OWNER'S MANUAL

WIRELESS SOUND BAR

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

Model

SPD7R (SPD7R, SPP5C-W), SPK8C-S (SPK8C-S, S78S1-S)

2310_Rev02

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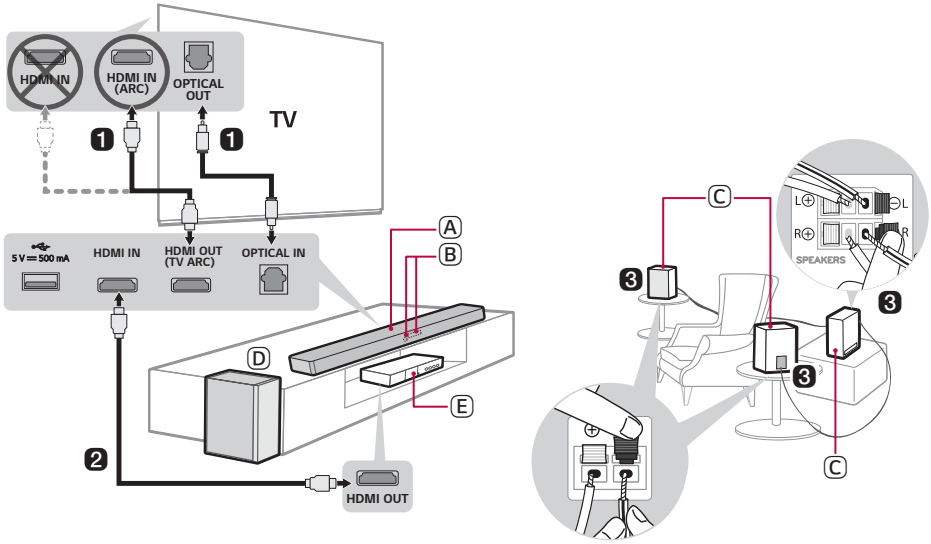
Sound Bar Quick Guide

Installing and using the Product

❶ Connect the sound bar to your TV via an optical cable or an HDMI cable.



Ⓐ Sound bar

Ⓑ Remote Control Receiver / Status Display

Ⓒ Rear Speakers / Wireless Receiver

Ⓓ Wireless Subwoofer - Install it close to the sound bar.

Ⓔ External Device - (Blu-ray player, game console, etc.)

❷ If you are using an external device (ex. Blu-ray player, game console, etc.), connect it to the sound bar via an HDMI cable.

❸ Connect to power in the following order: wireless subwoofer → wireless receiver → sound bar. Then, turn on the sound bar. When the connection is automatically established with the sound bar, the LEDs on the wireless subwoofer and the wireless receiver will light up in green. (→ See "Connecting the Product" on page 6.)

❹ Using the product with your TV (→ See "Connecting to the TV" on page 32.)

① Press the **Function** button repeatedly until "**OPT/HDMI ARC**" appears on the status display.

② On your TV's settings, set the output speaker to [HDMI ARC], [Optical], or [External Speaker].

③ When the TV is properly connected to the product, "**OPT**" or "**ARC**" appears on the status display with a sound.

❺ Connecting the product to your smartphone via Bluetooth (→ See "Connecting via Bluetooth" on page 40.)

① Tap the **Settings** button on your smartphone and select **Bluetooth**. Turn on the **Bluetooth** function. (**Off** > **On**)

② Press the **Bluetooth pair** button. After a moment, you will see "**BT READY**" on the status display.

③ Find and tap the product on your smartphone. The product appears as "LG SPD7R (XX)".

④ When the product is connected to your smartphone via **Bluetooth**, you can see the status display change from "**PAIRED**" → "**Connected Bluetooth device name**" → "**BT**".

❻ Connecting to the LG Sound Bar app (→ See "Connecting with a Smartphone via LG Sound Bar app" on page 43.)

① Find and install the **LG Sound Bar app** on Google Play or App Store from your smartphone.

② You can get more information regarding its use by selecting [Help] in [Setting].

Manually connecting the sound bar to the wireless subwoofer or wireless receiver (→ See "Connecting the wireless subwoofer manually", "Manual connection" on page 8, 10.)

If you see a red LED on the back of the wireless subwoofer or on the front of the wireless receiver, it means that the sound bar is not connected to the speakers. If this is the case, connect them in the following order.

1. Press the **Power** button on the sound bar to turn it off.
2. Press the **PAIRING** (**Pairing**) button on the back of the disconnected wireless subwoofer or wireless receiver. Check if each LED blinks green.
   - If you still see a red LED on the back of the wireless subwoofer, press and hold the button on the back of the subwoofer again.
3. Press the **Power** button on the sound bar to turn it on.
4. When the connection is established, you will see a green LED light on the back of the wireless subwoofer or on the front of the wireless receiver light up in green.

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Installation

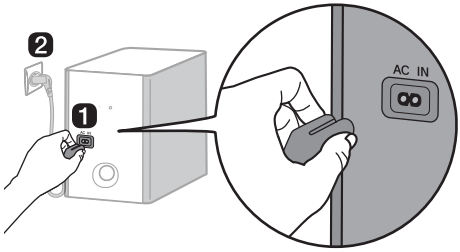
Connecting the Product

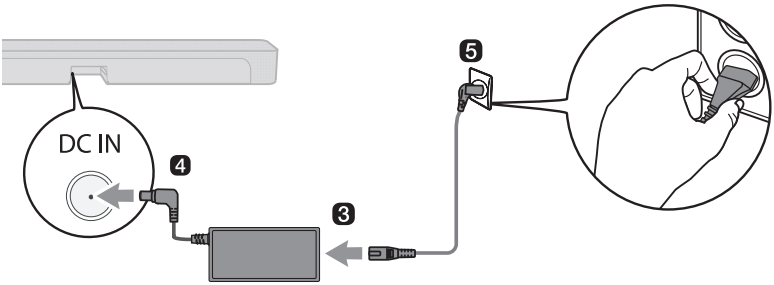
You can enjoy a richer sound by connecting the sound bar to the wireless subwoofer.

Connecting the wireless subwoofer automatically

After completing installation, the wireless subwoofer will automatically be connected to the sound bar. Connect the sound bar to the subwoofer in the following order.

1. Plug the power cable into the wireless subwoofer.
2. Plug the power cable connected to the wireless subwoofer into an outlet.
3. Plug the power cable into the AC adapter.
4. Connect the AC adapter cable to the **DC IN** (AC adapter input) terminal on the back of the product.
5. Plug the power cable connected to the AC adapter into an outlet.





6. When the connection is automatically established, you will see the LED on the back of the wireless subwoofer light up in green.

Note

- Make sure to use the provided AC adapter. Using other AC adapters may lead to malfunction and will forfeit the product warranty.

Checking the connection with the LED on the back of the wireless subwoofer

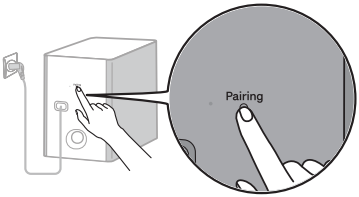
You can check the connection status by looking at the LED on the back of the wireless subwoofer.

LED Color	Status
Blinking green	Connecting in progress
Green	Connected successfully
Red	Bad connection, or the subwoofer is in standby
Off	Power cable not connected

Connecting the wireless subwoofer manually

If you see a red LED on the back of the wireless subwoofer, it means that the sound bar is not connected to the subwoofer. If this is the case, connect them in the following order.

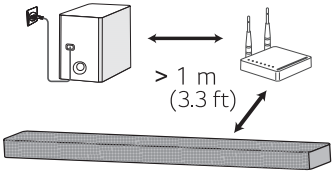
1. Press the **Power** button on the sound bar to turn it off.
2. Press the **Pairing** button on the back of the wireless subwoofer. Check if the LED on the back of the subwoofer is blinking green. If you still see a red LED on the wireless subwoofer, press and hold the button on the back of the subwoofer again.



3. Press the **Power** button on the sound bar to turn it on.
4. When the connection is established, you will see the LED light on the back of the wireless subwoofer light up in green.

