LG
Life's Good

OWNER'S MANUAL

Sound Bar

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

LAS350B (LAS350B, S35A1-W)

www.lg.com

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 shall not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, shall 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 shall be never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.

CAUTION concerning the Power Cord

Most appliances recommend they be placed upon a dedicated circuit;

That is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized service center. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance. The Power Plug is the disconnecting device. In case of an emergency, the Power Plug must remain readily accessible

NOTICE: For Product Identification and Compliance/Safety labeling information please refer to Main Label on the bottom of Unit.

This device is equipped with a portable battery or accumulator.

Safety way to remove 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 should not be exposed to excessive heat such as sunshine, fire or the like.

Disposal of your old appliance



1. 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.
2. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
3. 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



Pb

1. 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.
2. All batteries/accumulators should be disposed 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 batteries/ accumulators will help to prevent potential negative consequences for the environment, animal and human health.
4. 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.

Declaration of Conformity

CE 1588

Hereby, LG Electronics European Shared Service Center B.V., declares that this Wireless Sound Bar is compliant with the essential requirements and other relevant provisions of Directive 1999/5/EC. The complete Declaration of Conformity may be requested through the following postal address:

LG Electronics European Shared Service Center B.V.
European Standard Team
Krijgsman 1
1186 DM Amstelveen
The Netherlands

or can be requested at our dedicated DoC website:

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

This device is a 2.4 GHz wideband transmission system, intended for use in all EU member states and EFTA countries.

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.

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Unique features

Auto power down

This unit will turn off by itself for energy saving consumption.

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.

Introduction

Symbols used in this manual

Note

Indicates special notes and operating features.

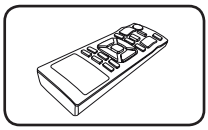
Caution

Indicates cautions for preventing possible damages from abuse.

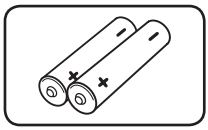
Accessories

Please check and identify the supplied accessories.

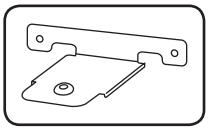
Designs and specifications of the accessories are subject to change without prior notice.



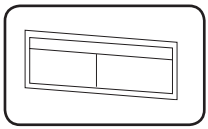
Remote control (1)



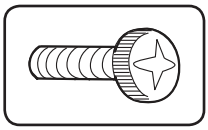
Batteries (2)



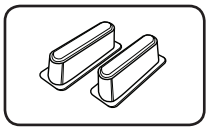
Wall bracket (2)



Wall bracket install guide (1)

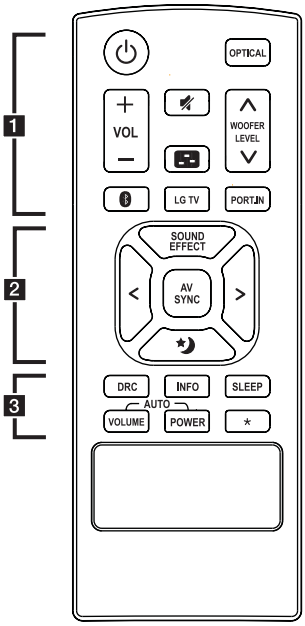


Screws (2)

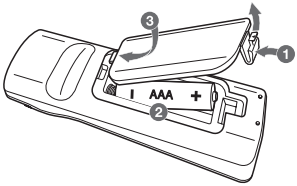


Cover foot (2)

Remote control



Replacement of battery



Remove the battery cover on the rear of the Remote Control, and insert two R03 (size AAA) batteries with ⊕ and ⊖ matched correctly.

1

(Power) **:** Switches the unit ON or OFF. / Switches to the standby mode.

OPTICAL : Changes input source to OPTICAL.

VOL +/— : Adjusts speaker volume.

(Mute) **:** Mutes the sound.

: Adjusts sound level of Treble or Bass.

