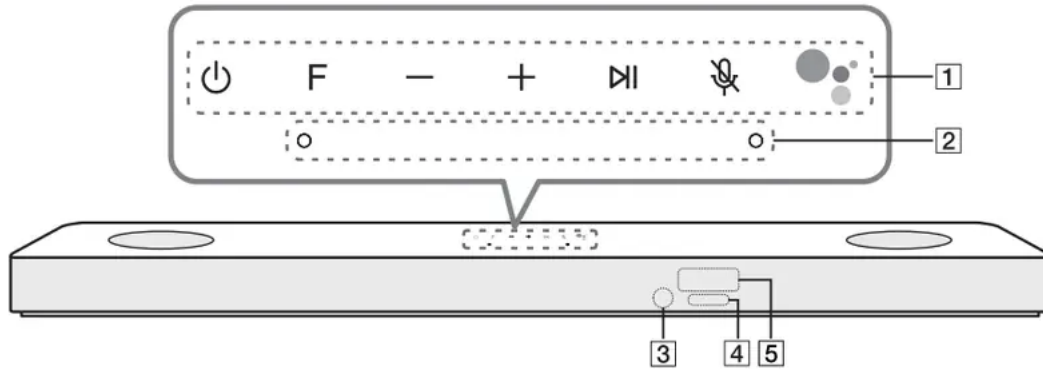


Getting Started

Front panel



1.  (Standby)


- Switches the unit ON or OFF

F (Function)

- Select the function and input source by pressing F repeatedly.

Input source / Function	Display
Wi-Fi	WI-FI
Bluetooth	BT
Optical ARC LG Sound Sync (Wired)	OPT/HDMI ARC
HDMI IN	HDMI
USB	USB


- You can use Bluetooth function after making *Wi-Fi* network connection by using Google Home aPP.


+  (Volume)

- Adjusts volume level.




- Starts playback. / Pauses playback.

 (Mic mute)

- Disables the detect voice recognition by pressing . All the Google Assistant LED turns amber and "The mic is muted" is heard.

To cancel it, press  again. Google Assistant LED turns off and "The mic is back on" is heard.




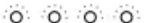
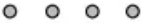
- Enables Google Assistant to receive your voice commands. To cancel it, press  again.

2. Microphone

3. Remote sensor

4. Google Assistant LED

- Changes LED status according to Google Assistant performance.

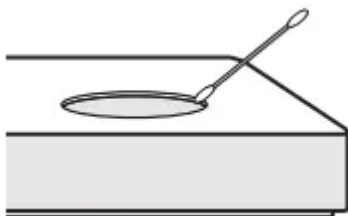
LED	Status	Description
	All four LEDs are on.	Ready to listen to your voice command.
	All four LEDs blink.	Responds to your voice command.
	Microphone is off and the solid amber LED will be on.	Voice recognition is disabled

5. Display Window

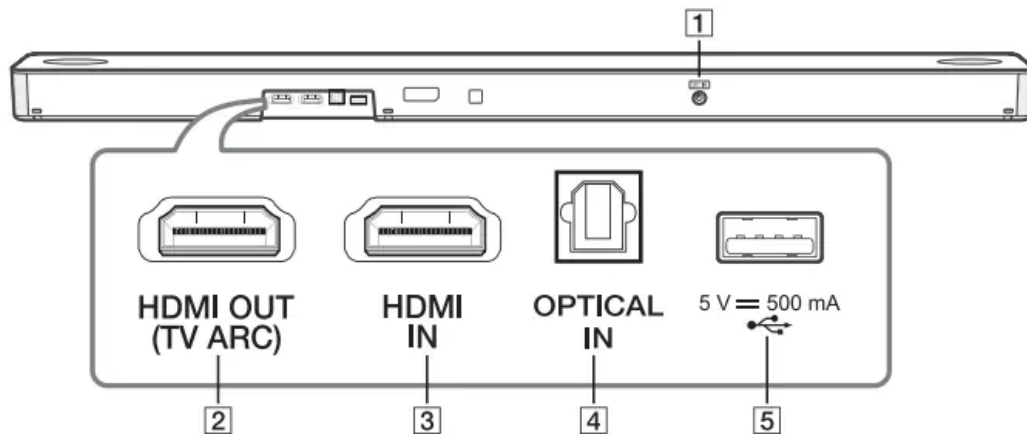
- Display window will be darkened automatically *if* there is no key input *for* 15 seconds. When you press any button, the display window will brighten.

This unit will turn itself *off* to save electric consumption when the main unit is not connected to an external device and is not used *for* 15 minutes.

Remove foreign materials between the grill and the case by using a cotton swab.



Rear panel



1. DC IN

- Connect to the AC adapter.

2. HDMI OUT (TV ARC)

- Connect the HDMI OUT (TV ARC) jack on the back of the unit to ARC jack on the TV.

3. HDMI IN

- Connect HDMI IN jack on the back of the unit to HDMI OUT jack on the external device. You can enjoy the sound and picture from HDMI connection on an external device.