Note

- Install the sound bar as close to the wireless subwoofer as possible. The closer the distance between the sound bar and the wireless subwoofer, the better the sound quality.
- Please ensure there are no obstacles between the sound bar and the wireless subwoofer.
- To prevent wireless interference, maintain a distance of at least 1 m (3.3 ft) between the sound bar or the wireless subwoofer and any peripheral devices that generate strong electromagnetic waves (ex. wireless routers, microwave ovens, etc.).



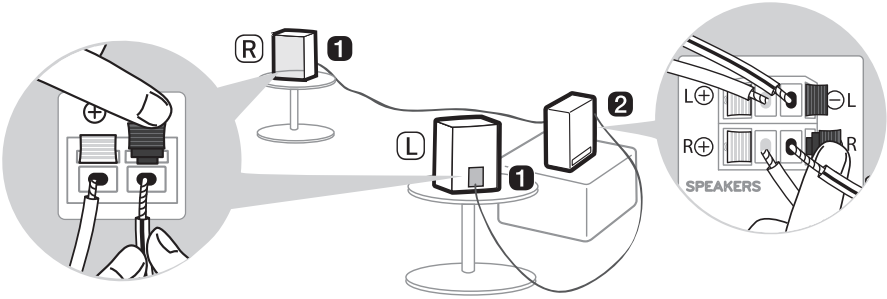
Connecting the rear speakers to the wireless receiver

Automatic connection

After completing installation, the wireless receiver will automatically be connected to the sound bar. Connect the sound bar to the wireless receiver in the following order.

1. Connect the speaker cables to the corresponding terminals on the rear speakers (left, right).
   Connect the black striped cable to the negative terminal and the other cable to the positive terminal.
2. Connect the speaker cables on the rear speakers (left, right) to the wireless receiver.

Receiver Terminal Color	Speaker Position
Blue	Ⓛ Left rear
Gray	Ⓡ Right rear



3. Plug the wireless receiver power cable into an outlet.
4. Press the **Power** button on the sound bar to turn it on.
5. When the connection is automatically established, you will see the LED on the front of the wireless receiver light up in green.

Note

- Please only use the speakers provided with the product. Using other speakers may cause malfunction.
- Connect the speaker cables to the corresponding terminals. Connect to the positive cable to the positive terminal and the negative cable to the negative terminal. An incorrectly connected cable will distort the sound or produce no bass.

Checking connection status with the LED color

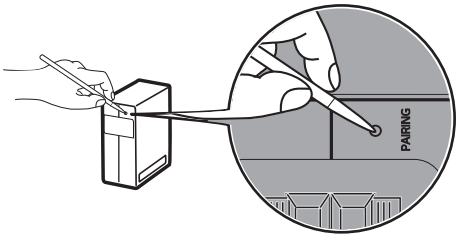
You can check the connection status with the LED on the front of the wireless receiver.

LED Color	Status
Blinking green	Connecting In progress
Green	Connected successfully
Red	Bad connection, or the receiver is in standby
Off	Power cable not connected

Manual connection

If you see a red LED on the front of the wireless receiver, it means that the sound bar is not connected to the receiver. If this is the case, connect them in the following order.

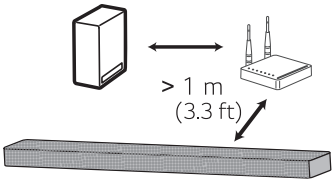
1. Press the **Power** button on the sound bar to turn it off.
2. Press the **PAIRING** button on the back of the wireless receiver. Check if the LED on the front of the wireless receiver is blinking green.



3. Press the **Power** button on the sound bar to turn it on.
4. When the connection is established, you will see the LED light on the front of the wireless receiver light up in green.

Note

- Keep the rear speakers at least 30 cm (11.8 inch) away from the TV or monitor.
- To prevent wireless interference, maintain a distance of at least 1 m (3.3 ft) between the sound bar or the wireless receiver and any peripheral devices that generate strong electromagnetic waves (ex. wireless routers, microwave ovens, etc.).



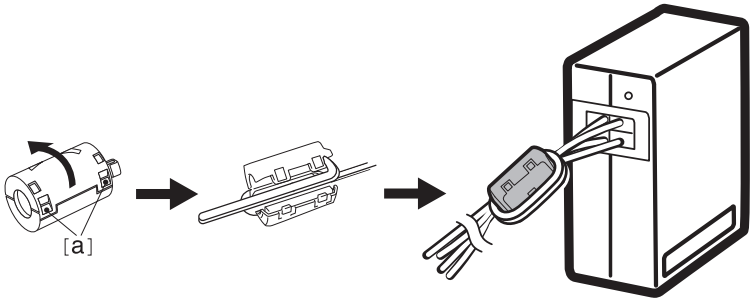
Attaching the ferrite core (optional)

A ferrite core may not be provided depending on national standards.

Attaching the ferrite core to the speaker cables

Attach the ferrite core to the cables to reduce radio noise.

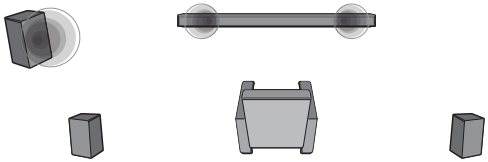
1. Pull Part [a] to open the ferrite core.
2. Wind the wireless receiver's speaker cables twice around the ferrite core.
3. Close the ferrite core until you hear a click.



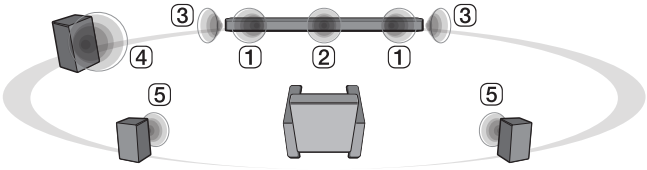
Enjoying enhanced sound

The surround sound function and the Multi-channel Experience allow you to hear immersive 3D sound produced by multiple audio channels from the speakers, regardless of the channels in the originally recorded content.

For example, if you listen to music recorded in 2.0 channels with standard sound effects while the wireless rear speakers are connected, you can hear the following difference.



When the surround sound is off



When the surround sound is on

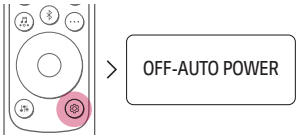
Note

- Speaker positions are as follows.

1	Front speakers
2	Center speaker
3	Side speakers
4	Subwoofer
5	Rear speakers

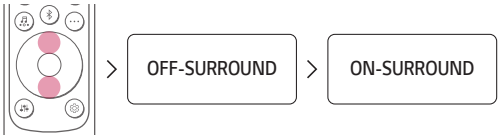
Setting up surround sound

1 Press **Settings** button. The product enters the setting mode and you can see "**OFF-AUTO POWER**" or "**ON-AUTO POWER**".



2 While the "**OFF-AUTO POWER**" or "**ON-AUTO POWER**" is scrolling in the status display, press **Left/ Right** button to select the surround sound setting. You can see the status of the surround sound, "**OFF-SURROUND**" or "**ON-SURROUND**".

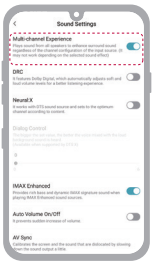
3 While the "**OFF-SURROUND**" or "**ON-SURROUND**" is scrolling in the status display, press **Up/Down** button to turn on or off the surround sound.



Using Multi-channel Experience

Plays sound from all speakers to enhance surround sound regardless of the channel configuration of the input source.

You can control this function on the **LG Sound Bar app**.



Note

- It may not work depending on the selected sound effect.

Surround sound function ON

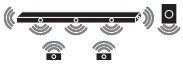
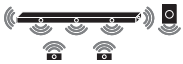
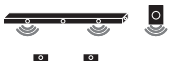
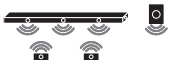
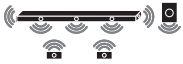
When the surround sound function is turned on, sound is output from all connected speakers regardless of whether the Multi-channel Experience is turned on or off.