WOOFER LEVEL ∧/∨ : Adjusts sound level of Sub-woofer.

: Changes input source to **Bluetooth**.

LG TV : Changes input source to LG TV

PORT.IN : Changes input source to Portable.

2

SOUND EFFECT : Selects a sound effect mode.

AV SYNC : Synchronizes the audio and video.

< / > : Selects Sound Effects or adjusts AV sync.

(Night mode) **:** Turns on or off Night mode.

3

DRC : Turns on or off DRC function.

INFO :

- Displays the information of an input source and **Bluetooth** address.

- Controls TV remote (Refer to the page 15)

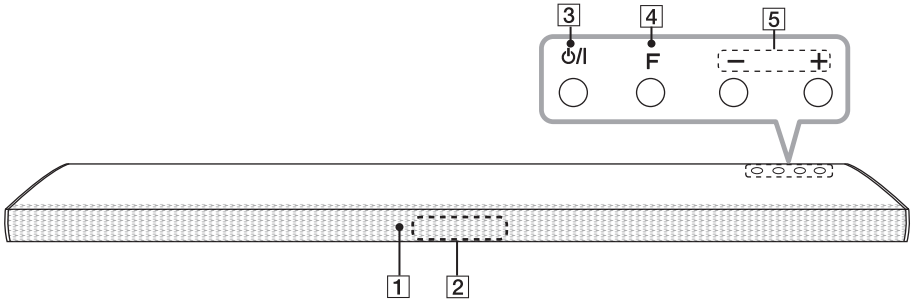
SLEEP : Sets the system to turn off automatically at a specified time.

AUTO VOLUME : Turns on and off the AUTO VOLUME mode.

AUTO POWER : Turns on or off AUTO POWER function. (Refer to the page 16.)

*** :** This button is not available.

Front panel



1 Remote sensor

2 Display window

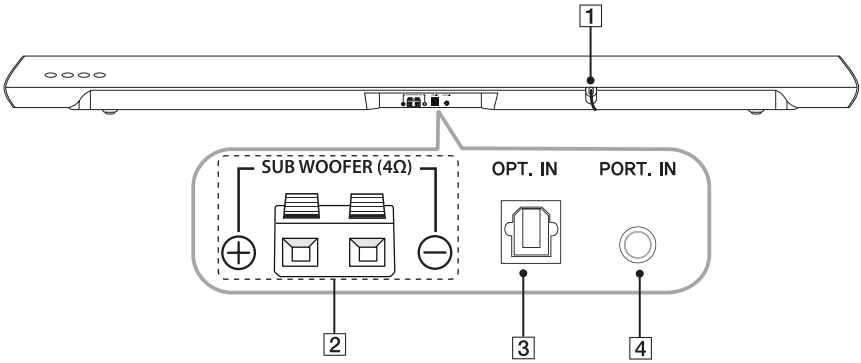
Standby LED
It lights up in red on standby mode.

3 ⏻ / I (Standby/On)

4 **F** (Function)
Selects the function and input source.

5 — / + (Volume)
Adjusts volume level.

Rear panel



1 Power cord

2 **SUB WOOFER(4Ω)** Connector

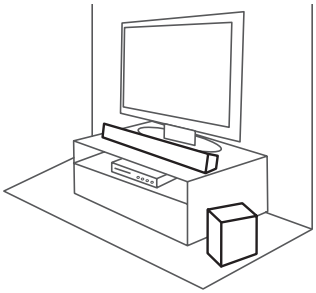
3 **OPT. IN :** Optical input

4 **PORT. IN :** Portable input

Installing the sound bar

You can hear the sound by connecting the unit to the other device : TV, Blu-ray disc player, DVD player, etc.

Place the unit in front of the TV and connect it to the device you want. (Refer to pages 12 - 13.)