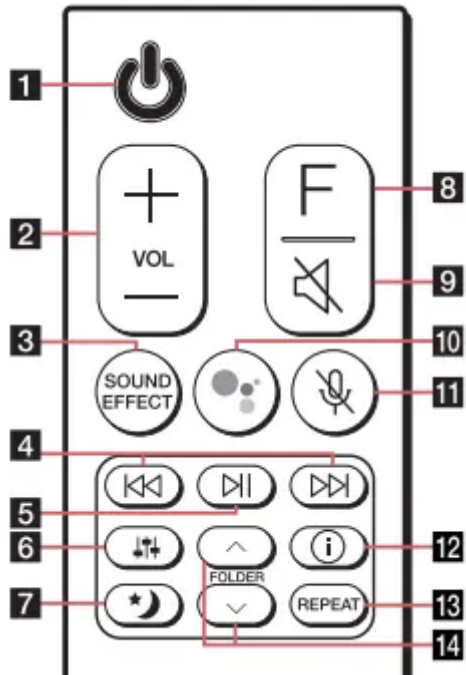
4. OPTICAL IN

- Connect the OPTICAL IN jack on the back of the unit to OPTICAL OUT jack on the TV.

5. USB Port

- Connect USB memory device to the USB port on the back of the unit

Remote control




1. (Standby)

- Switches the unit ON or OFF

- Networked standby: It allows the unit to switch to standby mode.

To turn on Networked standby function, Press .

To turn off Networked standby function, press  for about 3 seconds.

2. VOL (Volume) +/-

- Adjusts speaker volume.


3. SOUND EFFECT

- Selects a sound effect mode by using SOUND EFFECT.

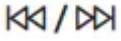
On Display	Description
ASC (Adaptive Sound Control)	Analyzes the property of the input sound and provides the sound optimized for the content in real time.
BASS BLAST or BASS BLAST+	Reinforces the bass and powerful sound.
STANDARD	You can enjoy premium sound with MERIDIAN technology
MOVIE	You can enjoy more immersive and cinematic surround sound.
MUSIC	You can enjoy more good sound for music source.

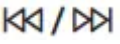
- TV remote: It allows you to control the volume of this unit by your TV remote control even by other company's product.

To turn on or off the TV Remote function, press and hold SOUND EFFECT for about 3 seconds and press it again.

 Supported TV brands

LG	Panasonic	Philips	Samsung	Sharp	Sony	Toshiba	Vizio
----	-----------	---------	---------	-------	------	---------	-------

4.  (Skip)


- Press  to go to next or previous file.

5.  (Play/Pause)

- Starts playback. / Pauses playback.

6.  (Sound tuning)


- Adjusts sound level of each speaker

Select the speaker you want to adjust by using  and adjust the sound level by using VOL + / —.

① Adjusting rear speakers level is applied only when the rear speakers are connected.



Speaker	Display	Range
Sub Woofer	WF	-15 ~ 6
Center	C	-6 ~ 6
Overhead Volume Control	OVC	-6 ~ 6
Rear	R	-6 ~ 6
Treble	TRE	-5 ~ 5
Bass	BAS	-5 ~ 5

- Surround sound: It allows you to enjoy surround sound with *rear* speakers.

To turn on *or off* the surround sound, press and hold  for about 3 seconds and press it again.

7. (Night time)



- It is useful when you want to watch movies at low volume late at night. It makes to reduce the sound intensity and improve fineness and softness.

Press  to activate Night time mode. To cancel it, press  again.

8. **F** (Function)

- Select the function and input source *by* pressing **F** repeatedly.

9. (Mute)


- Press  to mute your unit. To cancel *it*, press  again.

10.

- Enables Google Assistant to receive your voice commands while watching *TV* (not necessary when listening to music through *Wi-Fi* or Bluetooth, you can just say "Hey Google").


To cancel *it*, press  again.

11. (Mic mute)

- Disables the detect voice recognition *by* pressing . All the Google Assistant LED turns amber and "The mic is muted" is heard.


To cancel *it*, press  again. Google Assistant LED turns *off* and "The mic is back on" is heard.

12. (Information)

- You can display various information *of* the input source *by* pressing .

- Wi-Fi: Connected Application name
- BT (Bluetooth): Connected Bluetooth device name
- OPT (Optical)/ARC/HDMI (HDMI IN): Audio format

- USB: File information contained on a USB.
- Auto Power ON/OFF: It allows the unit to turn on and *off* automatically *by* input signals: Optical

To turn on *or off* AUTO POWER function, press and hold  for about 3 seconds and press *it* again.



13. REPEAT

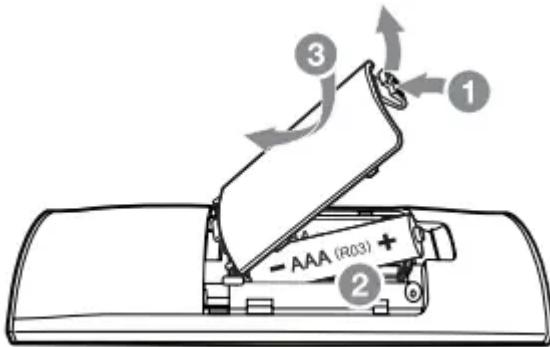
- Press REPEAT to select desired repeat *or* random mode.

