



SIMPLE MANUAL

# Wi-Fi Soundbar

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S90TR  
(SPT85-SL, SPT85-SR)

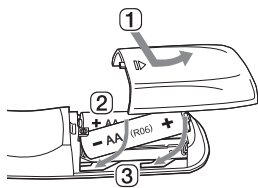
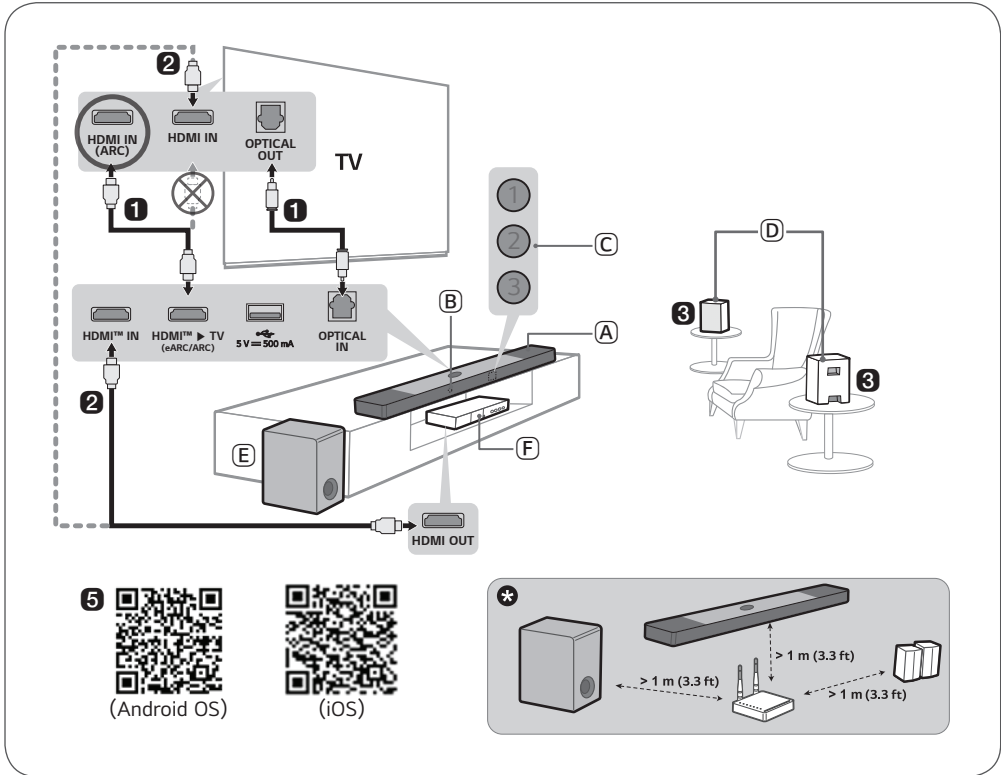
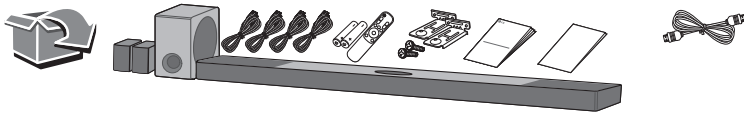


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2403\_Rev01



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Replacement of Battery

**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

# Installing and Using the Product

Please read this manual carefully before operating your set and retain it for future reference. To view the instructions of advanced features, visit <http://www.lg.com> or scan QR code and then download Owner's Manual. Some of the content in this manual may differ from your product.



- (A) Soundbar
- (B) Remote Control Receiver
- (C) Status LED (①②③)
- (D) Wireless Rear Speakers
- (E) Wireless Subwoofer - Install it close to the soundbar.
- (F) External Device - (Blu-ray player, game console, etc.)



○ : On / ● : Off / ◉ : Blink

Red blinking	White	White blinking	White	White blinking	White	Golden yellow	Purple
Power on Power off	OPTICAL / HDMI ARC	<b>Bluetooth</b> ready	<b>Bluetooth</b>	Wi-Fi ready	Wi-Fi	HDMI IN	USB