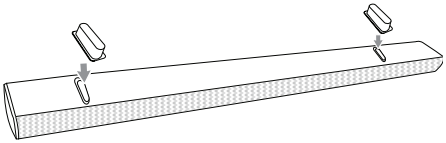


Caution

- For best performance of wireless connection such as Bluetooth, do not install the unit on Metallic furniture because wireless connection communicates through a module positioned on the bottom of the unit.
- Be careful not to make scratches on the surface of the Unit /Sub-Woofer when installing or moving them.
- Use caution when handling the Sub Woofer. The speaker on the rear is exposed. Avoid making contact with the exposed speaker.

Installing the cover foot

You can extend the height of the unit by using cover foot (height : 17 mm)

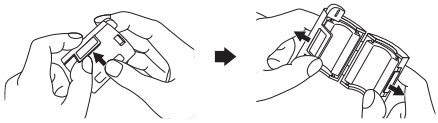


1. Turn the unit upside down.
2. Peel off a sticker attached to the cover foot. Then place it on the existing foot of the unit.
3. Press the cover foot with adequate force to get it firmly fixed.

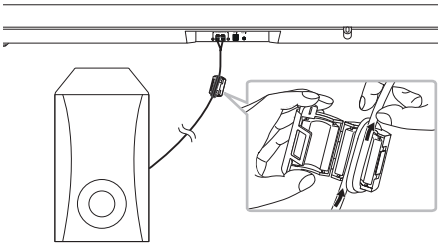
How to Affix the Ferrite Core (Optional)

You may need to attach Ferrite core in order to reduce or eliminate any electrical interference.

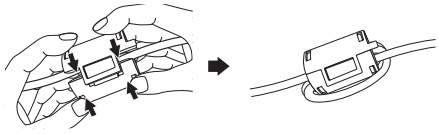
1. Open



2. Wind (Twice)

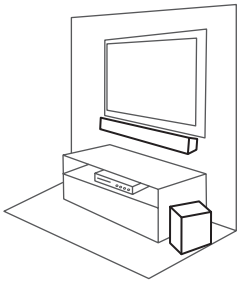


3. Close



Mounting the main unit on a wall

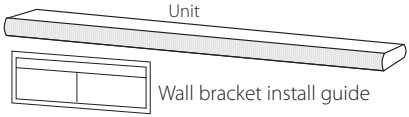
You can mount the main unit on a wall.



Caution

Because it is difficult to make a connection after installing this unit, you should connect the cables before installation.

Preparation materials



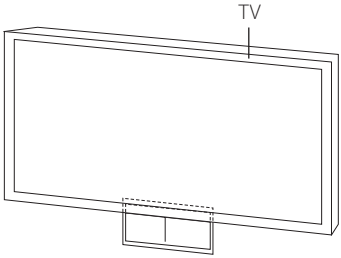

Wall bracket


Screws

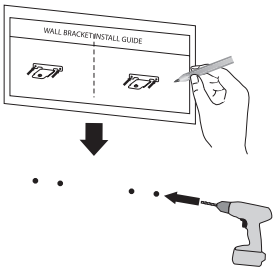
(Not supplied)


Screws (**A**)
Wall plug

1. Match the TV's BOTTOM EDGE of Wall bracket install guide with the bottom of TV and attach to the position.

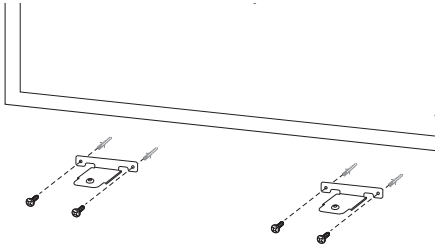


2. When you mount it on a wall (concrete), use the wall plugs. You should drill some holes. A guide sheet (Wall bracket install guide) is supplied to drill. Use the sheet to check the point to drill.



