

User Manual of Product 1:

LG C2 Series 55-Inch Class OLED evo Smart TV
OLED55C2PUA, 2022 - AI-Powered 4K TV, Alexa Built-in, Dark
Silver

User Manual of Product 2:

LG S75Q 3.1.2ch Sound bar with Dolby Atmos DTS:X,
High-Res Audio, Synergy TV, Meridian, HDMI eARC, 4K Pass
Thru with Dolby Vision Black



ENGLISH

www.lg.com

Printed in Korea

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LG OLED TV

OWNER'S MANUAL

Safety and Reference

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

OLED48A2AUA	OLED55B2AUA	OLED42C2AUA
OLED48A2PUA	OLED55B2PUA	OLED42C2PUA
OLED55A2AUA	OLED65B2AUA	OLED48C2AUA
OLED55A2PUA	OLED65B2PUA	OLED48C2PUA
OLED65A2AUA	OLED77B2AUA	OLED55C2AUA
OLED65A2PUA	OLED77B2PUA	OLED55C2PUA
OLED77A2AUA		OLED65C2AUA
OLED77A2PUA		OLED65C2SW
		OLED65C2PUA
		OLED77C2AUA
		OLED77C2PUA
		OLED83C2AUA
		OLED83C2PUA

The model and serial number of the product are located on the back and on one side of the product. Record them below in case you ever need service.

Model _____

Serial No. _____



* M F L 7 1 8 5 6 1 3 2 2 0 4 R E V 0 3 *

Supplier's Declaration of Conformity

Trade Name	LG
Responsible Party	LG Electronics USA, Inc.
Address	111 Sylvan Avenue, North Building, Englewood Cliffs, NJ 07632
E-mail	lg.environmental@lge.com

LG Customer Information Center

For inquires or comments, visit www.lg.com or call;

1-800-243-0000	USA, Consumer User
1-888-865-3026	USA, Commercial User
1-888-542-2623	CANADA

Register your product Online!

www.lg.com

Important Safety Instruction

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 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.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- 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.



- Unplug this apparatus during lightning storms or when unused for long periods of time.
- 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.

By using this product, you agree that all disputes between you and LG arising out of or relating in any way to this product (including but not limited to warranty disputes) shall be resolved exclusively through binding arbitration on an individual basis. The terms of the arbitration agreement (including details on the procedure for resolving disputes) is available at www.lg.com/us/arbitration (USA) or www.lg.com/ca_en/arbitration (Canada).

Before reading this manual

- Read this manual thoroughly before operating your TV, and keep it for future reference.
- On the website you can download the manual including installation, using, troubleshooting, specifications, license etc and view its contents on your PC or mobile device.
- **User Guide :** For more information about this TV, read the USER GUIDE embedded in the product. (Depending upon model)
 - To open the USER GUIDE (⊙) / (⊗) → (⋮) → [Support] → [User Guide]

Optional Extras

- Optional extras can be changed or modified for quality improvement without any notification. Contact your dealer for buying these items. These devices work only with certain models.
- The model name or design may be changed due to the manufacturer's circumstances or policies.
- A cable to connect antennas and external devices must be purchased separately.

✓ Note

- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- The items supplied with your product may vary depending upon the model.
- Image shown may differ from your TV.

Warning! Safety instructions



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



The symbol 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 symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the device.

WARNING: TO REDUCE THE RISK OF FIRE AND ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

- TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER ITEMS WITH OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

- **Do not place the TV and/or remote control in the following environments:**

- Keep the product away from direct sunlight.
- An area with high humidity such as a bathroom.
- Near any heat source such as stoves and other devices that produce heat.
- Near kitchen counters or humidifiers where they can easily be exposed to steam or oil.
- An area exposed to rain or wind.
- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g., on shelves above the unit).
- Near flammable objects such as gasoline or candles, or expose the TV to direct air conditioning.
- Do not install in excessively dusty places.

Otherwise, this may result in fire, electric shock, combustion/explosion, malfunction or product deformation.

- **Ventilation**

- Install your TV where there is proper ventilation. Do not install in a confined space such as a bookcase.
- Do not install the product on a carpet or cushion.
- Do not block or cover the product with cloth or other materials while unit is plugged in.
- Take care not to touch the ventilation openings. When watching the TV for a long period, the ventilation openings may become hot.
- 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.
- Do not move the TV whilst the Power cord is plugged in.
- Do not use a damaged or loosely fitting power cord.

- Be sure to grasp the plug when unplugging the power cord. Do not pull on the power cord to unplug the TV.

- Do not connect too many devices to the same AC power outlet as this could result in fire or electric shock.

- **Disconnecting the Device from the Main Power**

- The power plug is the disconnecting device. In case of an emergency, the power plug must remain readily accessible.
- Do not let your children climb or cling onto the TV. Otherwise, the TV may fall over, which may cause serious injury.

- **Outdoor Antenna Grounding** (Can differ by country):

- If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits as death or serious injury can occur.

Be sure the antenna system is grounded to provide some protection against voltage surges and built-up static charges.

Section 810 of the National Electrical Code (NEC) in the U.S.A. provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements for the grounding electrode.

Antenna grounding according to the National Electrical Code, ANSI/NFPA 70

- Never touch this apparatus or antenna during a lightning storm. You may be electrocuted.
- Make sure the power cord is connected securely to the TV and wall socket if not secured damage to the Plug and socket may occur and in extreme cases a fire may break out.
- Do not insert metallic or inflammable objects into the product. If a foreign object is dropped into the product, unplug the power cord and contact the customer service.
- Do not touch the end of the power cord while it is plugged in. You may be electrocuted.

- **If any of the following occur, unplug the product immediately and contact your local customer service.**

- The product has been damaged.
- If water or another substance enters the product (like an AC adapter, power cord, or TV).
- If you smell smoke or other odors coming from the TV
- When lightning storms or when unused for long periods of time.

Even the TV is turned off by remote control or button, AC power source is connected to the unit if not unplugged in.