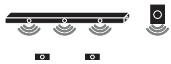
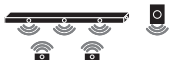
Sound Effects	Input	Output	
		Rear speakers not connected	Rear speakers connected
All Sound Effects	2.0 channels		
	5.1 channels or more		

Surround sound function OFF

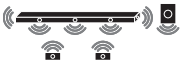
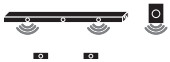
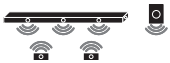
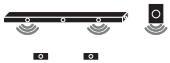
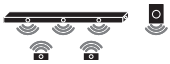
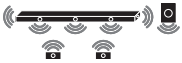
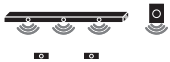
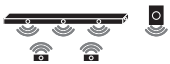
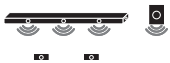
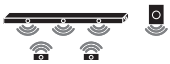
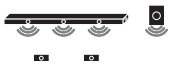
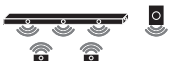
When the surround sound function is turned off, sound is output differently from the connected speakers depending on whether the Multi-channel Experience is turned on or off.

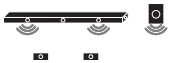
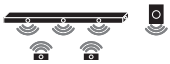
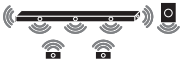
Multi-channel Experience ON

Sound Effects	Input	Output	
		Rear speakers not connected	Rear speakers connected
BASS BLAST (BASS BLAST+) Sound with reinforced bass	2.0 channels		
	5.1 channels or more		
AI SOUND PRO Sound customized with artificial intelligence	2.0 channels		
	5.1 channels or more		
STANDARD You can enjoy optimized sound.	2.0 channels		
	5.1 channels or more		
CINEMA Cinematic 3D sound	2.0 channels		
	5.1 channels or more		
CLEAR VOICE PRO Voice sound clear, improving the quality of voice sound	2.0 channels		
	5.1 channels or more		
SPORTS Realistic sound like in a stadium	2.0 channels		
	5.1 channels or more		

Sound Effects	Input	Output	
		Rear speakers not connected	Rear speakers connected
MUSIC Sound enriched with MERIDIAN technology.	2.0 channels		
	5.1 channels or more		
GAME Optimized sound for game	2.0 channels		
	5.1 channels or more		
DTS VIRTUAL : X Sound with immersive and cinematic surround	2.0 channels		
	5.1 channels or more		

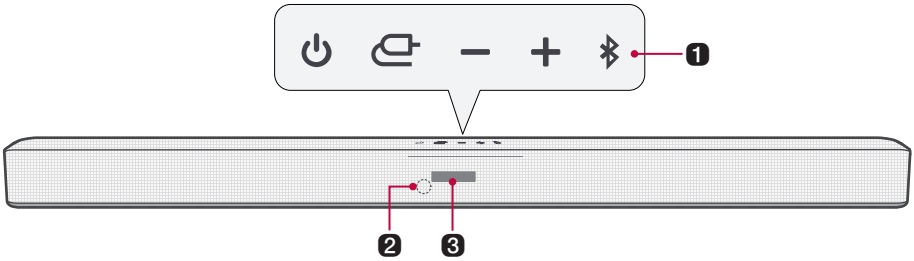
Multi-channel Experience OFF

Sound Effects	Input	Output	
		Rear speakers not connected	Rear speakers connected
BASS BLAST (BASS BLAST+) Sound with reinforced bass	2.0 channels		
	5.1 channels or more		
AI SOUND PRO Sound customized with artificial intelligence	2.0 channels		
	5.1 channels or more		
STANDARD You can enjoy optimized sound.	2.0 channels		
	5.1 channels or more		
CINEMA Cinematic 3D sound	2.0 channels		
	5.1 channels or more		
CLEAR VOICE PRO Voice sound clear, improving the quality of voice sound	2.0 channels		
	5.1 channels or more		
SPORTS Realistic sound like in a stadium	2.0 channels		
	5.1 channels or more		
MUSIC Sound enriched with MERIDIAN technology.	2.0 channels		
	5.1 channels or more		

Sound Effects	Input	Output	
		Rear speakers not connected	Rear speakers connected
GAME Optimized sound for game	2.0 channels		
	5.1 channels or more		
DTS VIRTUAL : X Sound with immersive and cinematic surround	2.0 channels		
	5.1 channels or more		

Exploring the Product

Front



1	**Power**	This turns the product on/off.
	Function	Press the button repeatedly to select the desired function or input mode.

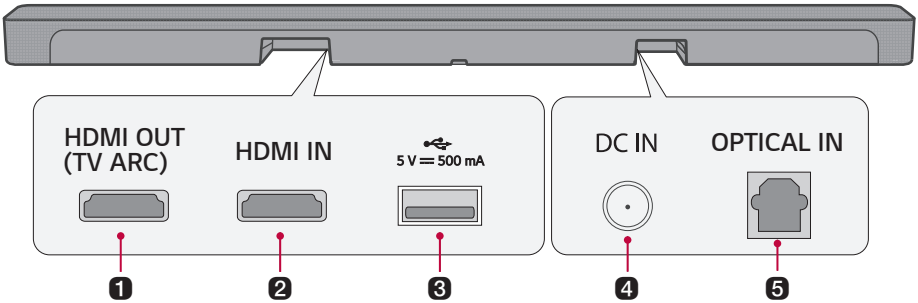
Status Display	Description
OPT/HDMI ARC	Connects the product to a TV that supports an optical cable, ARC or LG Sound Sync.
BT	Connects the product via **Bluetooth**
LG TV	Connects the product to a TV that supports LG Sound Sync (Wireless)
HDMI	Connects the product to an HDMI input port
USB	Connects the product to a USB storage device

	Volume	Adjusts the sound volume.
	Bluetooth pair	It allows you to pair your **Bluetooth** device such as a smartphone to this product for three minutes. (→ See "Connecting via Bluetooth" on page 40.) It allows you to pair your LG TV to this product for three minutes. (→ See "Connecting with LG Sound Sync (Wireless)" on page 34.)
2	**Remote Control Receiver**	This receives wireless signals from the remote control.
3	**Status display**	Options such as input mode and volume are displayed in text. • The status display can be controlled as auto, on, and off. (→ See "Using Display" on page 29.)

Note

- To reduce power consumption, the product will automatically turn off after 15 minutes of no input signal from an external device.

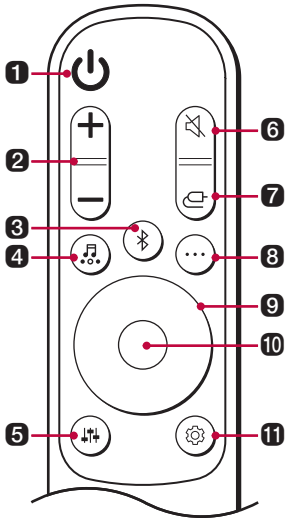
Back



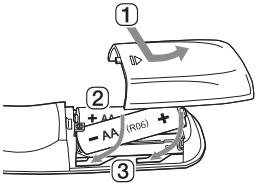
1	**HDMI OUT (TV ARC)**	Plug in an HDMI cable to connect the TV to the product.
2	**HDMI IN**	Plug in an HDMI cable to connect an external device to the product.
3	**USB port**	Plug in a USB storage device to play music with the product.
4	**DC IN**	Plug in the AC adapter with the product.
5	**OPTICAL IN**	Plug in an optical cable to connect the TV to the product.

Exploring Remote Control

You can use the remote to control all functions of the product, from turning the power on/off to enabling cinematic sound.



Replacement of Battery



Use AA 1.5V batteries. Replace the two batteries by inserting them into the remote control in accordance with the directions indicated.

1. Open the battery cover on the back of the remote control.
2. Insert the batteries with the + and – ends corresponding to the markings.
3. Close the battery cover.

Risk of fire or explosion if the battery is replaced by an incorrect type.