3. Remove the Wall bracket install guide.

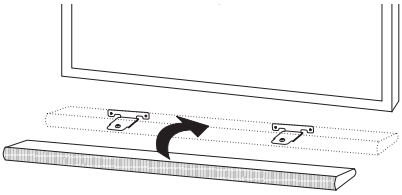
4. Fix the brackets with screws (**A**) as shown in the illustration below.



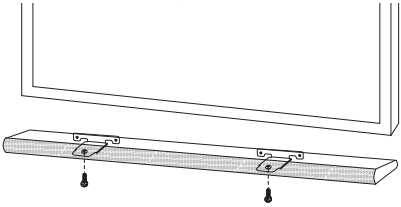
Note

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

5. Put the unit on the brackets to match screw holes on the bottom of the unit.



6. Fix the unit with the screws firmly.



Note

To detach the unit, perform it in reverse order.

Caution

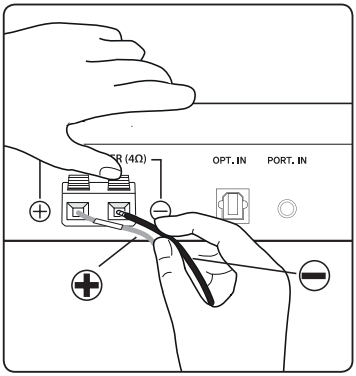
- Do not install this unit upside down. It can damage the parts of this unit or be the cause of personal injury.
- Do not hang onto the installed unit and avoid any impact to the unit.
- Secure the unit firmly to the wall so that it does not fall off. If the unit falls off, it may result in an injury 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.

Connecting the subwoofer

Attaching the subwoofer to the unit

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

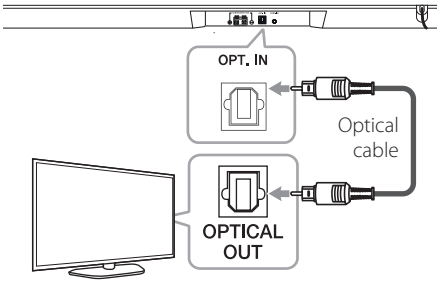
Connect the black wire to the terminals marked - (minus) and the other end to the terminals(red tube) marked + (plus).



Connecting to your TV

Using an OPTICAL cable

1. Connect the OPT. IN jack on the back of the unit to OPTICAL OUT jack on the TV using an OPTICAL cable.



2. Set the INPUT source to OPTICAL. Press **OPTICAL** on the remote control or **F** on the unit until the function is selected.

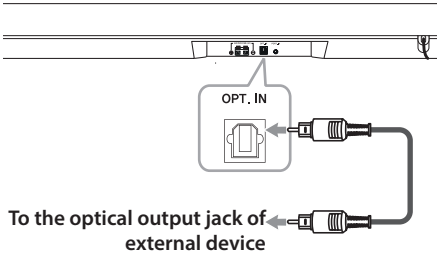
Note

- Before connecting the optical cable, be sure to remove the protection plug cover if your cable has the cover.
- You can enjoy the TV audio through the speakers of this unit. In the case of some TV models, you must select the external speaker option from the TV menu. (For details, reference your TV user manual.)
- Set up the sound output of TV to listen to the sound through this unit :
  TV setting menu → [Sound] → [TV Sound output] → [External speaker (Optical)]
- Details of TV setting menu vary depending on the manufacturers or models of your TV.

Optional equipment connection

OPTICAL IN connection

Connect an optical output jack of external devices to the OPTICAL IN jack.

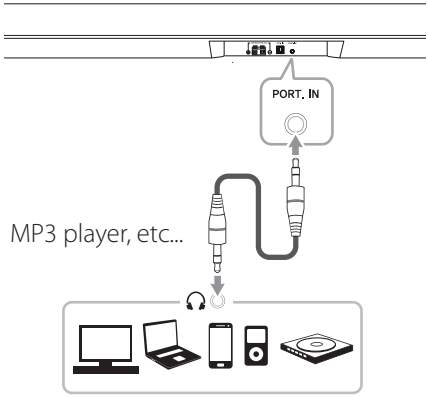


1. Connect the OPTICAL IN jack on the back of the unit to optical out jack of your TV (or digital device etc.)
2. Select the input source to OPTICAL by pressing **OPTICAL** on the remote control or **F** on the unit until the function is selected.
3. Listen to sound.