14. FOLDER

- Searches a folder on USB device.

Replacement of Battery

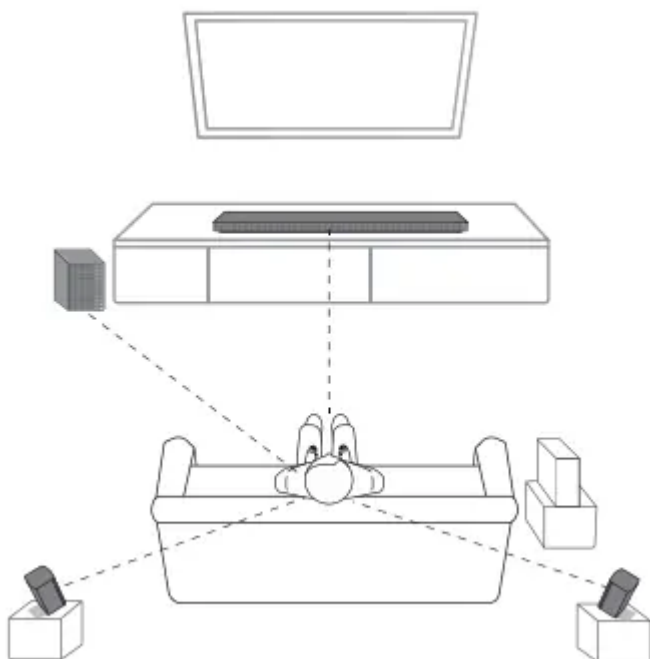
Remove the battery cover on the rear of the remote control, and insert the battery with  and  matched correctly



Installing the sound bar

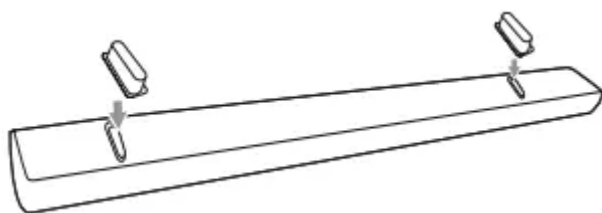
You can hear the sound by connecting the unit to the other device: TV, Blu-ray disc player, DVD player, etc. Place the unit in front of the TV and connect it to the device you want.

You can place the wireless subwoofer anywhere in your room. But it is better to place the subwoofer near the main unit. Turn it slightly toward the center of the room to reduce the wall reflections. For the best surround sound, place the speakers as shown below



Installing the additional foot

You can extend the height of the unit by using additional foot (height: 14 mm (0.55 inches)).



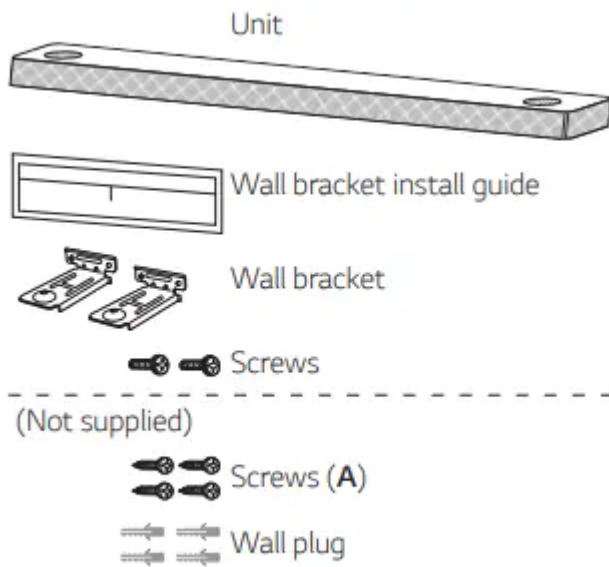
1. Turn the unit upside down.
2. Peel off a sticker attached to the additional foot. Then place it on the existing foot of the unit.
3. Press the additional foot with adequate force to get it firmly fixed.