- Do not use high voltage electrical equipment near the TV (e.g., a bug zapper). This may result in product malfunction.
- Do not attempt to modify this product in any way without written authorization from LG Electronics. Accidental fire or electric shock can occur. Contact your local customer service for service or repair. Unauthorized modification could void the user's authority to operate this product.
- Use only an authorized attachments / accessories approved by LG Electronics. Otherwise, this may result in fire, electric shock, malfunction, or product damage.
- Never disassemble the AC adapter or power cord. This may result in fire or electric shock.
- Handle the adapter carefully to avoid dropping or striking it. An impact could damage the adapter.
- To reduce the risk of fire or electrical shock, do not touch the TV with wet hands. If the power cord prongs are wet or covered with dust, dry the power plug completely or wipe dust off.

- **Batteries**

- Store the accessories (battery, etc.) in a safe location out of the reach of children.
- Do not short circuit, disassemble, or allow the batteries to overheat. Do not dispose of batteries in a fire. Batteries should not be exposed to excessive heat.
- Caution: Risk of fire or explosion if the battery is replaced by an incorrect type.

- **Moving**

- When moving, make sure the product is turned off, unplugged, and all cables have been removed. It may take 2 or more people to carry larger TVs. Do not press or put stress on the front panel of the TV. Otherwise, this may result in product damage, fire hazard or injury.

- Keep the packing anti-moisture material or vinyl packing out of the reach of children.
- Do not allow an impact shock, any objects to fall into the product, and do not drop anything onto the screen.
- Do not press strongly upon the panel with a hand or a sharp object such as a nail, pencil, or pen, or make a scratch on it. It may cause damage to screen.

- **Cleaning**

- When cleaning, unplug the power cord and wipe gently with a soft/dry cloth. Do not spray water or other liquids directly on the TV. Do not clean your TV with chemicals including glass cleaner, any type of air freshener, insecticide, lubricants, wax (car, industrial), abrasive, thinner, benzene, alcohol etc., which can damage the product and/or its panel. Otherwise, this may result in electric shock or product damage.

Installation

Lifting and moving the TV

When moving or lifting the TV, read the following to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.

- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to avoid damage.
- Hold the side and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grille area.
- Use at least two people to move a large TV.
- When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright; never turn the TV on its side or tilt towards the left or right.
- When handling the TV, be careful not to damage the protruding buttons.



- Avoid touching the screen at all times, as this may result in damage to the screen.
- Do not place the product on the floor with its front facing down without padding. Failure to do so may result in damage to the screen.
- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

Mounting on the Table

- 1 Lift and tilt the TV into its upright position on a table.
 - Leave a minimum of 10 cm (4 inches) space from the wall for proper ventilation.
- 2 Connect the power cord to a wall outlet.



- Do not apply foreign substances (oils, lubricants, etc.) to the screw parts when assembling the product. (Doing so may damage the product.)
- If you install the TV on a stand, you need to take actions to prevent the product from overturning. Otherwise, the product may fall over, which may cause injury.
- Do not use any unapproved items to ensure the safety and lifespan of the product.
- Any damages or injuries by using unapproved items are not covered by the warranty.
- Make sure that the screws are fastened tightly. (If they are not fastened securely enough, the TV may tilt forward after being installed.)
- Do not fasten the screws with excessive force otherwise they may strip and become loose.
- If there is a problem with swivel angle adjustment, lift the product slightly and put it back down.

Securing TV to the Wall

- 1 Insert and tighten the eye-bolts or TV brackets and bolts on the back of the TV.
 - If there are bolts inserted at the eye-bolts position, remove the bolts first.
- 2 Mount the wall brackets with the bolts to the wall. Match the location of the wall bracket and the eye-bolts on the rear of the TV.
- 3 Connect the eye-bolts and wall brackets tightly with a sturdy rope or cable. Make sure to keep the rope parallel to the flat surface.
 - Use a platform or cabinet that is strong and large enough to support the TV securely.
 - Brackets, bolts, and ropes are optional. You can obtain additional accessories from your local dealer.

Mounting to the Wall

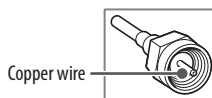
An optional wall mount can be used with your LG Television. Consult with your local dealer for a wall mount that supports the VESA standard used by your TV model. Carefully attach the wall mount bracket at the rear of the TV. Install the wall mount bracket on a solid wall perpendicular to the floor. If you are attaching the TV to other building materials, please contact qualified personnel to install the wall mount. Detailed instructions will be included with the wall mount. We recommend that you use an LG brand wall mount. The LG wall mount is easy to adjust or to connect the cables. When you do not use LG's wall mount bracket, use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices. If you are using a non-adjustable mount, attach the mount to the wall. Attach the cables to the TV first, then attach the TV to the mount.



- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.
- For more information of screws and wall mount bracket, refer to the Separate Purchase.
- If you intend to mount the product to a wall, attach VESA standard mounting interface (optional parts) to the back of the product. When you install the set to use the wall mounting bracket (optional parts), fix it carefully so as not to drop.
- When mounting a TV on the wall, make sure not to install the TV by hanging the power and signal cables on the back of the TV.
- Do not install this product on a wall if it could be exposed to oil or oil mist. This may damage the product and cause it to fall.
- Please use the accessory cable holder when hanging on the wall. (Only OLED48/83C2*)

Antenna/Cable

Connect an antenna, cable, or cable box to watch TV while referring to the following. The illustrations may differ from the actual items and an RF cable is optional.



- Make sure not to bend the copper wire of the RF cable.
- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your TV.
- Use a signal splitter to use 2 TVs or more.
- DTV Audio Supported Codec: MPEG, Dolby Digital
- This TV cannot receive Ultra HD (3840 x 2160 pixels) broadcasts directly because the related standards have not been confirmed (Depending upon country).
- Use the AV cover for aesthetic purposes. Connecting too many cables may cause lifting problems. In such a case, remove the AV cover before use.

Starting TV

Turning on the TV

You can simply operate the TV functions, using the button.