Note

Before connecting the optical cable, be sure to remove the protection plug cover if your cable has the cover.

PORTABLE IN connection



Listening to music from your portable player

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

1. Connect the portable player to the PORTABLE IN connector of the unit by using 3.5 mm stereo cable.
2. Turn the power on by pressing ⏻ (Power).
3. Select the PORTABLE function by pressing **PORT.IN** on the remote control or **F** on the unit until the function is selected.
4. Turn on the portable player or external device and start playing it.

Operations

DRC (Dynamic Range Control)

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

Turn off the sound temporarily

Press (Mute) 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 on the remote control or change the volume level.

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 300 ms.

Displaying input information

You can display various information by pressing **INFO**.

OPTICAL: Audio format, Audio channel

Bluetooth: Address of connected **Bluetooth** device

Sleep timer setting

This unit will be turned off automatically by your timer set.

Press **SLEEP** repeatedly to select the desired time period options (in minutes):

DISPLAY OFF (display window will turns off) -> DIMMER (display window will be darkened by half) -> Sleep timer value (180 ~ 10) -> Display on

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.

Adjusting the brightness of the display window

It helps you to watch TV without interruptions due to the light from the display window of this unit.

DISPLAY OFF

Select DISPLAY OFF to turn off the display window of this unit. If you input the buttons of the unit or the remote control, display shows the status of the unit and then turns off again after several seconds.

DIMMER

Select DIMMER to dim the display window.

Using your TV remote control

You can control some functions of this unit by your TV remote control even by other company's product.
Controllable functions are volume up/down and mute.

Press and hold **INFO** on the remote control for about 3 seconds. "ON - TV REMOTE" appears and you can control this unit by your TV remote control.

To check the status of this function, press and hold **INFO**.

To turn off this function, press and hold **INFO** and press it once again while "ON - TV REMOTE" is scrolled.

Note

- Supported TV brands

LG	Panasonic	Philips	Samsung
Sharp	Sony	Toshiba	Vizio

- Make sure that the sound output of your TV is set to [External speaker].
- Depending on the remote control, this function may not work well.
- This function may not work well when you use LG Sound Sync.

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. (Ex : Portable, etc..)

How to disconnect the wireless network connection or the wireless device

Set up the AUTO POWER ON/OFF function to off and turn off the unit.

AUTO POWER On/Off

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

When you turn on your TV or an external device connected to this unit, this unit recognizes the input signal and select the suitable function. You can hear the sound from your device.

If you try to connect your **Bluetooth** device, this unit turns on and ready to pair. Connect your **Bluetooth** device and play your music.

This function turns on or off each time you press **AUTO POWER**.

Note

- After the unit is turned on by AUTO POWER function, it will be automatically turned off if there is no signal for a certain period of time from the TV connected by LG Sound Sync (Optical/Wireless).
- After the unit is turned on by AUTO POWER function, it will be automatically turned off if there is no signal for a certain period of time from the external device.
- If you turned off the unit directly, it cannot be turned on automatically by AUTO POWER function. However the unit can be turned on by AUTO POWER function when optical signal comes in after 5 seconds of no signal.
- Depending on the connected device, this function may not operate.
- 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 turn off the unit.
- When you turn on this unit for the first time, Auto Power function is turned on status.

Auto function change

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

When optical signal comes in

When you turn on the external device connected to this unit by an optical cable, this unit change the function to optical. You can hear the sound from your device.

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 (Wireless connection), this unit changes the function to LG TV. You can hear the sound from your TV.