1	**Power**	Turns the product on/off
2	**Volume**	Adjusts the sound volume
3	**Bluetooth pair**	It allows you to pair your **Bluetooth** device such as a smartphone to this product for three minutes. (→ See "Connecting via Bluetooth" on page 40.) It allows you to pair your LG TV to this product for three minutes. (→ See "Connecting with LG Sound Sync (Wireless)" on page 34.)

4 Sound Effects

Press the button to select the desired sound field.

Status Display	Description
BASS BLAST (BASS BLAST+)	Bass sounds are enhanced.
AI SOUND PRO	Artificial intelligence selects the optimal sound settings to suit your content.
STANDARD	You can enjoy optimized sound.
CINEMA	Play content with 3D sound similar to a movie theater.
CLEAR VOICE PRO	Voice sound clear, improving the quality of voice sound
SPORTS	Realistic sound like in a stadium
MUSIC	Experience premium sound technology from MERIDIAN.
GAME	Optimized sound for game
DTS VIRTUAL : X	Sound with immersive and cinematic surround.

5 Sound Tuning

This adjusts the sound level of the connected speaker. Press the **Sound Tuning** button and then **Left/Right** button to select the desired speaker before you press the **Up/Down** button to increase/decrease the sound volume.

Status Display	Connected Speaker	Adjustable Range
WF	Subwoofer	-15 - 6
C	Center speaker	-6 - 6
S	Side speaker	-6 - 6
R	Rear Speaker	-6 - 6
TRE	Front speaker (treble)	-5 - 5
BAS	Front speaker (bass)	-5 - 5

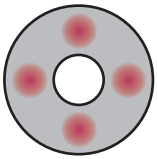
- Adjusting rear speakers level is applied only when the rear speakers are connected.

❻ **Mute**	This turns off the sound from the product.
❼ **Function**	Press the button repeatedly to select the desired input mode or function.
❽ **Information**	View the connected input source or **Bluetooth** information.

Input Mode/Function	Shown on Status Display
BT	Connected **Bluetooth** device name
OPT/ARC/HDMI	Current sound source
USB	Current sound filename

❾ **Up/Down/Left/Right**

These buttons are used to adjust the settings of the convenient functions.



Up/Down: This scrolls through the folders on the USB storage device. You can press the button to select the desired folder.

Left/Right: If you play a previous song, press Left button. If you play a next song, press Right button.

❿ **Play/Pause**

If you play or pause a song, press this button.

- When listening to music on a USB storage device, you can select the play mode by pressing the button for 3 seconds or longer, then press **Up/Down** to select the desired Repeat option.

Status Display	Description
OFF	Plays the files in order, then ends playback
ONE	Plays the current file repeatedly
FOLDER	Only plays the files in the folder on a loop
ALL	Plays all files on a loop
SHUFFLE	Plays a random file until all files are played, then ends playback

⓫ **Settings** ⚙	It allows you to adjust the settings of this product: AUTO POWER, SURROUND, NIGHT TIME, TV REMOTE, DISPLAY. Press **Settings** ⚙ button and select the setting by using **Left/Right** button before you press the **Up/Down** button to turn on/off the setting. • AUTO POWER: When the TV or an external device is turned on or off, the product will also turn on or off automatically. It is available only when the product is connected to the TV with an optical cable. (→ See "Using Auto Power" on page 27.) • SURROUND: The surround sound function allows you to hear immersive 3D sound produced by multiple audio channels from the speakers, regardless of the channels in the originally recorded content. (→ See "Setting up surround sound" on page 13.) • NIGHT TIME: This reduces the general sound volume, but raises the volume of soft and delicate sounds. This is useful when enjoying music or a movie late at night. (→ See "Using Night Time" on page 28.) • TV REMOTE: This convenient function allows you to adjust the volume of the product with your TV's remote control. (→ See "Controlling the product with your TV's remote control" on page 26.) • DISPLAY: The status display can be controlled as auto, on, and off. (→ See "Using Display" on page 29.)

Controlling the product with your TV's remote control

The product volume can be adjusted with LG TV Remote control as well as other brands.

Functions controllable with a TV remote control

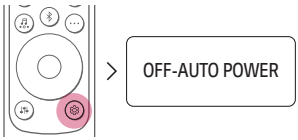
Volume, mute on/off

TV brands supported

LG, Panasonic, Philips, Samsung, Sharp Electronics, Sony, Toshiba, Vizio

Activating/Deactivating this function

1 Press **Settings** button. The product enters the setting mode and you can see "**OFF-AUTO POWER**" or "**ON-AUTO POWER**".



2 While the "**OFF-AUTO POWER**" or "**ON-AUTO POWER**" is scrolling in the status display, press **Left/Right** button to select the TV remote setting. You can see the status of the TV remote, "**ON-TV REMOTE**" or "**OFF-TV REMOTE**".

3 While the "**ON-TV REMOTE**" or "**OFF-TV REMOTE**" is scrolling in the status display, press **Up/Down** button to turn on or off the TV remote.

Note

- Press the **Settings** button on the TV remote control to check if the TV's audio output is set to [External Speaker].
- You cannot control the product with the LG TV's Magic Remote Control.
- When the SIMPLINK or Sound Sync functions of the TV are turned on, this function may not work properly. Press the **Settings** button on the TV remote control to turn off this function.
- This function may not work well when the unit and the TV are connected with an HDMI cable.

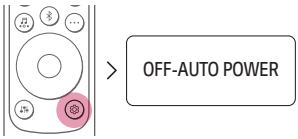
Using Auto Power

This function automatically turns the product on or off when the TV or external device is turned on or off.

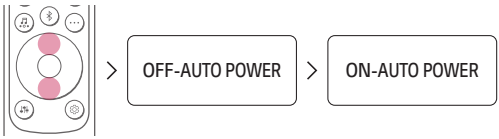
When the connected device is turned on, the product turns on automatically and selects a function according to the input signal.

Activating/Deactivating the Auto Power function

1. Press **Settings** button. The product enters the setting mode and you can see "**OFF-AUTO POWER**" or "**ON-AUTO POWER**".



2. While the "**OFF-AUTO POWER**" or "**ON-AUTO POWER**" is scrolling in the status display, press **Up/Down** button to turn on or off the Auto Power function.

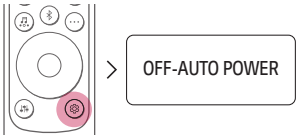


Using Night Time

This reduces the general sound volume, but raises the volume of soft and delicate sounds. This is useful when enjoying music or a movie late at night.

Activating/Deactivating the Night Time function

1 Press **Settings** button. The product enters the setting mode and you can see "**OFF-AUTO POWER**" or "**ON-AUTO POWER**".



2 While the "**OFF-AUTO POWER**" or "**ON-AUTO POWER**" is scrolling in the status display, press **Left/Right** button to select the Night time setting. You can see the status of the Night time, "**ON-NIGHT TIME**" or "**OFF-NIGHT TIME**".

3 While the "**ON-NIGHT TIME**" or "**OFF-NIGHT TIME**" is scrolling in the status display, press **Up/Down** button to turn on or off the Night time.

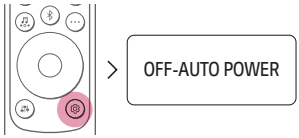
Using Display

The status display can be controlled as auto, on, and off.

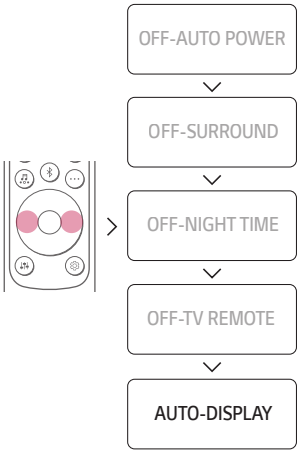
Option	Status display
AUTO	Dimmed after 20 seconds of button input.
ON	Always on
OFF	Turned off after 20 seconds of button input.

Activating/Deactivating the Display function

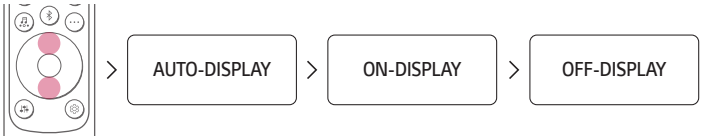
1 Press **Settings** button. The product enters the setting mode and you can see "**OFF-AUTO POWER**" or "**ON-AUTO POWER**".