<A type>



Power On (Press)
Power Off¹⁾ (Press and Hold)
Menu Control (Press²⁾)
Menu Selection (Press and Hold³⁾)

- 1) All running apps will close.
- 2) You can access and adjust the menu by pressing the button when TV is on.
- 3) You can use the function when you access menu control.

<B type>



Power On (Press)
Power Off¹⁾ (Press and hold)



Volume Control



Channels Control

- 1) All running apps will close.

✔ Note

- When the TV is turned on for the first time after being shipped from the factory, initialization of the TV may take approximately one minute..




Connections

You can connect various external devices to the TV. For more information on external device's connection, refer to the manual provided with each device.

HDMI

- When connecting the HDMI cable, the product and external devices should be turned off and unplugged.
- Supported HDMI Audio format (Depending upon model):
True HD (48 kHz),
Dolby Digital / Dolby Digital Plus (32 kHz / 44.1 kHz / 48 kHz),
PCM (32 kHz / 44.1 kHz / 48 kHz / 96 kHz / 192 kHz)

✔ Note

- If the device connected to Input Port also supports HDMI Deep Color, your picture may be clearer. However, if the device doesn't support it, it may not work properly. In that case, change the TV's [HDMI Deep Color] setting to off.
 /  →  → [General] → [Devices] → [HDMI Settings] → [HDMI Deep Color]
- Use a certified cable with the HDMI logo attached. If you do not use a certified HDMI cable, the screen may not display or a connection error may occur.
- Recommended HDMI cable types (3 m (9.84 feet) or less)
 - Ultra High Speed HDMI®/™ cable

USB

Some USB Hubs may not work. If a USB device connected through a USB Hub is not detected, connect it directly to the USB port on the TV.

✔ Note

- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm (0.39 inches) thick and 18 mm (0.7 inches) width.
- Use an extension cable that supports USB 2.0 if the USB cable or USB flash drive does not fit into your TV's USB port.

IR Blaster

Control the set-top box (cable/satellite/IP/OTT), Blu-ray/DVD player, soundbar, game consoles, etc., using the IR Blaster. (Depending upon country) (Depending upon models)

- Connect the IR Blaster cable to the TV's IR Blaster port.
- Use universal control settings to control the device.
- Secure the IR Blaster with the 3M tape provided.

External Devices

Supported external devices are: Blu-ray player, HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices.

✔ Note

- The external device connections shown may differ slightly from illustrations in a manual.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the [Picture] menu until the picture is clear. Depending upon the graphics card, some resolution settings may not allow the image to be positioned on the screen properly.
- When connecting to a wired LAN, use a CAT7 cable with high-speed Internet transmission.
- The TV may be capable of operating without a set-top-box from a multichannel video programming distributor (MVPD).

Remote RS-232C setup

To obtain the RS-232C external control setup information, please visit www.lg.com. Download and read the manual, (Depending upon model).



- Do not drop the product or let it fall over when connecting external devices. Otherwise, this may result in injury or damage to the product.
- When connecting external devices such as video game consoles, make sure the connecting cables are long enough. Otherwise, the product may fall over, which may cause injury or damage to the product.

Specifications

Product specifications may be changed without prior notice due to upgrade of product functions.

Estimated yearly energy consumption indicated on the FTC label is measured in accordance with the Test Procedures for Television Sets (USA only).

The actual energy consumption depends on the usage environment (The content watched, TV settings, etc.).

- For information of the power supply and power consumption, refer to the label attached to the product.
 - The typical power consumption is measured in accordance with IEC 62087 or each country's energy regulations.
 - * On some models, the label is inside the external device connection terminal cover.
 - * Depending upon the model or country, the typical power consumption may not be on label.

(Depending upon country)

Broadcasting Specifications	
Television system	ATSC / NTSC-M, 64 & 256 QAM
Channel coverage (Band)	VHF 2-13, UHF 14-69, DTV 2-69, CATV 1-135, CADTV 1-135
External antenna impedance	75 Ω

Environment Condition	
Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
Operating Humidity	Less than 80 %
Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
Storage Humidity	Less than 85 %

Product Information

(Only OLED42/48/55/65/77/83C2AUA)

Wireless module(LGSBWAX12)Specifications

Wireless LAN (IEEE 802.11a/b/g/n/ac/ax)

Frequency range	Output Power (Max.)
2,400 to 2,472 MHz	17 dBm
5,150 to 5,725 MHz	15 dBm
5,725 to 5,850 MHz	15 dBm
5,945 to 7,125 MHz	11 dBm

Bluetooth

Frequency range	Output Power (Max.)
2,400 to 2,483.5 MHz	9 dBm

As band channels can vary per country, the user cannot change or adjust the operating frequency. This product is configured for the regional frequency table.

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the device and the body.

FCC ID: BEJLGSBWAX12 / IC: 2703H-LGSBWAX12

(Except for OLED42/48/55/65/77/83C2AUA)

Wireless module(LGSBWAC95)Specifications

Wireless LAN (IEEE 802.11a/b/g/n/ac)

Frequency range	Output Power (Max.)
2,400 to 2,483.5 MHz	18.5 dBm
5,150 to 5,725 MHz	18 dBm
5,725 to 5,850 MHz	18 dBm

Bluetooth

Frequency range	Output Power (Max.)
2,400 to 2,483.5 MHz	9 dBm

As band channels can vary per country, the user cannot change or adjust the operating frequency. This product is configured for the regional frequency table.

For consideration of the user, this device should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the device and the body.

FCC ID: BEJLGSBWAC95 / IC: 2703H-LGSBWAC95

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>.

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.