Mounting the main unit on a wall

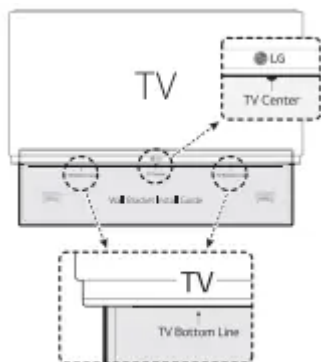
You can mount the main unit on a wall



Preparation materials

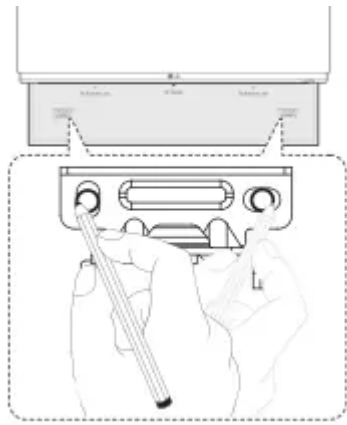


1. Match the TV's BOTTOM EDGE of Wall bracket install guide with the bottom of TV and attach to the position.



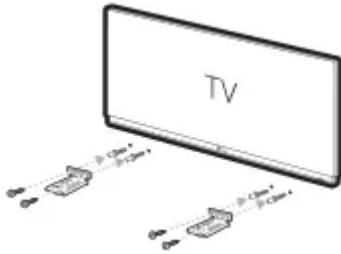
2. When you mount it on a wall (concrete), use the wall plugs. You should drill some holes. A guide sheet (Wall bracket install guide) is supplied to drill. Use the sheet to check the point to drill.



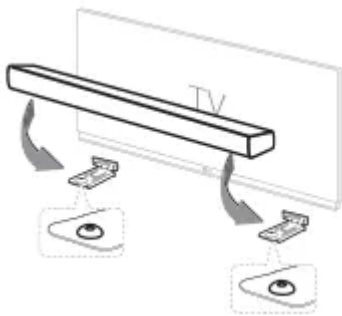


3. Remove the Wall bracket install guide.

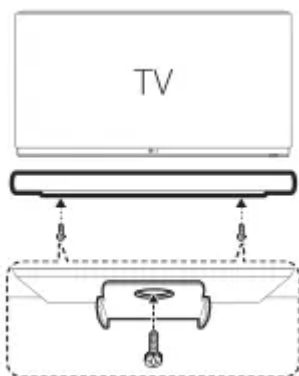
4. Fix the brackets with screws (A) as shown in the illustration below.



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



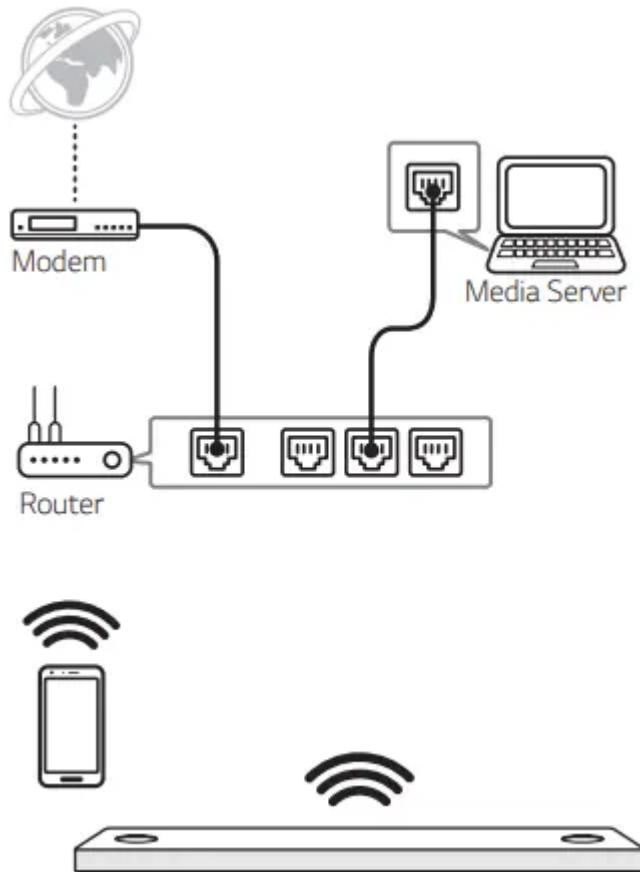
6. Fix the unit with the screws firmly



Connecting

Network connection

You can enjoy various functions of this sound bar by connecting to network and your smart device with “Google Home” app.



The “Google Home” app is required to connect the sound bar wirelessly to the network.

Installing “Google Home” App

The “Google Home” app allows you to use various functions of this speaker through your smart device.

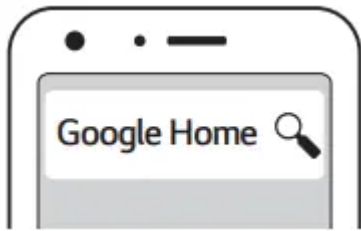
Requirements before setup

- A wireless router must be connected to the internet. A smart device such as Android or iOS devices must be connected to the wireless router via Wi-Fi connection.
- It needs Google account to use this app. During connect Wi-Fi, this app may request to create Google account.

Through “Google Play” or “App Store”

1. Tap the “Google Play Store” icon or “App Store” icon on your smart device.

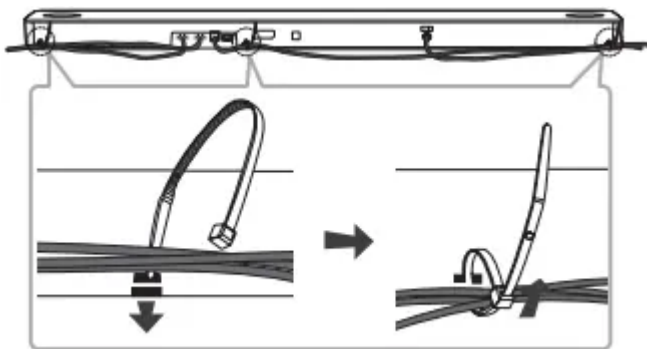
2. Type in “Google Home” in the search bar and tap “Search” on “Google Play” or “App Store”
3. Select “Google Home” in the search result list to download.