2 While the "**OFF-AUTO POWER**" or "**ON-AUTO POWER**" is scrolling in the status display, press **Left/Right** button to select the Display setting. You can see the status of the Display, "**AUTO-DISPLAY**", "**ON-DISPLAY**" or "**OFF-DISPLAY**".



❸ While the "**AUTO-DISPLAY**", "**ON-DISPLAY**" or "**OFF-DISPLAY** " is scrolling in the status display, Press **Up/ Down** button to change the Display to "AUTO" or turn it on or off.



Using Quick start

This reduces booting time by staying standby mode using low power consumption.

Activating/Deactivating the Quick start function

Press and hold ⏻ button on the product for 3 seconds when the product is turn on. Then you can see "**ON-QUICK START**".

To turn off this function, Press and hold ⏻ button on the product for 3 seconds when the product is turn on, then you can see "**OFF-QUICK START**".

How to deactivate the wireless network connection(s).

Set up the Auto Power function to off and turn off the product.

Connecting to the TV

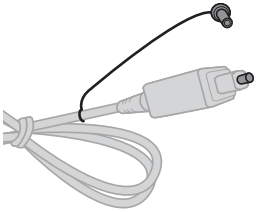
Enjoy a rich, high-quality sound by connecting the product to a TV or a beam projector. It has been designed to enhance the realism of your favorite programming, such as dramas and sports broadcasts.

Connecting with an Optical Cable

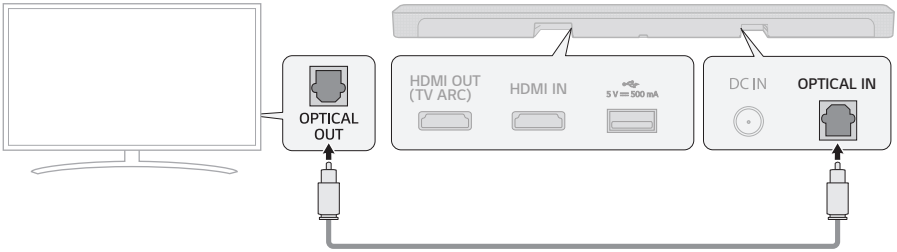
Transmit your TV's audio to the product by connecting it to the TV with an optical cable. You can add a variety of 3D effects to the original audio to fill the room with a deep, rich sound.

Watching TV after connecting with an optical cable

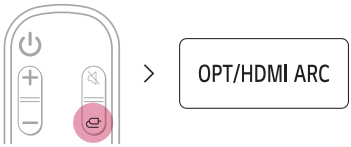
1 If the digital cable terminal has a cover, first remove the covers from both ends.



2 Using an optical cable, connect the **OPTICAL IN** terminal on the back of the product to the **Optical Digital Output (OPTICAL OUT)** terminal on the TV as shown in the picture.



3 Press the **Function** button repeatedly until "**OPT/HDMI ARC**" appears on the status display.



4 Press the **Settings** button on the TV remote control to enter the [Speaker] menu and set the output speaker to [Optical] or [External Speaker]. Settings and menu items may vary depending on the TV manufacturer.

Note

- If the optical input signal and the ARC signal attempt to connect at the same time, the ARC signal will take priority.

When you use an LG TV

You can adjust the volume with the LG TV remote control if the TV is connected to the product with an optical cable. You can only do so on a TV that supports the LG TV Sound Sync function. Check your TV's user manual to see if your TV is supported.

Functions controllable with an LG TV remote control

Volume, mute on/off

Note

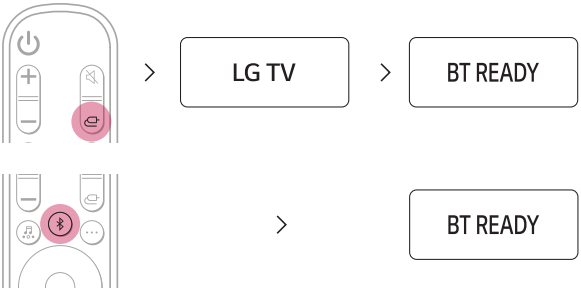
- When the TV is properly connected to the product, "**LGOPT**" will appear on the status display.
- When using the product with an LG TV remote control, the volume and mute status set on the TV will automatically be applied to the product.
- You can still use the product's remote control even after connecting it to an LG TV.
- To use LG Sound Sync, you may have to change the sound setting of your TV. It may vary depending on the TV.

Connecting with LG Sound Sync (Wireless)

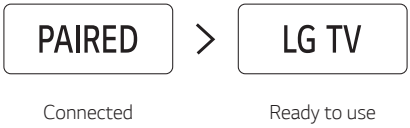
You can adjust the volume with the LG TV remote control if the TV is connected to the product with LG Sound Sync (Wireless). Check out the TV user manual to see if your TV is supported.

Watching TV after connecting it wirelessly

1. Press the **Function** button repeatedly until "**LG TV**" appears on the status display.
   After a moment, it will show "**BT READY**".
   Or Press the **Bluetooth pair** button. After a moment, it will show "**BT READY**".



2. Press the **Settings** button on the TV remote control and enter the [Speaker] menu to set the output speaker to [LG Sound Sync (Wireless)].
3. When the product is connected to the TV via **Bluetooth**, you can see the status display change from "**PAIRED**" → "**LG TV**"



Note

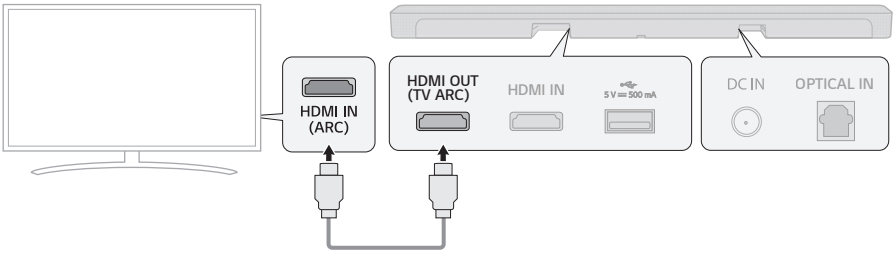
- When using the product with an LG TV remote control, the volume and mute status set on the TV will automatically be applied to the product.
- You can still use the product's remote control even after connecting it to an LG TV.
- If you turn off the power of the product with the Power button, the LG Sound Sync (Wireless) will be disconnected.
- Depending on the TV, the product may be connected to the LG TV even if it is connected with the **Bluetooth** function.

Connecting with an HDMI Cable

You can transmit TV audio to the product by connecting the TV to the product with an HDMI cable. Add a variety of 3D effects to the original audio to fill the room with a deep, rich sound.

Watching TV after connecting with an HDMI cable

1 Using the HDMI cable, connect the **HDMI OUT (TV ARC)** terminal on the back of the product to the **HDMI IN (ARC)** terminal on the TV as shown in the picture.



2 Press the **Function** button repeatedly until "**OPT/HDMI ARC**" appears on the status display.

3 Press the **Settings** button on the TV remote control to enter the [Speaker] menu and set the output speaker to [HDMI ARC]. Settings and menu items may vary depending on the TV manufacturer.

4 When the TV is properly connected to the product, "**ARC**" will appear on the status display.

Note

- Make sure that your TV supports the ARC function before you press the Setting button on the TV remote control and turn on ARC. For more information on how to set the function, refer to the TV user manual as it may differ depending on the TV.
- Use a certified cable with the HDMI logo.

SIMPLINK

- SIMPLINK refers to the HDMI-CEC function that allows you to use a single TV remote control to easily operate an audio device or player connected to an LG TV via HDMI.
  - Functions controllable with a SIMPLINK-compatible LG TV remote control: Power on/off, volume control, mute on/off, etc.
- For more information on how to set up SIMPLINK, consult your LG TV's user manual.