Licenses

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

QUICK SET®
(Magic Remote supported models only)

HEC Advance™
Covered by patents at patentlist.accessadvance.com

Troubleshooting

Cannot control the TV with the remote control.	<ul style="list-style-type: none"> • Check if anything such as tape has been placed over the receiver. • Check if there is any obstacle between the product and the remote control. • Replace the batteries with new fresh ones.
No image display and no sound is produced.	<ul style="list-style-type: none"> • Check if the product is turned on. • Check if the power cord is connected to a wall outlet. • Check if there is a problem in the wall outlet by connecting other products.
The TV turns off suddenly.	<ul style="list-style-type: none"> • Check the power control settings. The power supply may be interrupted. • Check if the auto-off function is activated in the settings menu. • If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.
Abnormal Display	<ul style="list-style-type: none"> • If the TV feels cold to the touch, there may be a small flicker when it is turned on. This is normal; there is nothing wrong with TV. Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the TV's performance. Avoid touching the screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen. • This panel is an advanced product that contains millions of pixels. In a very few cases, you could see fine dots on the screen while you're viewing the TV. Those dots are deactivated pixels and do not affect the performance and reliability of the TV.
Generated Sound	<ul style="list-style-type: none"> • Cracking noise A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal deformation is required. • Electrical circuit humming/panel buzzing A low level noise is generated from a high-speed switching circuit, which supplies a large amount of current to operate a product. It varies depending upon the product. This generated sound does not affect the performance and reliability of the product.



- Make sure to wring any excess water or cleaner from the cloth.
- Do not spray water or cleaner directly onto the TV screen.
- Make sure to spray just enough of water or cleaner onto a dry cloth to wipe the screen.

Precautions for Protecting the OLED TV Screen

Unlike regular LED/LCDs, OLED TVs produce images that emit light for each pixel, achieving a perfect black color and delivering clear images without blurring.

Due to the nature of the organic materials used to achieve high-resolution image quality, OLED displays generally experience image retention on the screen, which can be a persistent phenomenon. This phenomenon is observed in all OLED panels, and although recommended picture modes can minimize image retention, current technology cannot completely prevent this from occurring.



Displaying the same image for a long time or repeatedly displaying the same image can cause image retention on the screen, which is a common phenomenon in OLED panel products due to the nature of the product. This product has a built-in screen protection feature. Avoid displaying images that are likely to cause image retention, and follow the recommendations.

Images that are likely to cause image retention





- Images with black areas on the top and bottom and/or the left and right sides of the screen.
- Images whose aspect ratio is 4:3 or 21:9.
- Images that are fixed for a long time, such as channel number, station logo, game console icon, set-top box menu, etc.
- Other fixed screen images or repeatedly displayed images.



Running [Pixel Cleaning] to Protect the OLED TV Screen

The OLED TV is equipped with a pixel cleaning feature to check the status of the screen by itself and prevent image retention. This feature is automatically calculates the optimal execution time based on the accumulated viewing time and is automatically executed when the TV is turned off. While this feature is running, horizontal lines may appear at the top and bottom of the screen. The pixel cleaning feature works when the product is connected to the power cord and main power.

- To run this function manually, press the  button on the remote control, go to  → [General] → [OLED Care] → [OLED Panel Care] and press [Pixel Cleaning].

Recommendations for Minimizing Image Retention

When watching the TV for a long time, press the  button on the remote control, go to  → [Picture] → [Select Mode] and set the mode to [APS], go to [Advanced Settings] → [Brightness] and set [OLED Pixel Brightness] to a lower level. In addition, press the  button on the remote control, go to  → [General] → [OLED Care] → [OLED Panel Care] and set the [Adjust Logo Brightness] value to [High].

When showing images with black bars at the top/bottom/left/right side of the screen, press the  button on the remote control, press  , and go to [Picture] → [Aspect Ratio] → [User Selection] → [Vertical Zoom] or [4-Way Zoom] to remove the black bars.

Turn off the menus for setting up devices such as set-top boxes so that they are not displayed on the screen for a long time.

Note

- When the screen is showing one fixed image for a long time, the screen brightness will be automatically reduced and then restored once the screen content changes. This is a normal function to minimise image retention.

Regulatory

FCC NOTICE

(For USA)

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 and For indoor use only, use outdoors or in other modes not covered by this manual may violate the FCC regulation and violate the user authority to use the product.

FCC Radio Frequency Interference Requirements (for UNII devices)

(For USA)

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.

FCC RF Radiation Exposure Statement

(For USA)

(For having wireless function (WLAN, Bluetooth,...))

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.

Industry Canada Statement

(For Canada)

(For having wireless function (WLAN, Bluetooth,...))

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement

(For Canada)

(For having wireless function (WLAN, Bluetooth,...))

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna & your body.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

RSS-247 Requirement

(For Canada)

(For product having the wireless function using 5 GHz frequency bands)

- (1) The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (2) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit;
- (3) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and
- (4) (For devices operating in the band 5250-5350 MHz having an e.i.r.p. greater than 200 mW) Antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 of RSS-247 shall be clearly indicated.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

NOTE TO CABLE/TV INSTALLER

(For USA and Canada)

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.



WARNING! (STABILITY HAZARD)

A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- ALWAYS use cabinets or stands or mounting methods recommended by the manufacturer of the television set.
- ALWAYS use furniture that can safely support the television set.
- ALWAYS ensure the television set is not overhanging the edge of the supporting furniture.
- ALWAYS educate children about the dangers of climbing on furniture to reach the television set or its controls.
- ALWAYS route cords and cables connected to your television so they cannot be tripped over, pulled or grabbed.
- NEVER place a television set in an unstable location.
- NEVER place the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- NEVER place the television set on cloth or other materials that may be located between the television set and supporting furniture.
- NEVER place items that might tempt children to climb, such as toys and remote controls, on the top of the television or furniture on which the television is placed.

If the existing television set is going to be retained and relocated, the same considerations as above should be applied.

Symbols

	Refers to alternating current (AC).		Refers to stand-by.
	Refers to direct current (DC).		Refers to "ON" (power).
	Refers to class II equipment.		Refers to dangerous voltage.