Organizing cables

You can organize the cable with cable ties.

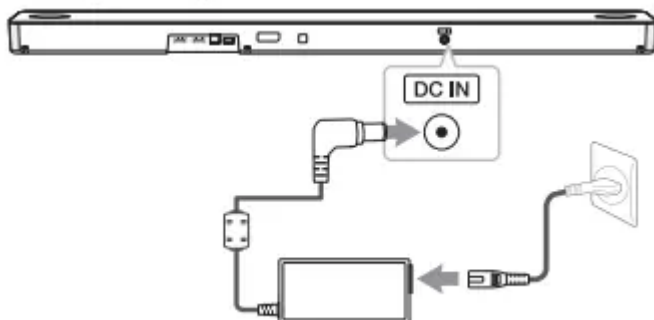
1. Hold the cables together with cable ties as shown below.
2. Tighten cable ties.



Connecting the AC Adapter

Connect the sound bar to the power supply with the supplied AC adapter.

1. Connect the supplied AC power cord to the AC adapter.
2. Connect the AC adapter cable to DC IN adapter input.
3. Plug the AC power cord into an AC outlet



Wireless subwoofer and rear speaker (Sold Separately) connection

Wireless subwoofer connection

LED indicator of wireless subwoofer

LED Color	Status
Green (Blink)	The connection is trying.
Green	The connection is completed.
Red	The wireless subwoofer is in standby mode or the connection is failed.
Off (No display)	The power cord of wireless subwoofer is disconnected.

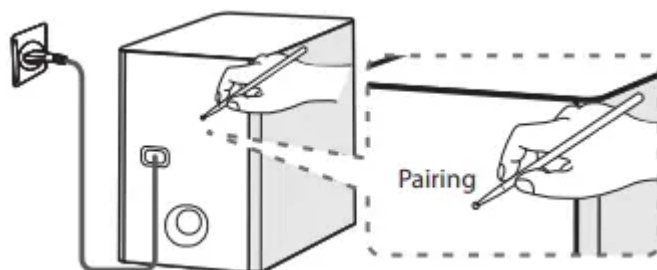
Setting up the wireless subwoofer for the first time

1. Connect the power cord of the sound bar and the wireless subwoofer to the outlet.
2. Turn on the sound bar. The sound bar and the wireless subwoofer will be automatically connected.
 - Pairing is completed. The green LED on the rear of the wireless subwoofer turns on.

Manually pairing wireless subwoofer

When your connection is not completed, you can check red LED on the wireless subwoofer and the wireless subwoofer does not make sound. To solve the problem, follow the steps below.

1. Press Pairing on the rear of the wireless subwoofer

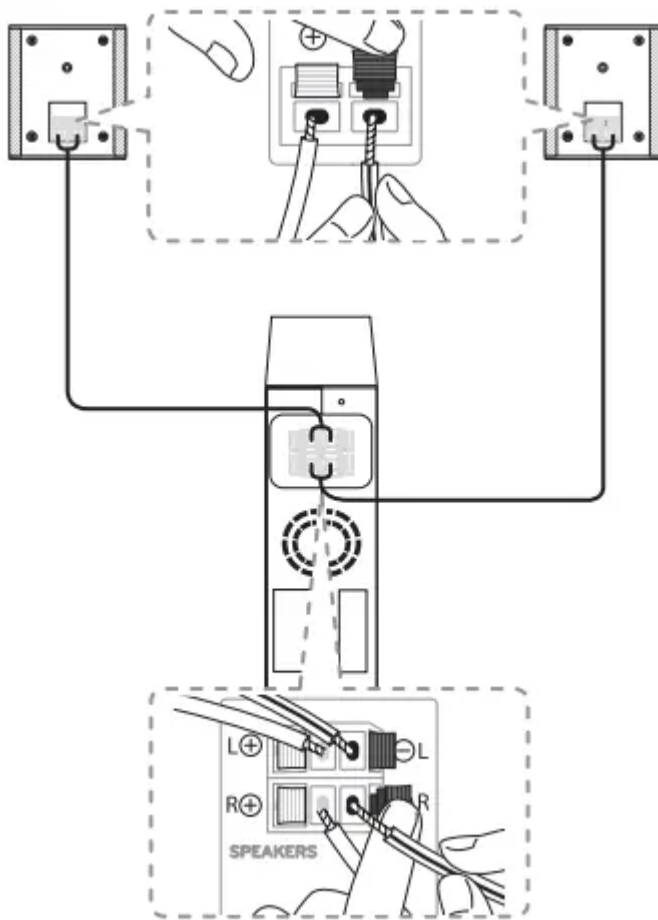


- The green LED on the rear of the wireless subwoofer blinks quickly. (If the green LED does not blink, press and hold the Pairing.)
2. Turn on the sound bar.
 - Pairing is completed. The green LED on the rear of the wireless subwoofer turns on.