Note

- The SIMPLINK function may not work properly depending on the status of the product or other connected devices.
  - HDMI-CEC features by TV manufacturer: LG SIMPLINK, Sony BRAVIA Sync/Link, Philips EasyLink, Samsung Anynet+, etc.

Connecting to an External Device

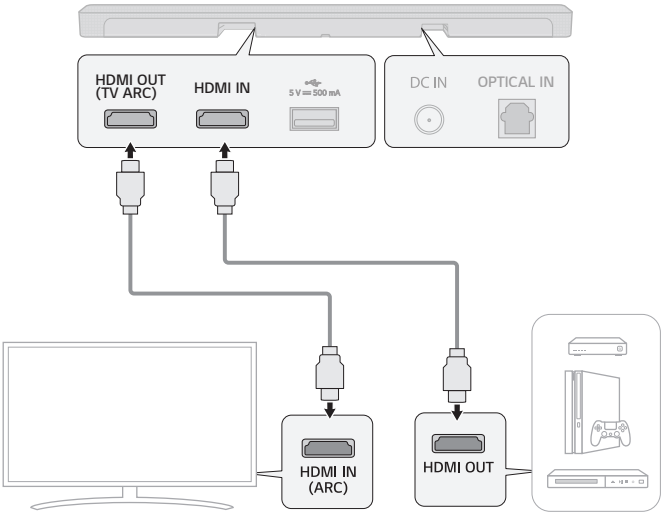
Experience movies and games in more realism by connecting the product to a device such as a game console or a Blu-ray player.

Connecting with an HDMI Cable

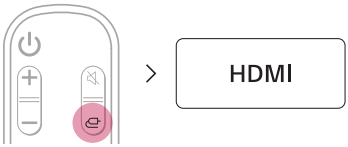
You can connect your TV or external device to the product with an HDMI cable for a deep, magnificent sound.

Connecting an external device via HDMI

1. Connect an external device such as a DVD or Blu-ray player. Following the picture below, connect the **HDMI OUT** terminal of the device to the **HDMI IN** terminal on the back of the product.
2. Using the HDMI cable, connect the **HDMI OUT (TV ARC)** terminal on the back of the product to the **HDMI IN (ARC)** terminal on the TV.



3 Press the **Function** button repeatedly until "**HDMI**" appears on the status display.



4 When the external device is properly connected to the product, you can listen to the sound of the device.

Note

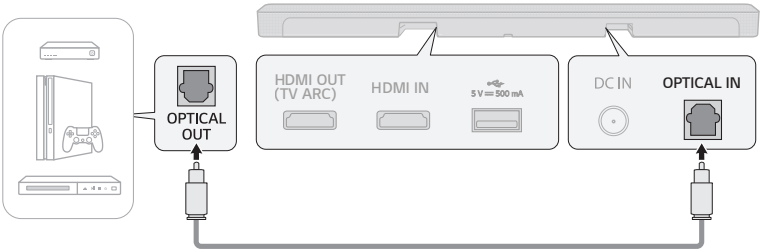
- Please check the audio output settings in the Settings menu of your external device (ex. Blu-ray player or TV). The audio output should be set to [No encoding], [Bitstream], [Auto], or [Pass through]. For more information on how to set the output, please refer to your external device's user manual.
- Use a certified cable with the HDMI logo.

Connecting with an Optical Cable

You can connect a TV or external device to the product with an optical cable for a deep, magnificent sound.

Connecting an external device via optical cable

1. Use the optical cable to connect the **OPTICAL IN** terminal on the back of the product to the **OPTICAL OUT** terminal of your external device (ex. TV, Blu-ray player) as shown in the picture.



2. Press the **Function** button repeatedly until "**OPT/HDMI ARC**" appears on the status display.

3. When the external device is properly connected to the product, "**OPT**" will appear on the status display.

Using the Product as an Audio System

Connecting via Bluetooth

You can play music files stored on a **Bluetooth** device, or run music apps to enjoy the music with this product.

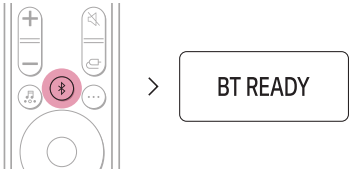
Please check the following first.

- **Bluetooth** devices to be connected to the product should meet the following specifications.
  - Version: 4.0 or higher
  - Codec: SBC, AAC
- Steps to connect the device to the product may vary depending on the **Bluetooth** device type and model. For more information on how to connect the device, please refer to your external device's user manual.

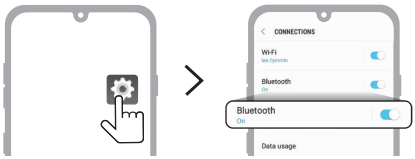
Select the [**Bluetooth**] from your smartphone's **Settings** menu.

Settings menu items may vary depending on your smartphone manufacturer and model.

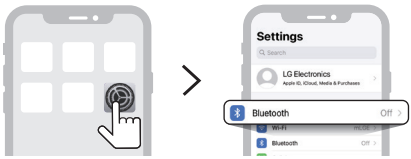
1. Turn on the product.
2. Press the **Bluetooth pair** button. After a moment, "**BT READY**" appears on the status display.



3. Tap the **Settings** (/) button on your smartphone and select **Bluetooth**.



<Android Phone>



<iPhone>

4. Turn on the **Bluetooth** function. (**Off** > **On**)

5 You will see a list of connectable devices on your smartphone.
Find and tap "LG SPD7R (XX)".

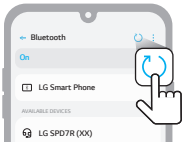
---

6 When the product is connected to the smartphone via **Bluetooth**, you will see the status display change from "**PAIRED**" → "**Connected Bluetooth device name**" → "**BT**".

PAIRED	>	V50 THINQ	>	BT
Connected		Connected **Bluetooth** device name		Ready to use

---

7 If you cannot find the product "LG SPD7R (XX)", tap the **Refresh** button at the top right of the screen on the Android smartphone or turn the **Bluetooth** off and turn it on again on iPhone.



<Android Phone>

<iPhone>

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8 Run a Music app and listen to music on the smartphone.

Note

- The closer the **Bluetooth** device is to the product, the better your connection.
- If you pressed the **Bluetooth pair** button of the product and selected the "**BT**" option, but could not connect to the **Bluetooth** device, you will see "**BT READY**" on the status display. Check the status of the **Bluetooth** device.
- When using **Bluetooth**, you should adjust the volume level to an appropriate level.
- XX is the last 2 digits of the MAC address of the product. For example, if the MAC address is 9C:02:98:4A:F7:08, it will be displayed as "LG SPD7R (08)".

Connecting with a Smartphone via LG Sound Bar app

Please use the **LG Sound Bar app** to run various functions of the product conveniently.

Please check the following first.

- The **LG Sound Bar app** is available in the versions listed below.
  - Android™ OS: Version 6.0 or higher
  - iOS OS: Version 12 or higher

Installing the app

Install the **LG Sound Bar app** on your smartphone. To install the **LG Sound Bar app**, you can scan the QR code with a QR code scan app or download on Google Play or the App Store.

Downloading with a QR code

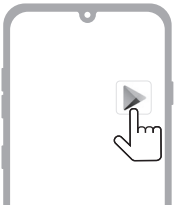
1. Scan the QR code below with a QR code scan app.
2. You will be directed to a page where you can download the **LG Sound Bar app**. Tap the app to install it.

(Android Phone OS)

(iPhone OS)

Downloading from the Google Play or App Store

Go to the Google play or the App Store on your smartphone and search for the **LG Sound Bar app** to install it.



Android Phone

iPhone

Note

- Settings menu items may vary depending on the smartphone manufacturer and OS.
- Google, Android and Google Play are trademarks of Google LLC.

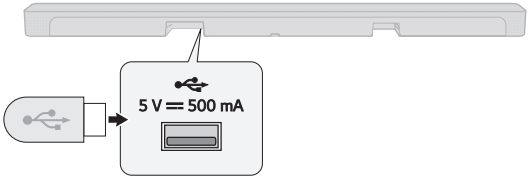
Connecting to a USB Storage Device

Enjoy high-quality sound by connecting a USB storage device containing music files to the product.