LG Take-back & Recycling Policy

(For USA)

LG Electronics offers a customized e-waste take-back & recycling service that meets local needs and requirements in the countries where e-waste regulations are in place, and also provides product take-back & recycling service voluntarily in some regions. LG Electronics evaluates products' recyclability at the design step selectively, with the goal of improving recyclability where practicable. Through these activities, LG Electronics seeks to contribute to conserving natural resources and protecting the environment. For more information, please visit our global site at <https://www.lg.com/recycling>

CHILD SAFETY:

PROPER TELEVISION PLACEMENT MATTERS

THE CONSUMER TECHNOLOGY INDUSTRY CARES

Manufacturers, retailers and the rest of the consumer technology industry are committed to making products safe and enjoyable. As you enjoy your television, please note that all televisions – new and old- must be supported on proper stands or installed according to the manufacturer's recommendations. Televisions that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests, carts, etc., may fall over, resulting in injury.



TUNE IN TO SAFETY

- **NEVER** allow children to climb on or play on the television or the furniture on which the television is placed.
- **NEVER** place the television on furniture that can easily be used as steps, such as a chest of drawers.
- **ALWAYS** follow the manufacturer's recommendations for the safe installation of your television.
- **ALWAYS** read and follow all instructions for proper use of your television.
- **ALWAYS** install the television where it cannot be pushed, pulled over or knocked down.
- **ALWAYS** route cords and cables connected to the television so that they cannot be tripped over, pulled or grabbed.



WALL OR CEILING MOUNT YOUR TELEVISION

- **ALWAYS** contact your retailer about professional installation if you have any doubts about your ability to safely mount your television.
- **ALWAYS** use a mount that has been recommended by the television manufacturer and has a safety certification by a Nationally Recognized Testing Laboratory (NRTL).
- **ALWAYS** follow all instructions supplied by the television and mount manufacturers.
- **ALWAYS** make sure that the wall or ceiling where you are mounting the television is appropriate. Use proper anchoring systems for different wall or ceiling types (e.g. wood, concrete, metal, etc.). If you are unsure, contact a professional installer.
- Televisions can be heavy. A minimum of two people is required for a wall or ceiling mount installation.



MOVING AN OLDER TELEVISION TO A NEW PLACE IN YOUR HOME

- **REMEMBER** Special care should be made in the placement of older CRT/flat-panel televisions. Many new television buyers move their older CRT/flat-panel televisions into a secondary room after the purchase of a flat-panel television.
- **NEVER** place your older CRT/flat-panel television on a dresser where children may be tempted to use the drawers to climb.
- **ALWAYS** place your older CRT/flat-panel television on furniture that is sturdy and appropriate for its size and weight.
- **ALWAYS** make sure your older CRT/flat-panel television does not hang over the edge of your furniture.



OWNER'S MANUAL

EXTERNAL CONTROL DEVICE SETUP

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

KEY CODES

- This feature is not available for all models.

Code (Hexa)	Function	Note	Code (Hexa)	Function	Note
00	CH +, PR +	R/C Button	53	List	R/C Button
01	CH -, PR -	R/C Button	5B	Exit	R/C Button
02	Volume +	R/C Button	60	PIP(AD)	R/C Button
03	Volume -	R/C Button	61	Blue	R/C Button
06	> (Arrow Key / Right Key)	R/C Button	63	Yellow	R/C Button
07	< (Arrow Key / Left Key)	R/C Button	71	Green	R/C Button
08	Power	R/C Button	72	Red	R/C Button
09	Mute	R/C Button	79	Ratio / Aspect Ratio	R/C Button
0B	Input	R/C Button	91	AD (Audio Description)	R/C Button
0E	SLEEP	R/C Button	9E	LIVE MENU	R/C Button
0F	TV, TV/RAD	R/C Button	7A	User Guide	R/C Button
10 - 19	* Number Key 0 - 9	R/C Button	7C	Smart / Home	R/C Button
1A	Q.View / Flashback	R/C Button	7E	SIMPLINK	R/C Button
1E	FAV (Favorite Channel)	R/C Button	8E	▶▶ (Forward)	R/C Button
20	Text (Teletext)	R/C Button	8F	◀◀ (Rewind)	R/C Button
21	T. Opt (Teletext Option)	R/C Button	AA	Info	R/C Button
28	Return (BACK)	R/C Button	AB	Program Guide	R/C Button
30	AV (Audio / Video) Mode	R/C Button	B0	▶ (Play)	R/C Button
39	Caption/Subtitle	R/C Button	B1	■ (Stop / File List)	R/C Button
40	∧ (Arrow Key / Cursor Up)	R/C Button	B5	RECENT	R/C Button
41	∨ (Arrow Key / Cursor Down)	R/C Button	BA	(Freeze / Slow Play / Pause)	R/C Button
42	My Apps	R/C Button	BB	Soccer	R/C Button
43	Menu / Settings	R/C Button	BD	● (REC)	R/C Button
44	OK / Enter	R/C Button	DC	3D	R/C Button
45	Q.Menu	R/C Button	99	AutoConfig	R/C Button
4C	List, -	R/C Button	9F	App / *	R/C Button
4D	PICTURE	R/C Button	9B	TV / PC	R/C Button
52	SOUND	R/C Button			

* Key code 4C (0x4C) is available on ATSC/ISDB models which use major/minor channel.
(For South Korea, Japan, North America, Latin America except Colombia models)

EXTERNAL CONTROL DEVICE SETUP

- Image shown may differ from your TV.

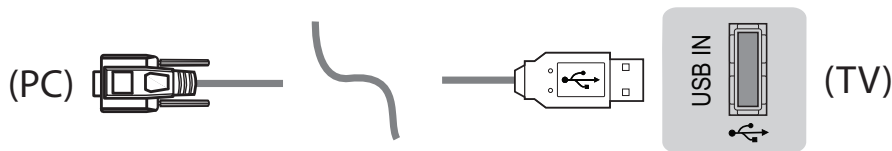
Connect the USB to Serial(RS-232C) converter/RS-232C(Serial) input jack to an external control device (such as a computer or an A/V control system) to control the product's functions externally.

Note: The type of control port on the TV can be different between model series.