Note

To change to optical function, it needs 5 seconds of no signal.

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.

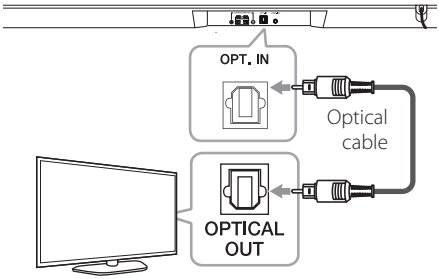
Make one of the following connections, depending on the capabilities of your equipment.

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.
- When the connection fails, make sure of the condition of the TV and power.
- 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 optical cable.
  - Disconnecting the wireless connection caused by interference or a distance.
- The amount of time to turn off this unit is different depending on your TV when you set AUTO POWER function to ON.
- Details of TV setting menu vary depending on the models of your TV.

With wired connection

1. Connect your LG TV to the unit by using an optical cable.



2. 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 (Optical)]
3. Turn on the unit by pressing ⏻ (Power) on the remote control.
4. Select OPTICAL function by using **OPTICAL** on the remote control or **F** on the unit until the function is selected.

   You can see "LG OPT" on the display window if connecting normally between this unit and your TV.

With wireless connection

1. Turn on the unit by pressing ⏻ (Power) on the remote control.
2. Select LG TV function by using **LG TV** on the remote control or **F** on the unit until the function is selected.
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 for about 3 seconds 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 models of your TV.

Using BLUETOOTH® 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 etc.

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 on the remote control or **F** on the unit until the function is selected.
   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 LAS350B (XX)".

Note

- XX means the last two digits of **Bluetooth** address. For example, if your unit has a **Bluetooth** address such as 9C:02:98:4A:F7:**08**, you will see "LG LAS350B (**08**)" on your **Bluetooth** device.
- Depending on the **Bluetooth** device type, some device have a different pairing way. Enter the PIN code (0000) as needed.
- You can connect this unit with up to 3 **Bluetooth** device simultaneously same method as above description.
- The multi pairing connection is only supported on Android or iOS devices. (Multi pairing connection may not be supported depending on the connected device specifications.)
- Removable/detachable **Bluetooth** device (Ex : Dongle etc..) doesn't supported multi pairing.

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

Note

- "PAIRED" will be momentarily appear on the display when you connect other devices for multi pairing.
- If it is unavailable to display device name on the unit, "_" will be displayed.

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

Note

- When using **Bluetooth** technology, you have to make a connection between the unit and the **Bluetooth** device as close as possible and keep the distance.
  However it may not work well in the case below :
  - There is a obstacle between the unit and the **Bluetooth** device.
  - There is a device using same frequency with **Bluetooth** technology such as a medical equipment, a microwave or a wireless LAN device.
- You should connect your **Bluetooth** device to this unit again when you restart it.
- Even if this unit connected up to 3 **Bluetooth** devices, you can play and control music by using only one of the connected devices.
- When this unit connected with multiple **Bluetooth** devices, only one device which you are playing keeps **Bluetooth** connection when you change the function to the others.

Note

- The sound may be interrupted when the connection interfered by the other electronic wave.
- You may not control the **Bluetooth** device with this unit.
- 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..
- The more distance between the unit and the **Bluetooth** device, the lower the sound quality becomes.
- **Bluetooth** connection will be disconnected when the unit is turned off or the **Bluetooth** device gets far from the unit.
- When **Bluetooth** connection is disconnected, connect the **Bluetooth** device to the unit again.
- When not connected the **Bluetooth**, "BT READY" appears on the display window.
- When you connect **Bluetooth** device (iOS device etc.) to this unit or operate the device, the volume level can be synchronized with each other.

Using BLUETOOTH App

Note

Only Android OS is available to use "Music Flow Bluetooth" app with this unit.