Rear speakers connection (Sold Separately)

Connecting the rear speakers

1. Connect the black stripe wire to the terminal marked - (minus) and the other end to the terminal marked + (plus)



2. Connect the wireless receiver and the rear speakers (right, left) with the speaker cables

Color	Position
Grey	Rear right
Blue	Rear left

LED indicator of wireless receiver

LED Color	Status
Yellow - green (Blink)	The connection is trying.
Yellow - green	The connection is completed.
Red	The wireless receiver is in standby mode or the connection is failed.
Off (No display)	The power cord of wireless receiver is disconnected.

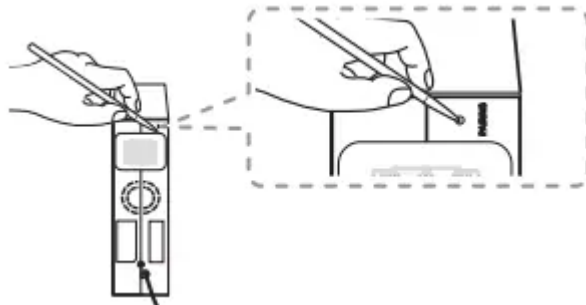
Setting up the wireless receiver for the first time

1. Connect the power cord to the wireless receiver to the outlet.
2. Turn on the main unit: The sound bar and wireless receiver will be automatically connected.
 - Yellow - green LED on the wireless receiver turns on.

Manually pairing wireless receiver

When your connection is not completed, you can see the red LED on the wireless receiver and rear speakers do not make sound. To solve the problem, follow the below steps.

1. Press PAIRING on the rear of the wireless receiver



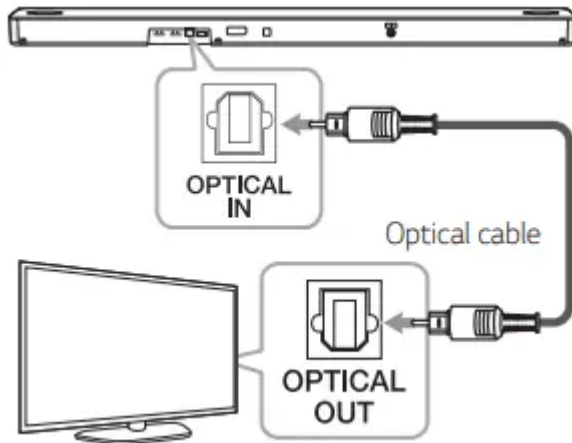
- The yellow - green LED on the wireless receiver blinks quickly.
2. Turn on the main unit
 - Pairing is completed. The yellow - green LED on the wireless receiver turns on.

Connecting to your TV

Please connect with this unit and TV using the optical digital cable or HDMI cable considering the state of the TV.

Using an OPTICAL cable

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



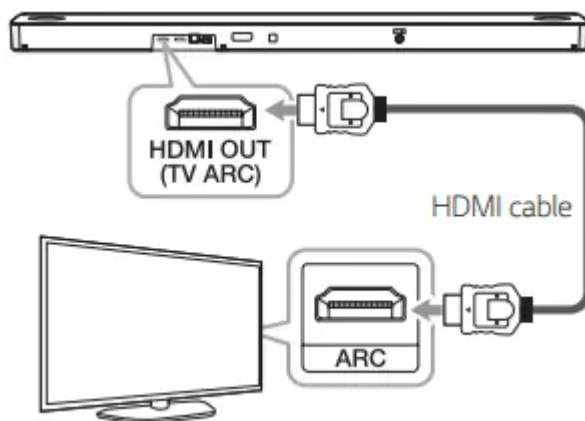
2. Select the input source to OPT/HDMI ARC by pressing F repeatedly.

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

Using an HDMI cable

If you connect this unit to a TV that supports HDMI CEC and ARC (Audio Return Channel), you can enjoy the TV audio through the speakers of this unit without connecting the optical cable.