- * Please be advised that not all models support this type of connectivity.
- * Cable is not provided.

USB to Serial(RS-232C) converter with USB Cable

USB Type



- LGTV supports PL2303 chip-based (Vendor ID : 0x0557, Product ID : 0x2008) USB to serial(RS-232C) converter which is not made nor provided by LG.
- It can be purchased from computer stores that carry accessories for IT support professionals.

RS-232C(Serial) With RS-232C(Serial) Cable

DE9 (D-Sub 9pin) Type

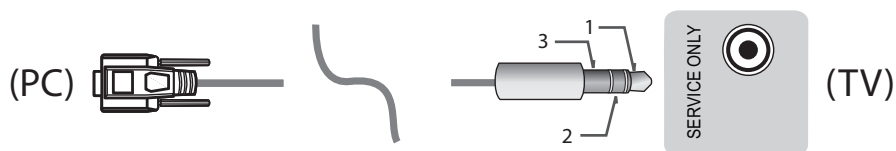
- You need to purchase the RS-232C (DE9, D-Sub 9pin female-to-female type) to RS-232C(Serial) cable required for the connection between the PC and the TV, which is specified in the manual.



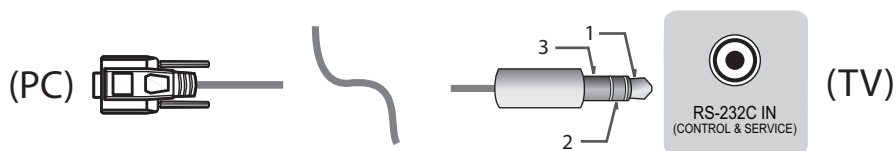
The connection interface may differ from your TV.

Phone jack Type

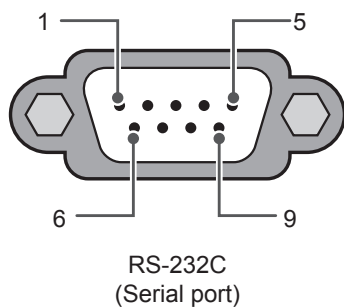
- You need to purchase the phone-jack to RS-232 cable required for the connection between the PC and the TV, which is specified in the manual.
- For other models, connect to the USB port.
- The connection interface may differ from your TV.



- or

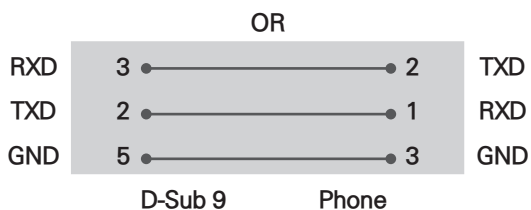
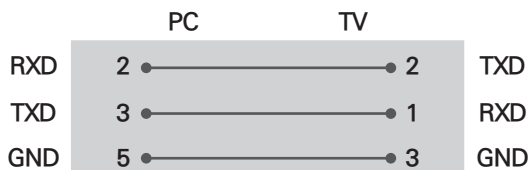


Customer Computer



RS-232C configurations

3-Wire Configurations(Not standard)



Set ID

For Set ID number, see "Real Data Mapping" on p.6

- Press **SETTINGS** to access the main menus.
- Press the Navigation buttons to scroll to (***General** → **About this TV or OPTION**) and press **OK**.
- Press the Navigation buttons to scroll to **SET ID** and press **OK**.
- Scroll left or right to select a set ID number and select **CLOSE**. The adjustment range is 1-99.
- When you are finished, press **EXIT**.
* (Depending on model)

Communication Parameters

- Baud rate : 9600 bps (UART)
- Data length : 8 bits
- Parity : None
- Stop bit : 1 bit
- Communication code : ASCII code
- Use a crossed (reverse) cable.

Command reference list

(Depending on model)

	COMMAND1	COMMAND2	DATA (Hexadecimal)		COMMAND1	COMMAND2	DATA (Hexadecimal)
01. Power*	k	a	00 to 01	15. Balance	k	t	00 to 64
02. Aspect Ratio	k	c	(p.7)	16. Color (Colour) Temperature	x	u	00 to 64
03. Screen Mute	k	d	(p.7)	17. ISM Method (Only Plasma TV)	j	p	(p.8)
04. Volume Mute	k	e	00 to 01	18. Equalizer	j	v	(p.9)
05. Volume Control	k	f	00 to 64	19. Energy Saving	j	q	00 to 05
06. Contrast	k	g	00 to 64	20. Tune Command	m	a	(p.9)
07. Brightness	k	h	00 to 64	21. Channel (Programme) Add/Del(Skip)	m	b	00 to 01
08. Color/ Colour	k	i	00 to 64	22. Key	m	c	Key Codes
09. Tint	k	j	00 to 64	23. Control Backlight, Control Panel Light	m	g	00 to 64
10. Sharpness	k	k	00 to 32	24. Input select (Main)	x	b	(p.11)
11. OSD Select	k	l	00 to 01	25. 3D (Only 3D models)	x	t	(p.11)
12. Remote Control Lock Mode	k	m	00 to 01	26. Extended 3D (Only 3D models)	x	v	(p.12)
13. Treble	k	r	00 to 64	27. Auto Configure	j	u	(p.12)
14. Bass	k	s	00 to 64				

* Note: During playing or recording media, all commands except Power (ka) and Key (mc) are not executed and treated as NG.

With RS232C cable, TV can communicate "ka command" in power-on or power-off status. but with USB-to-Serial converter cable, the command works only if TV is on.

Transmission / Receiving Protocol

Transmission

[Command1][Command2][][Set ID][][Data][Cr]

[Command 1] : First command to control the TV. (j, k, m or x)

[Command 2] : Second command to control the TV.

[Set ID] : You can adjust the [Set ID] to choose desired monitor ID number in option menu.
Adjustment range in TV is 1 to 99. If [Set ID] value is selected to '0', every connected set can be controlled.
* [Set ID] is indicated as decimal (1 to 99) on menu and as Hexadecimal (0x00 to 0x63) on transmission/receiving protocol.