About "Music Flow Bluetooth" App

"Music Flow Bluetooth" app brings a suite of new features to this unit.

To enjoy more features, you are recommended to download and install free "Music Flow Bluetooth" app.

Install "Music Flow Bluetooth" App onto Your BLUETOOTH Device

There are two ways to install "Music Flow Bluetooth" App onto Your **Bluetooth** Device.

Install "Music Flow Bluetooth" App through QR code

1. Install "Music Flow Bluetooth" app through QR code. Use the scanning software to scan the QR code.

2. Tap an icon for installation.
3. Tap an icon for downloading.

Note

- Make sure that your **Bluetooth** device is connected to the Internet.
- Make sure that your **Bluetooth** device has a scanning software application. If you don't have one, download one from "Google Android Market (Google Play Store)".
- Depending on area, QR code may not work.

Install "Music Flow Bluetooth" App through "Google Android Market (Google Play Store)"

1. Tap the "Google Android Market (Google Play Store)" icon.
2. In the search bar, type in the "Music Flow Bluetooth" and search it.
3. In the search result list, find and tap "Music Flow Bluetooth" to start downloading **Bluetooth** app.
4. Tap an icon for installation.
5. Tap an icon for downloading.

Note

- Make sure that your **Bluetooth** device is connected to the Internet.
- Make sure that your **Bluetooth** device is equipped with "Google Android Market (Google Play Store)".

Activate BLUETOOTH with "Music Flow Bluetooth" App

"Music Flow Bluetooth" app helps to connect your **Bluetooth** device to this unit.

1. Tap "Music Flow Bluetooth" app icon on the home screen to open "Music Flow Bluetooth" app, and go to the main menu.
2. Tap [Menu] and select the unit you want.
3. If you want to get more information to operate, tap [Setting] and turn on the User guide.

Note

- "Music Flow Bluetooth " app will be available in the software version as follow;
  - Android O/S : Ver 4.0.3 (or later)
- If you use "Music Flow Bluetooth " app for operation, there would be some differences between "Music Flow Bluetooth " app and the supplied remote control. Use the supplied remote control as necessary.
- Depending on the **Bluetooth** device, "Music Flow Bluetooth " app may not work.
- After connection of "Music Flow Bluetooth" app, music may be output from your device. In this case, try connecting procedure again.
- If you operate the other applications or change the settings on your **Bluetooth** device while using "Music Flow Bluetooth " app, "Music Flow Bluetooth " app may operate abnormally.
- When "Music Flow Bluetooth " app operates abnormally, check your **Bluetooth** device and the connection of "Music Flow Bluetooth " app and then try to connect again.
- Depending on the smart phone's operating system, you have some differences for "Music Flow Bluetooth " operation.
- Even though **Bluetooth** connection will be disconnected, you can use "Music Flow Bluetooth " app when you change the function.

Sound adjustment

Setting sound effect

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

Press **SOUND EFFECT** repeatedly or press **SOUND EFFECT** and then, press **<** / **>**.

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

On Display	Description
STANDARD	You can enjoy optimized sound.
MUSIC	You can enjoy comfortable and natural sound.
CINEMA	You can enjoy more immersive and cinematic surround sound.
FLAT	Provides balanced sound.
BOOST	Boosts the mid-range for sound reinforcement.
TRE / BASS (TREBLE / BASS)	Reinforces the treble and bass.

Note

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

Adjust volume level automatically

This unit supports Auto volume function that automatically adjusts the volume level.

When the output sound is too loud or too low, press **AUTO VOLUME** on the remote control. So you can enjoy the sound with appropriate levels.

To cancel this function, press the button again.

Adjust the Treble/Bass

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

TREBLE/BASS : - 5 dB to 5 dB

1. Press button repeatedly to select TREBLE or BASS
2. Press **VOL +/—** to adjust the sound level.

Adjust the woofer level settings

You can adjust the sound level of woofer from - 20 dB to + 6 dB.