1. Connect the HDMI OUT (TV ARC) jack on the back of the unit to ARC jack on the TV using an HDMI cable.



2. Select the input source to OPT/HDMI ARC by pressing F repeatedly.

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

Operating

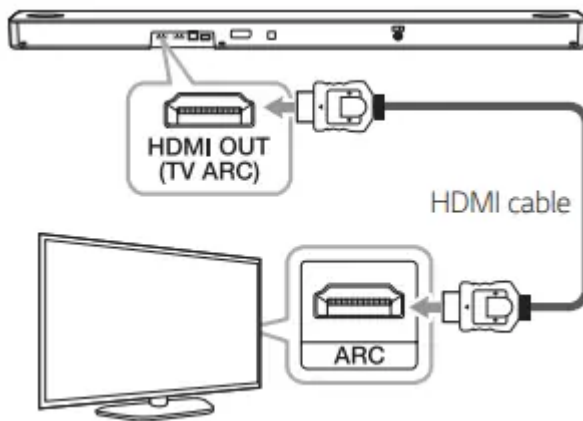
USB operation

1. Connect the USB device to the USB port.

2. Select the USB function by pressing F repeatedly.

To	Do this
Playback	Press ▶ .
Pause	During playback, press ▶ .
Skip to the next/ previous file	During playback, press ▶▶ on the remote control to go to the next file. Playing less than 3 seconds, press ◀◀ on the remote control to go to the previous file. Playing after 3 seconds, press ◀◀ on the remote control to go to the beginning of the file.
Play repeatedly or randomly	Press REPEAT on the remote control repeatedly. Refer to the note for details about the display change.
Search a folder	Press FOLDER ^ / v on the remote control.

Control your TV and Sound Bar with Voice command



1. Connect your Sound Bar to Wi-Fi by using Google Home app.
2. Connect your Sound Bar and TV by using an HDMI cable.
3. Say a voice command. See the following tables.

"LG Wi-Fi Speaker"

The "LG Wi-Fi Speaker" app is provided by LG

Electronics. This app allows you to use various functions of this speaker through your smart device:

Requirements before using

You should connect to Wi-Fi by using "Google Home" app prior using this app. (Page 17)

Enjoying music on your device and home network server

You can listen to the music on your smart device and home network server.

Using Chromecast built-in

You can enjoy music contents through this sound bar with Chromecast enabled apps.

Setting and controlling the sound bar

You can manage the sound bar settings and control the sound bar even without remote control.

Requirements

- A wireless router must be connected to the internet.
- A smart device such as a smartphone or tablet must be connected to the wireless router via Wi-Fi connection.

Using 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: Smart phone, MP3, Notebook, etc.
- Version: 5.0
- Codec: SBC

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

Before you start the pairing procedure, make sure the Bluetooth feature is activated on 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. Turn on the speaker and connect Wi-Fi. Follow "Network connection".
2. Select the Bluetooth function by pressing F repeatedly. "BT" and then "READY" appears in the display window.
3. Operate the Bluetooth device and perform the pairing operation. When searching for this speaker on your Bluetooth device, a list of the devices found may appear in the Bluetooth device display depending on the type of Bluetooth device. Your speaker appears as "Speaker name (App setup)".
4. Select the "Speaker name (App setup)"
5. When this unit is successfully connected with your Bluetooth device, "PAIRED" → your device's name → "BT" appears on the display window
6. Listen to music. To play music in your Bluetooth device, refer to your Bluetooth device's user guide. According to your Bluetooth device's volume level, the volume level of Bluetooth will be adjusted.

Other operations

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 SOUND EFFECT 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 SOUND EFFECT on the remote control.


To turn off this function, press and hold SOUND EFFECT on the remote control and press it once again while "ON - TV REMOTE" is scrolled.

AUTO POWER On/Off

This sound bar automatically turns on and off by an input source: Optical

To turn on this function, press and hold  on the remote control for about 3 seconds and press it once again while "OFF - AUTO POWER" is scrolled.

To check the status of this function, press and hold  on the remote control.

To turn off this function, press and hold  on the remote control for about 3 seconds and press it once again while "ON - AUTO POWER" is scrolled.

Turning on

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

Turning off

When the TV is off, this sound bar switches to the Networked standby mode.

Auto function change

This sound bar recognizes input signals such as Optical, HDMI ARC, Bluetooth, and “LG Wi-Fi Speaker” app and then changes suitable function automatically.

When you turn on your TV or an external device

When you turn on your TV or an external device connected by the one among Optical, LG Sound Sync (Optical), or HDMI ARC, this sound bar will change to a suitable function so you can listen to the sound through it.

When you try to connect a 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 you play music by “LG Wi-Fi Speaker” app

When you play music by “LG Wi-Fi Speaker” app on your smart device, this sound bar changes the function to WI-FI and you can listen to the music through it

Standby mode

The speaker switches to the standby mode if there is no music playback or no button operation.

Standby mode

If you press and hold  for about 3 seconds, the speaker switches to the standby mode. Then “GOODBYE” appears on the display window. And all wireless network ports are deactivated.

Networked standby mode


Option 1.

When music is not played and buttons are not pressed for 15 minutes, the speaker switches to the Networked standby mode. Then “GOOD-BYE” appears on the display window.

Option 2.

If you press 1, the speaker switches to the Networked standby mode. Then “GOOD-BYE” appears on the display window.


Reset the Speaker

If the speaker doesn't respond, reset the speaker. Press and hold the  until you hear the beep sound once. You can see "RESET" on the display window. Then all the stored wireless network information is deleted.