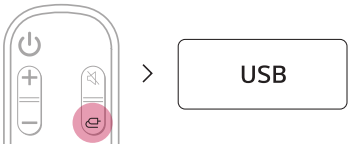
Connecting the product to a USB storage device

1 Plug the USB storage device into the **USB** port on the back of the product.

- The product cannot play any devices connected via a USB storage device hub or a USB storage device cable.
- The product cannot be connected to any USB storage device, USB type MP3 player, or card reader that requires a separate device drive to be installed.



2 Press the **Function** button repeatedly until "**USB**" appears on the status display.



3 When the product is properly connected to a USB storage device, the number of music files in the USB device will appear on the status display. Press the **Play/Pause** button on the remote control to enjoy the music.

Note

- It is recommended that you purchase a separate USB gender changer to make it easier to plug in and out USB storage devices.
- Purchase a USB gender changer with a USB 2.0 extension cable.
- USB devices with a large storage volume may take several minutes to browse through files.
- LG Electronics is not responsible for any data loss. Please always back up the data on your USB storage device to minimize damage caused by data loss.
- Only FAT16/FAT32/NTFS formats are supported. exFAT format is not supported.

USB storage devices supported

MP3 player	Flash MP3 player
USB flash device	USB 2.0 or higher

This product may not recognize some USB storage devices.

Playable file specifications

File extension	Sampling frequency	Bitrate
MP3	32 kHz - 48 kHz	8 kbps - 320 kbps
WMA	32 kHz - 48 kHz	56 kbps - 128 kbps
OGG	32 kHz - 48 kHz	64 kbps - 320 kbps

File extension	Sampling frequency
FLAC (16 bit/24 bit)	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz
WAV (16 bit/24 bit)	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz

- Number of playable files: Up to 2,000
- Maximum number of directories: Up to 200
- This product cannot play files protected by DRM (Digital Rights Management).
- This product cannot play video files from a USB storage device.

Mounting the Product to a Wall

You can mount this product onto a wall.

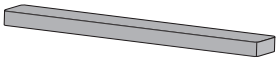
When affixing the product to the wall, follow the instructions below.

Please check the following first.

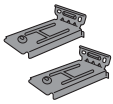
- It may be difficult to connect external devices and cables after wall-mounting. First, connect an external device with the proper connection cable to the product before mounting it to the wall.
- Please note the following when you mount the product to the wall. Product damage or injury may occur during the process.
  - Do not put objects on top of the wall-mounted product.
  - Secure the product firmly to the wall using the fixing screws so that it does not fall off.
  - Ensure it is out of the reach of children. Pulling or shaking the mounted product may cause it to fall.

Components for mounting the product

Sound bar



Wall bracket



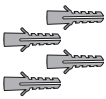
Sound bar screws

Wall bracket installation guide

Sold separately

Bracket screws

Wall plugs

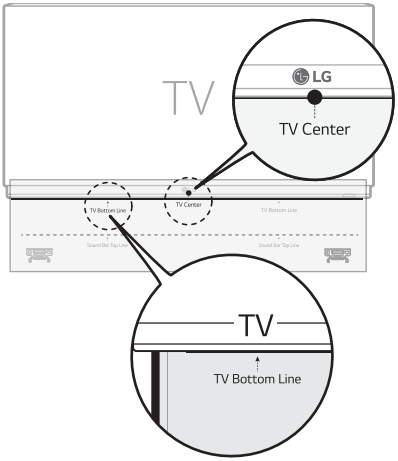


Note

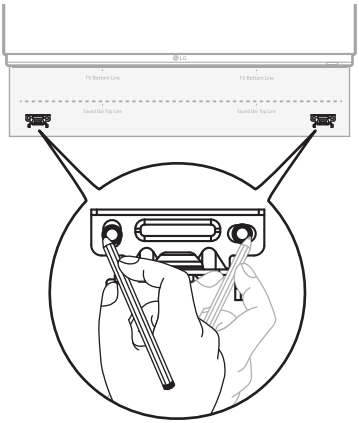
- Screws and Wall Plugs are not supplied for mounting the product. We recommend the Hilti (HUD-1 6 x 30) for the mounting.

Mounting the Product to a Wall

1. Find the wall bracket installation guide in the product package.
2. Align the "**TV Bottom Line**" on the wall bracket installation guide with the bottom of the TV, and attach it to the wall.
   Align the center of the wall-mounted TV with the part marked "**TV Center**" in the installation guide.

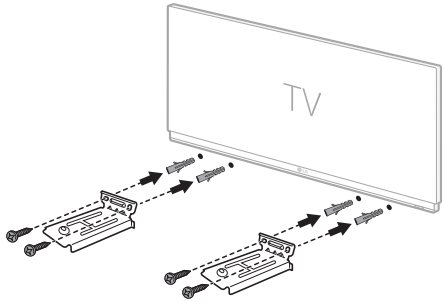


3. With a pen, mark screw holes on the installation guide where the wall brackets will be attached.

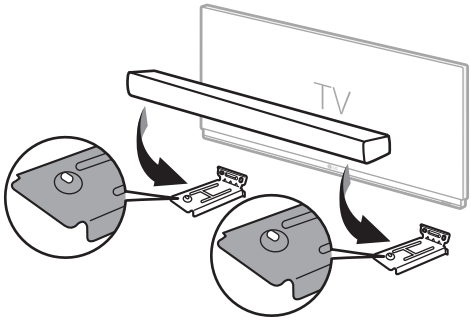


4. Drill screw holes in the marked positions on the installation guide.
5. Remove the wall bracket installation guide from the wall.

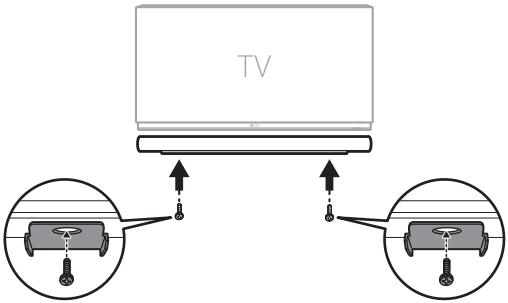
6 Fix the brackets firmly to the wall using the wall plugs and screws.



7 Place the product on the brackets. Position the product on the brackets so the screw holes on the bottom of the product align with the screw holes on the wall bracket.

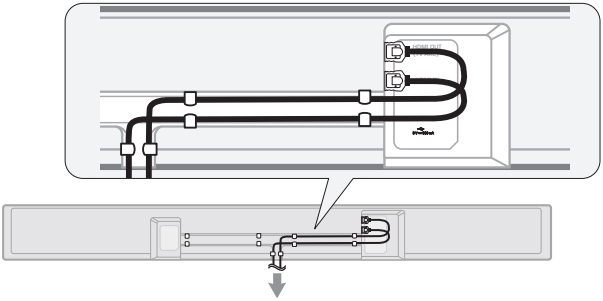


8 Firmly affix the product to the wall brackets using the screws provided.



Organizing cables (Optional)

You can organize the cable with cable holders.



Note

- After all connections are completed, you can arrange cables as needed.

Safety Precautions

Safety and Regulatory

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.
- 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.
- No naked flame sources, such as lighted candles, should be placed on the apparatus.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions. Slots and openings in the cabinet are provided for ventilation and to ensure reliable operation of the product and to protect it from over heating. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product shall not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instruction has been adhered to.
- The apparatus should not be exposed to water (dripping or splashing) and no objects filled with liquids, such as vases, should be placed on the apparatus.
- For safety marking information including product identification and supply ratings, please refer to the main label on the bottom or the other surface of the product.
- Be careful to make sure children do not put their hands or any objects into the *speaker duct.
  - * speaker duct: A hole for plentiful bass sound on speaker cabinet. (enclosure)

CAUTION concerning the Power Cord

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

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

Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your device, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the device, and have the cord replaced with an exact replacement part by an authorized service center.

Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the device.