- 1 Connect the soundbar to your TV via an optical cable or an HDMI cable.**
- 2** If you are using an external device (ex. Set-top box, Blu-ray player, game console, etc.), connect it to the soundbar or to the TV via an HDMI cable.
  - ⓘ If necessary, purchase HDMI cables, an optical cable, or a USB extension cable to connect the soundbar.
- 3** Connect to power in the following order: wireless subwoofer → wireless rear speakers → soundbar. Then, turn on the soundbar. When the connection is automatically established with the soundbar, the LEDs on the wireless subwoofer and wireless rear speakers will light up in green.
- 4 Using the product with your TV**
  - ① Press the **Function** (Ⓜ) button repeatedly until LED1 lights up white. If you are using an external device that is connected to **HDMI™ IN** on the soundbar, press the **Function** (Ⓜ) button repeatedly until LED1 lights up golden yellow.
  - ② On your TV's settings, set the output speaker to [HDMI ARC], [Optical], or [External Speaker].
  - ⓘ If you have an LG TV that supports the WOWCAST built-in function, you can connect it to the soundbar wirelessly.
- 5 Connecting the product to your smartphone via Wi-Fi**
  - ① Connect your smartphone to Wi-Fi.
  - ② Install the **LG Soundbar app** on Google Play or the App Store.
  - ③ Run the **LG Soundbar app** and follow the instructions.
  - ④ The product will connect to your smartphone and you can control the product with **LG Soundbar app**.
- 6 Connecting the product to your smartphone via Bluetooth**
  - 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, LED1 and LED2 blink white.
  - ③ Find and select "LG\_Speaker\_S90TR\_XXXX".
  - ④ When the product is connected to your smartphone via **Bluetooth**, LED1 and LED2 light up white.



**If you see a red LED on the wireless subwoofer or wireless rear speakers, it means that the soundbar is not connected to the speakers. If this is the case, connect them in the following order.**

- ① Press the **Power**  button on the soundbar to turn it off.
  - ② Press the **PAIRING** button on the back of the wireless subwoofer or wireless rear speakers. Check if each LED blinks green.
    - If you still see a red LED on the wireless subwoofer or wireless rear speakers, press and hold the button on the back of the subwoofer or wireless rear speakers again.
  - ③ Press the **Power**  button on the soundbar to turn it on.
  - ④ When the connection is established, you will see a green LED light on the wireless subwoofer or wireless rear speakers light up in green.
- ⚠ Keep the soundbar, the subwoofer and wireless rear speakers away from the device (ex. wireless router, microwave oven, etc.) over 1 m (3.3 ft) to prevent wireless interference.
  - Some speakers may not make sound depend on the input source. Select BASS BLAST (BASS BLAST+) sound mode to listen through all speakers.
- Actual features, functionality, and other product specifications may differ and are subject to change without notice.
  - Google Play is a trademark of Google LLC.

## Specification

### Power requirements


- Refer to the main label.

### Power consumption

- Refer to the main label.

Soundbar dimensions (W x H x D): Approx. 1250.0 mm x 63.0 mm x 135.0 mm (49.2 inch x 2.5 inch x 5.3 inch)

Wireless rear speakers dimensions (W x H x D): Approx. 100.0 mm x 176.5 mm x 120.0 mm (3.9 inch x 6.9 inch x 4.7 inch)

Bus Power Supply (USB): 5 V  500 mA

Amplifier (Total RMS Output power): 670 W RMS

### Open Source Software Notice Information

To obtain the source code that is contained in this product, under GPL, LGPL, MPL, and other open source licenses that have the obligation to disclose source code, and to access all referred license terms, copyright notices and other relevant documents, please visit <https://opensource.lge.com>.

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### FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC RF Radiation Exposure Statement:** This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

### FCC Radio Frequency Interference Requirements:

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device. This device cannot be co-located with any other transmitter.

### Supplier's Declaration of Conformity

Trade Name	LG
Responsible Party	LG Electronics USA, Inc.
Address	111 Sylvan Avenue, North Building Englewood Cliffs, New Jersey 07632
Email	<a href="mailto:lg.environmental@lge.com">lg.environmental@lge.com</a>



**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.

- Install this apparatus in a location where the power plug can be easily unplugged and plugged in. If there is a fire or problem with this apparatus, unplug it quickly.
- 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.

#### 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. The LG limited warranty does not cover damage caused by the use of third party accessories.

#### 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.

#### How to Safely remove the batteries or the battery pack from the equipment:

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

#### 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;
- a battery subjected to extremely low air pressure that may result in an explosion or the leakage of flammable liquid or gas.

#### IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.

9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



#### Symbols

~	Refers to alternating current (AC).
— — —	Refers to direct current (DC).
⊞	Refers to class II equipment.
⏻	Refers to stand-by.
I	Refers to "ON" (power).
⚡	Refers to dangerous voltage.

#### USA Only (Product with embedded rechargeable battery ONLY)

In case rechargeable battery is included in this product, the entire device should be recycled in compliance with rechargeable battery recycling standards because of the internal battery. To dispose of properly, call (800) 822-8837 or visit [www.call2recycle.org](http://www.call2recycle.org).

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