[DATA] : To transmit command data (hexadecimal). Transmit 'FF' data to read status of command.

[Cr] : Carriage Return - ASCII code '0x0D'

[] : Space - ASCII code '0x20'

OK Acknowledgement

[Command2][][Set ID][][OK][Data][x]

* The set transmits ACK (acknowledgement) based on this format when receiving normal data. At this time, if the data is data read mode, it indicates present status data. If the data is data write mode, it returns the data of the PC computer.

Error Acknowledgement

[Command2][][Set ID][][NG][Data][x]

* The set transmits ACK (acknowledgement) based on this format when receiving abnormal data from non-viable functions or communication errors.

Data 00: Illegal Code

Real data mapping (Hexadecimal to Decimal)

* When you enter the [data] in hexadecimal, refer to following conversion table.

* Channel Tune (ma) Command uses two-byte hexadecimal value([data]) to select channel number.

00 : Step 0	32 : Step 50 (Set ID 50)	FE : Step 254
01 : Step 1 (Set ID 1)	33 : Step 51 (Set ID 51)	FF : Step 255
...
0A : Step 10 (Set ID 10)	63 : Step 99 (Set ID 99)	01 00 : Step 256
...
0F : Step 15 (Set ID 15)	C7 : Step 199	27 0E : Step 9998
10 : Step 16 (Set ID 16)	C8 : Step 200	27 0F : Step 9999
...

* Commands may work differently depending on model and signal.

01. Power (Command: k a)

- To control Power *On or Off of the set.

Transmission [k][a][][Set ID][][Data][Cr]

Data 00 : Power Off 01 : *Power On

Ack [a][][Set ID][][OK/NG][Data][x]

- To Show TV is Power On or *Off

Transmission [k][a][][Set ID][][FF][Cr]

Ack [a][][Set ID][][OK][Data][x]

* Similarly, if other functions transmit 'FF' data based on this format, Acknowledgement feedback presents status about each function.

02. Aspect Ratio (Command: k c)

(Main Picture Size)

- To adjust the screen format. (Main picture format)
You can also adjust the screen format using the Aspect Ratio in the Q.MENU. or PICTURE menu.

Transmission [k][c][][Set ID][][Data][Cr]

Data 01 : Normal screen (4:3)	07 : 14:9 (Europe, Colombia, Mid-East, Asia except South Korea and Japan)
02 : Wide screen (16:9)	09 : * Just Scan
04 : Zoom	0B : Full Wide (Europe, Colombia, Mid-east except Colombia Only)
05 : Zoom 2 (Latin America)	10 to 1F : Cinema Zoom 1 to 16 Original
06 : Set by Program/	0c : 21:9 (Depending on model)

Ack [c][][Set ID][][OK/NG][Data][x]

- * Using the PC input, you select either 16:9 or 4:3 screen aspect ratio.
- * In DTV/HDMI/Component mode (high-definition), Just Scan is available.
- * Full wide mode may work differently based on model and is supported for DTV fully, and ATV, AV partially.

03. Screen Mute (Command: k d)

- To select screen mute on/off.

Transmission [k][d][][Set ID][][Data][Cr]

Data 00 : Screen mute off (Picture on)
Video mute off
01 : Screen mute on (Picture off)
10 : Video mute on

Ack [d][][Set ID][][OK/NG][Data][x]

* In case of video mute on only, TV will display On Screen Display(OSD). But, in case of Screen mute on, TV will not display OSD.

04. Volume Mute (Command: k e)

- To control volume mute on/off.

You can also adjust mute using the MUTE button on remote control.

Transmission [k][e][][Set ID][][Data][Cr]

Data 00 : Volume mute on (Volume off)
01 : Volume mute off (Volume on)

Ack [e][][Set ID][][OK/NG][Data][x]

05. Volume Control (Command: k f)

- To adjust volume.

You can also adjust volume with the volume buttons on remote control.

Transmission [k][f][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [f][][Set ID][][OK/NG][Data][x]

06. Contrast (Command: k g)

- To adjust screen contrast.

You can also adjust contrast in the PICTURE menu.

Transmission [k][g][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [g][][Set ID][][OK/NG][Data][x]

07. Brightness (Command: k h)

- To adjust screen brightness.

You can also adjust brightness in the PICTURE menu.

Transmission [k][h][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [h][][Set ID][][OK/NG][Data][x]

08. Color/Colour (Command: k i)

- To adjust the screen Color(Colour).
You can also adjust colour in the PICTURE menu.

Transmission [k][i][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [i][][Set ID][][OK/NG][Data][x]

09. Tint (Command: k j)

- To adjust the screen tint.
You can also adjust tint in the PICTURE menu.

Transmission [k][j][][Set ID][][Data][Cr]

Data Red : 00 to Green : 64

Ack [j][][Set ID][][OK/NG][Data][x]

10. Sharpness (Command: k k)

- To adjust the screen sharpness.
You can also adjust sharpness in the PICTURE menu.

Transmission [k][k][][Set ID][][Data][Cr]

Data Min : 00 to Max : 32

Ack [k][][Set ID][][OK/NG][Data][x]

11. OSD Select (Command: k l)

- To select OSD (On Screen Display) on/off when controlling remotely.

Transmission [k][l][][Set ID][][Data][Cr]

Data 00 : OSD off 01 : OSD on

Ack [l][][Set ID][][OK/NG][Data][x]

12. Remote control lock mode (Command: k m)

- To lock the front panel controls on the monitor and remote control.

Transmission [k][m][][Set ID][][Data][Cr]

Data 00 : Lock off 01 : Lock on

Ack [m][][Set ID][][OK/NG][Data][x]

- * If you are not using the remote control, use this mode.
When main power is off & on (plug-off and plug-in, after 20 - 30 seconds), external control lock is released.
- * In the standby mode (DC off by off timer or 'ka', 'mc' command), and if key lock is on, TV will not turn on by power on key of IR & Local Key.