Press **WOOFER LEVEL ∧** or **WOOFER LEVEL ∨** to adjust the sound level of the woofer.

Night mode

This function is useful when you want to watch movies at low volume late at night.

Press button on the remote control. So you can activate Night mode. To cancel it, press button again.

Troubleshooting

PROBLEM	CAUSE & CORRECTION
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. • Disconnect the power cord of this unit and the connected external device (TV, Woofer, DVD-player, Amplifier, etc.) and then try connecting again. • Previous setting may not be saved when device power is shut off.
No Power	• The power cord is unplugged. Plug in the power cord. • Check the condition by operating other electronic devices.
No sound	• Incorrect input source is selected. Check the input source and select the correct input source. • The mute function is activated. Press (Mute) or adjust the volume level to cancel the mute function. • When you are using connection with a external device (set top box, **Bluetooth** device etc.), adjust volume level of the device.
No woofer sound	• Connect the unit and the subwoofer. (Refer to the page 12)
No display	• The DISPLAY OFF function is activated. Press **SLEEP** repeatedly to cancel the function. (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 7 m. • There is an obstacle in the path of the remote control and the unit. Remove the obstacle. • The batteries in the remote control is exhausted. Replace the batteries with new one.
The AUTO POWER function does not work.	• Check connection of the external device such as TV, DVD/Blu-Ray player or **Bluetooth** device. • Depending on the connected device, this function may not operate.
LG Sound Sync does not work.	• Check whether your LG TV supports LG Sound Sync. • Check connection of LG Sound Sync (Optical or wireless). • Check sound setting of your TV and this unit.

PROBLEM	CAUSE & CORRECTION
When you feel the output sound of the unit is low.	Check the details below and adjust the unit according to them. • Switch [ON] state of DRC function to [OFF] by using remote controller. • With the sound bar connected with TV, change the AUDIO DIGITAL OUT setting on TV Setup Menu from [PCM] to [AUTO] or [BITSTREAM]. • With the sound bar connected with Player, change the AUDIO DIGITAL OUT setting on Player Setup Menu from [PCM] to [PRIMARY PASS-THROUGH] or [BITSTREAM]. • Change Audio DRC setting on Player setup menu to [OFF] state.

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Bluetooth® wireless technology is a system which allows radio contact between electronic.

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 (LAS350B)	
Power requirements	Refer to the main label on the unit.
Power consumption	Refer to the main label on the unit.
	Networked standby : 0.5 W (If all network ports are activated.)
Dimensions (W x H x D)	880 mm x 59 mm x 90 mm
Net Weight (Approx.)	1.9 kg
Operating temperature	5 ℃ to 35 ℃
Operating humidity	5 % to 90 %

Input/Output	
OPT. IN	3 V (p-p), Optical jack x 1
PORT. IN	0.5 Vrms (3.5 mm stereo jack) x 1
Available Digital Input Audio Sampling Frequency	32 kHz, 44.1 kHz, 48 kHz, 96 kHz

Amplifier	
Total	120 W
Front	25 W x 2 (6 Ω at 1 kHz)
Subwoofer	70 W (4 Ω at 100 Hz)
THD	10 %

Subwoofer (S35A1-W)	
Type	1 Way 1 Speaker
Impedance	4 Ω
Rated Input Power	70 W
Max. Input Power	140 W
Dimensions (W x H x D)	156 mm x 300 mm x 288 mm
Net Weight (Approx.)	2.9 kg

Bluetooth	
Codec	SBC

- Designs and specifications are subject to change without prior notice.

Maintenance

Handling the unit

When shipping the unit

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

Keeping the exterior surfaces clean

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

Cleaning the unit

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

Life's Good

Technology with the human touch

GUARANTEE

- LG Electronics U.K. Ltd. will provide the following services in order to expedite 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 UK: 0344 847 5454 IE: 01 686 9454

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

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

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