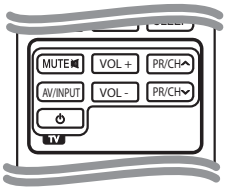
If you change the function of the unit, the Bluetooth function is disconnected, operate pairing again.
(Bluetooth ⟷ Function other than the Bluetooth)

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.
- Although the distance between your Bluetooth and the set is less than 10m, there are obstacles between both, your Bluetooth device cannot be connected.
- Depending on the type of the device, you may not be able to use the Bluetooth function.
- You can enjoy wireless system using phone, MP3, Notebook, etc..
- When not connected the Bluetooth, "BT READY" appears on the display window.
- The Electrical malfunction due to devices using same frequency such as Medical equipment, Microwaves or wireless LAN devices, the connection will be disconnected.
- When someone stands and interrupts communication between Bluetooth device and the player, the connection will be disconnected.
- If the gotten away of the distance between Bluetooth and the unit, the sound quality is lower and lower the connection will disconnect when the space between the Bluetooth and the unit gets out of the operating range of Bluetooth.
- The device with Bluetooth wireless technology is disconnected, if you turn off the main unit or put the device away from the main unit more than 10m.

Controlling a TV with the Supplied Remote Control

You can control your TV using the buttons below.



Button	Operation
MUTE	Turn the TV's volume on or off
AV/INPUT	Switch the TV's input source between the TV and other input sources.
(TV POWER)	Turn the TV on or off.
VOL +/–	Adjust the volume of the TV.
PR/CH ∧ / ∨	Scan up or down through memorized channels.

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	1, 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.

Troubleshooting

PROBLEM	CORRECTION
No Power	Plug in the power cord.
	Check the condition by operating other electronic devices.
No sound	Press INPUT and check the selected function. The power cord of woofer is not connected. Plug the power cord into the wall outlet securely. Pairing between the unit and woofer gets disconnected. Connect the unit and woofer. (Refer to the page 14)
The remote control does not work properly.	The remote control is too far from the unit. Operate the remote control within about 23 ft (7m).
	There is an obstacle in the path of the remote control and the unit. Remove the obstacle.
	The battery in the remote control is exhausted. Replace the batteries with new one.
The AUTO POWER function does not work.	Depending on the connected device by the optical cable, this function may not operate.

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.

Trademarks and Licenses



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Manufactured under license under U.S. Patent Nos: 5,956,674; 5,974,380; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS, the Symbol, & DTS and the Symbol together are registered trademarks & DTS 2.0 Channel is a trademark of DTS, Inc. Product includes software. © DTS, Inc. All Rights Reserved.



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.

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

Specifications

General	
Power requirements	200 - 240 V, 50 / 60 Hz
Power consumption	35 W
Dimensions (W x H x D)	1 000 x 80 x 55 mm without foot
Net Weight (Approx.)	3.0 kg
Operating temperature	41 °F to 95 °F (5 °C to 35 °C)
Operating humidity	5 % to 90 %
Bus Power Supply (USB)	DC 5 V ⎓ 500 mA

Inputs	
DIGITAL IN (OPTICAL IN)	3 V (p-p), Optical jack x 2
PORT. IN	0.5Vrms (3.5 mm stereo jack)

Amplifier	
Stereo mode	80 W + 80 W (4 Ω at 1 kHz)
Subwoofer	140 W (3 Ω at 60 Hz)

Wireless subwoofer	
Power requirements	200 - 240 V, 50 / 60 Hz
Power consumption	35 W
Type	1 Way 1 Speaker
Impedance Rated	3 Ω
Input Power	140 W
Max. Input Power	280 W
Net Dimensions (W x H x D)	196 x 392 x 317 mm
Net Weight	6.88 kg

Designs and specifications are subject to change without prior notice.



Technology with the human touch

GUARANTEE

- LG Electronics U.K. Ltd. will provide the following services in order toexpedite this Guarantee.

1. All faulty components which fail due to defective manufacture will be replaced free of charge for a period of 12 months from the original date of purchase.
2. The dealer (or his service agent) who sold the product will be reimbursed for any labour provided in the repair of this LG equipment, for a period of 12 months from the original date of purchase. These claims must be made in accordance with the published scale of service charges and relevant claims procedure.

PLEASE NOTE:

A. The dealer may restrict the guarantee to the original purchaser.

B. The dealer is not obliged to carry out service under guarantee if unauthorized modifications are made to the apparatus, or if non standard components are used or if the serial number of the apparatus is removed, defaced, misused, or altered.

C. Any claims made under guarantee must be directed to the dealer from whom the equipment was originally purchased. The dealer may, before carrying out service under guarantee, require a receipted account as evidence of the date of purchase.

D. We respectfully point out that your dealer is not obligated to replace batteries if they become exhausted or worn in use.

E. Aerial alignment and consumer control adjustments are not covered by this guarantee.

This guarantee does not affect your statutory rights.

- REQUIREMENTS TO MAINTAIN WARRANTY COVERAGE:
  RETAIN YOUR RECEIPT TO PROVE DATE OF PURCHASE. A COPY OF YOUR RECEIPT MUST BE SURRENDERED AT THE TIME GUARANTEE SERVICE IS PROVED.
- Product Registration Card :
  It is helpful to complete at least your name, address, phone, model & serial numbers and return it. This will enable LG to assist you in the future should you lose your receipt, your units be stolen, or should modifications be necessary.
- To obtain information or assistance: Call 0870 873 5454 Monday-Friday 9.00am-4.30pm

MODEL NO.*	SERIAL NO.*	DATE OF PURCHASE.*

In all cases of difficulty - consult your LG dealer from whom the product was purchased

LGEUK Website : www.lge.co.uk
(service website : www.lgelectronics.co.uk)


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