Troubleshooting

General





Symptoms	Cause & Solution
The unit does not work properly.	<ul style="list-style-type: none"> • Turn off the power of this unit and the connected external device (TV, Woofer, DVD-player, Amplifier, etc.) and turn them 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
The power does not turn on	<p>Is the power cord plugged into the outlet?</p> <ul style="list-style-type: none"> • Connect the power plug to the outlet.
Sound is not produced	<p>Is the volume set to minimum?</p> <ul style="list-style-type: none"> • Adjust the volume. • When you are using connection with a external device (set top box, Bluetooth device etc.), adjust volume level of the device. <p>Is the mute function activated?</p> <ul style="list-style-type: none"> • Press  or adjust the volume level to cancel the mute function. <p>Is the function selected properly?</p> <ul style="list-style-type: none"> • Check the input source and select the correct input source.
No woofer sound	<p>Is the subwoofer plugged in?</p> <ul style="list-style-type: none"> • Plug the power cord of subwoofer into the wall outlet securely. <p>Is pairing between the unit and the subwoofer disconnected?</p> <ul style="list-style-type: none"> • Connect the unit and the subwoofer
The remote control does not work properly.	<p>Is the remote control too far from the unit?</p> <ul style="list-style-type: none"> • Operate the remote control within about 7 m (23 ft).



Symptoms	Cause & Solution
	<p>Is there an obstacle in the path of the remote control and the unit?</p> <ul style="list-style-type: none"> • Remove the obstacle. <p>Are the batteries in the remote control exhausted?</p> <ul style="list-style-type: none"> • Replace the batteries with new one.
<p>The AUTO POWER function does not work.</p>	<ul style="list-style-type: none"> • Check connection of the external device such as TV, DVD/Blu-Ray player. • Check the state of SIMPLINK on your LG TV and turn off SIMPLINK. • Depending on the connected device, this function may not operate.
<p>LG Sound Sync does not work.</p>	<ul style="list-style-type: none"> • Check whether your LG TV supports LG Sound Sync (Wired). • Check connection of LG Sound Sync (Wired). • Check sound setting of your TV and this unit
<p>When you feel the output sound of the unit is low</p>	<p>Check the details below and adjust the unit according to them.</p> <ul style="list-style-type: none"> • Switch the state of DRC function to [OFF] by using “LG Wi-Fi Speaker”. • 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 connected device setup menu to [OFF] state. • Make sure that Night Time mode is not On. Turn off Night Time mode.
<p>USB is not recognized</p>	



Symptoms	Cause & Solution
	<ul style="list-style-type: none"> • Format the USB device and connect it again. When formatting the USB device, select file system as FAT16 or FAT32
Bluetooth pairing does not work well.	<ul style="list-style-type: none"> • Be sure your Bluetooth device is on. • Switch Bluetooth off and on again on your Bluetooth device, then try pairing again. • Remove the obstacle in the path of the Bluetooth device and the unit. • Depending on the type of the Bluetooth device or surrounding environment, your device may not be paired with the unit.
The unit does not connect with Bluetooth device.	Make sure the speaker connects to Wi-Fi by using “Google Home” app
Voice recognition does not work well.	<ul style="list-style-type: none"> • The speaker may not be recognized because of the surrounding noise. • Instead of “Hey Google”, press . • Check and make sure the microphone is muted. Press  button.

Network

Symptoms	Cause & Solution
Cannot connect the speaker to your home network.	<ul style="list-style-type: none"> • The wireless communication may be interrupted from household devices that are using radio frequencies. Move the speaker away from them. • Check your router. Try turning it off and back on. • Check that the Wi-Fi feature is turned on in your smart device. • Check that the speaker and your smart device are connected to same Wi-Fi.
Wi-Fi connection does not work well	<p>If you restart the router?</p> <ul style="list-style-type: none"> • You need to turn the speaker's power off and on again. <p>If you install new router.</p> <ul style="list-style-type: none"> • You need to perform a factory set and setup the network connection for speaker

Application

Symptoms	Cause & Solution
The application doesn't work properly.	<p>Does an error occur when accessing the app?</p> <ul style="list-style-type: none"> • Make sure that your smart device is compatible with the app. • Make sure that the application is the latest version. • Make sure that the connected unit turns on.

NOTES to use wireless

Symptoms	Cause & Solution
This device may have wireless interference	<ul style="list-style-type: none"> • Wireless may not operate normally in weak signal area. • Please install the device close enough to wireless subwoofer. • Do not install the device on metal furniture for optimum performance.
Bluetooth device may malfunction or make noise in the following cases	<ul style="list-style-type: none"> • When any part of your body contact the transceiver of the Bluetooth device or sound bar. • When there is an obstacle or wall or the device is installed in a secluded spot. • When there is a device (a wireless LAN, a medical equipment or a microwave) using same frequency, make the distance between the products as far away as possible each other. • When connecting the device to the Bluetooth device, make the distance between the products as close as possible each other. • When the device gets too far from the Bluetooth device, the connection is disconnected and also malfunction may occur

NOTES to release Demo mode

Symptoms	Cause & Solution
Can not change input source with F such as BT (Bluetooth), HDMI etc. and only [DEMO] indication is showing in the front display	Unplug the power cord and plug it in again. If that doesn't work, press and hold F (About 5 seconds) on the main unit until the display indicates current selected function.
Remote Control does not work. (No response)	

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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