For models using an adapter

Only use the AC adapter supplied with this device. Do not use a power supply from another device or another manufacturer. Using any other power cable or power supply may cause damage to the device and void your warranty.

For models using a battery

This device is equipped with a portable battery or accumulator.

CAUTION: Risk of fire or explosion if the battery is replaced by an incorrect type.

For models using a built-in battery

Do not store or transport at pressures lower than 11.6 kPa (0.116 bar) and at above 15,000 m (9.32 miles) altitude.

- replacement of a battery with an incorrect type that can defeat a safeguard (for example, in the case of some lithium battery types);
- disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion;
- leaving a battery in an extremely high temperature surrounding environment that can result in an explosion or the leakage of flammable liquid or gas; and
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

Symbols			
~	Alternating current (AC).	⏻	Standby power state.
⎓	Direct current (DC).	I	The power is turned on.
⧈	This is a class II equipment.	ϟ	Danger voltage.

Before Reporting Product Malfunction

Troubleshooting

If you experience the following issues while using the product, please perform several checks, as they may not be malfunctions.

General Errors

Issue	Solution
The product does not work properly	• Unplug the power cables and any external devices such as your TV, subwoofer, or amplifier from the product, then plug them in again. • Please beware that previous product settings may be lost.
The power does not turn on	• Is the power cord plugged into the outlet properly? - Connect the power plug to the outlet correctly.
There is no sound	• Is the volume set to minimum? - Press the **Volume** button on the remote control to turn up the volume. - If you are using an external device such as a set-top box, portable device, or **Bluetooth** device, adjust the volume of the external device. • Is the mute function activated? - If "**MUTE**" appears on the status display, the mute function is on. Press the **Mute** button to unmute. • Is the correct product function selected according to the external device connected? - Press the **Function** button to check if you selected the correct function.
The subwoofer does not produce sound	• Is the product properly connected to the wireless subwoofer? - If the LED on the back of the wireless subwoofer is blinking green or lit in red, it means it is not connected. If the connection is established, a green light will appear. Reconnect the product to the wireless subwoofer. (→ See "Connecting the Product" on page 6.)
The remote control does not work properly	• When using the remote control, point it at the front of the product. • Use the remote control within a 7-m (23 ft) radius of the product. • Replace the batteries with new ones as needed.
The Auto Power function does not work	• Check connection to external devices (ex. set-top box, portable device, **Bluetooth** device).
LG Sound Sync does not work	• Check whether your TV supports LG Sound Sync. • Check if the TV is properly connected to the product via an optical cable. - Press the **Settings** button on the TV remote control to check if the function is turned on in [LG Sound Sync].

The product volume is low	• Check the following and change the settings accordingly. - When the product is connected to a TV, press the **Settings** button on the TV remote control, select the [Speaker] menu, and change the [Digital Sound Output] setting from [PCM] to [AUTO] or [BITSTREAM]. - If the product is connected to a playback device such as a DVD player or Blu-ray disc player, go to the connected device's Settings menu. Change the [Digital Sound Output] setting from [PCM] to [PRIMARY PASS-THROUGH] or [BITSTREAM]. Set the [DRC] of the connected device to [OFF]. - If the product's Night Time mode is on, turn it off by pressing the **Settings** button and **Left/Right** and then **Up/Down**.
The product fails to recognize a USB storage device	• The product may not support the file format of the USB storage device. Format the USB storage device and reconnect it. When formatting, refer to the USB storage device formats supported by the product and select an appropriate file format. (→ See "Connecting to a USB Storage Device" on page 45.)
A Bluetooth device cannot be paired	• Press the Settings button on the **Bluetooth** device and check whether the **Bluetooth** function is enabled. If **Bluetooth** is enabled, turn it off and on, then try again. • Remove any obstacles between the product and the **Bluetooth** device. • **Bluetooth** pairing (connection) may not work properly depending on the **Bluetooth** device type or the surrounding environment.

Problems in Wireless Connection

Issue	Solution
There is radio interference	• Install the product and the wireless subwoofer as close to each other as possible. • Do not install the product on metal furniture. • Wireless communication may not work properly in weak signal areas.
The Bluetooth connection is causing a malfunction or making noise	• Do you hear noise or experience malfunctions when using **Bluetooth**? - Do not let any part of your body contact the transceiver of the **Bluetooth** device or the product. - Do not install the **Bluetooth** device on a wall or in a secluded spot. - Remove any obstacles between the product and the **Bluetooth** device. - Install the **Bluetooth** device near the product. • When the **Bluetooth** device is too far from the product, **Bluetooth** may be disconnected or malfunctions may occur. - Install the **Bluetooth** device 1 m away from devices that use the same frequency as the product, such as wireless routers, medical equipment, and microwave ovens.

Turning off the Demo Mode

Issue	Solution
The remote control does not work	• Does the text on the status display remain unchanged, even if you press the **Function** button several times? • Do you only see the text "**DEMO**" in the status display? - The demo mode may be activated on the product. Unplug the product's power cable and plug it back in. - If the remote control still does not work, press the **Volume** button on the product to set the volume level at 2, the press and hold the **Function** button for about 5 seconds. If the currently selected function appears on the status display, it means that demo mode has been turned off.

Appendix

Specifications

General	
Power Consumption	Refer to the main label.
AC adapter	• Model: **DA-50F25** • Manufacturer: Asian Power Devices Inc. • Input: 100 - 240 V ~ 50 - 60 Hz • Output: 25 V ⎓ 2 A • Model: **MS-Z2000R250-050D0-P** • Manufacturer: MOSO POWER SUPPLY TECHNOLOGY CO., LTD. • Input: 100 - 240 V ~ 50/60 Hz • Output: 25 V ⎓ 2 A • Model: **A650-250200W-M21** • Manufacturer: Dongguan Aohai Technology Co., Ltd. • Input: 100 - 240 V ~ 50/60 Hz • Output: 25 V ⎓ 2 A
Dimensions (W x H x D)	Approx. 1000.0 mm x 63.0 mm x 105.0 mm (including the base) (39.4 inch x 2.5 inch x 4.1 inch)
Operation Temperature Range	5 °C - 40 °C (41 °F to 104 °F)
Operation Humidity Range	5 % - 60 %
Bus Power Supply (USB)	5 V ⎓ 500 mA
Available Digital Input Audio Sampling Frequency	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz
Available Digital Input Audio format	Dolby Audio™, DTS Digital Surround, PCM

Input/Output	
OPTICAL IN	3.0 V (p-p), (optical audio connection terminal) × 1
HDMI IN	19-pin (Type A, HDMI™ connection terminal) × 1
HDMI OUT (TV ARC)	19-pin (Type A, HDMI™ connection terminal) × 1

Wireless Subwoofer	
Power Requirement	Refer to the main label on the Wireless Subwoofer.
Power Consumption	Refer to the main label on the Wireless Subwoofer.
Type	1-way 1 speaker
Impedance	3 Ω
Dimensions (W x H x D)	Approx. 180.0 mm × 394.0 mm × 290.0 mm (7.1 inch x 15.5 inch x 11.4 inch)

Rear Speakers and Wireless Receiver (SPK8C-S (SPK8C-S, S78S1-S))

Wireless Receiver	
Power Requirement	Refer to the main label on the wireless receiver.
Power Consumption	Refer to the main label on the wireless receiver.
Dimensions (W x H x D)	Approx. 60.0 mm × 220.0 mm × 175.0 mm (2.4 inch x 8.7 inch x 6.9 inch)

Rear Speakers	
Type	1-way 1 speaker
Impedance	3 Ω
Dimensions (W x H x D)	Approx. 100.0 mm x 140.0 mm x 100.0 mm (3.9 inch x 5.5 inch x 3.9 inch)

- Design and specifications are subject to change without notice.

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"Made for iPhone," and "Made for iPod" mean that an electronic accessory has been designed to connect specifically to iPhone, or iPod, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPhone or iPod may affect wireless performance.

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LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

Handling the Product

When shipping the Product

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

Keeping the exterior surfaces clean

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

Cleaning the product

To clean the product, 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 product.

LG

Life's Good