13. Treble (Command: k r)

- To adjust treble.
You can also adjust in the AUDIO menu.

Transmission [k][r][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [r][][Set ID][][OK/NG][Data][x]

* (Depending on model)

14. Bass (Command: k s)

- To adjust Bass.
You can also adjust in the AUDIO menu.

Transmission [k][s][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [s][][Set ID][][OK/NG][Data][x]

* (Depending on model)

15. Balance (Command: k t)

- To adjust balance.
You can also adjust balance in the AUDIO menu.

Transmission [k][t][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [t][][Set ID][][OK/NG][Data][x]

16. Color(Colour) Temperature (Command: x u)

- To adjust colour temperature. You can also adjust Color(Colour) Temperature in the PICTURE menu.

Transmission [x][u][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [u][][Set ID][][OK/NG][Data][x]

17. ISM Method (Command: j p) (Only Plasma TV)

- To control the ISM method. You can also adjust ISM Method in OPTION menu.

Transmission [j][p][][Set ID][][Data][Cr]

Data Min : 02: Orbiter

08: Normal

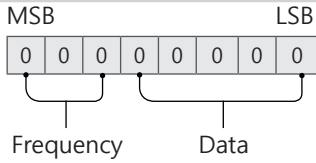
20: Color(Colour) Wash

Ack [p][][Set ID][][OK/NG][Data][x]

18. Equalizer (Command : j v)

- Adjust EQ of the set.

Transmission [j][v][][Set ID][][Data][Cr]



7	6	5	Frequency	4	3	2	1	0	Step
0	0	0	1st Band	0	0	0	0	0	0(decimal)
0	0	1	2nd Band	0	0	0	0	1	1(decimal)
0	1	0	3rd Band
0	1	1	4th Band	1	0	0	1	1	19(decimal)
1	0	0	5th Band	1	0	1	0	1	20(decimal)

Acknowledgement [v][][Set ID][][OK/NG][Data][x]

* It depends on model, and can adjust when sound mode is EQ adjustable value.

19. Energy Saving (Command: j q)

- To reduce the power consumption of the TV. You can also adjust Energy Saving in PICTURE menu.

Transmission [j][q][][Set ID][][Data][Cr]

Data

- 00 : Off
- 01 : Minimum
- 02 : Medium
- 03 : Maximum
- 04 : Auto (For LCD TV / LED TV) / Intelligent sensor (For PDP TV)
- 05 : Screen off

* (Depending on model)

Ack [q][][Set ID][][OK/NG][Data][x]

20. Tune Command (Command: m a)

* This command may work differently depending on model and signal.

- For Europe, Mid-East, Colombia, Asia except South Korea and Japan Model

- Select channel to following physical number.

Transmission [m][a][][Set ID][][Data 00][][Data 01][][Data 02][Cr]

* Analog Antenna/Cable

[Data 00][Data 01] Channel Data

Data 00 : High byte channel data

Data 01 : Low byte channel data

- 00 00 ~ 00 C7 (Decimal : 0 ~ 199)

Data 02 : Input Source (Analog)

- 00 : Antenna TV (ATV)

- 80 : Cable TV (CATV)

* Digital Antenna/Cable/Satellite

[Data 00][Data 01]: Channel Data

Data 00 : High Channel data

Data 01 : Low Channel data

- 00 00 ~ 27 0F (Decimal: 0 ~ 9999)

Data 02 : Input Source (Digital)

- 10 : Antenna TV (DTV)

- 20 : Antenna Radio (Radio)

- 40 : Satellite TV (SDTV)

- 50 : Satellite Radio (S-Radio)

- 90 : Cable TV (CADTV)

- a0 : Cable Radio (CA-Radio)

* Tune Command Examples:

1. Tune to the Analog antenna (PAL) Channel 10.

Set ID = All = 00

Data 00 & 01 = Channel Data is 10 = 00 0a

Data 02 = Analog Antenna TV = 00

Result = **ma 00 00 0a 00**

2. Tune to the digital antenna (DVB-T) Channel 01.

Set ID = All = 00

Data 00 & 01 = Channel Data is 1 = 00 01

Data 02 = Digital Antenna TV = 10

Result = **ma 00 00 01 10**

3. Tune to the satellite (DVB-S) Channel 1000.

Set ID = All = 00

Data 00 & 01 = Channel Data is 1000 = 03 E8

Data 02 = Digital Satellite TV = 40

Result = **ma 00 03 E8 40**

Ack [a][][Set ID][][OK][Data 00][Data 01]

[Data 02][x][a][][Set ID][][NG][Data 00][x]

- For South Korea, North/Latin America except Colombia Model

- To tune channel to following physical/major/minor number.

Transmission [m][a][][0][][Data 00][][Data 01]

[][Data 02][][Data 03][][Data 04][][Data 05][Cr]

Digital channels have a Physical, Major, and Minor channel number. The Physical number is the actual digital channel number, the Major is the number that the channel should be mapped to, and the Minor is the sub-channel. Since the ATSC tuner automatically maps the channel from the Major / Minor number, the Physical number is not required when sending a command in Digital.

* Analog Antenna/Cable

Data 00 : Physical Channel Number

- Antenna (ATV) : 02~45 (Decimal: 2 ~ 69)
- Cable (CATV) : 01, 0E~7D (Decimal : 1, 14~125)

[Data 01 ~ 04]: Major/Minor Channel Number

Data 01 & 02: xx (Don't care)

Data 03 & 04: xx (Don't care)

Data 05: Input Source (Analog)

- 00 : Antenna TV (ATV)
- 01 : Cable TV (CATV)

* Digital Antenna/Cable

Data 00 : xx (Don't care)

[Data 01][Data 02]: Major Channel Number

Data 01 : High byte Channel Data

Data 02 : Low byte Channel Data

- 00 01 ~ 27 0F (Decimal: 1 ~ 9999)

[Data 03][Data 04]: Minor Channel Number

Data 03 : High byte Channel Data

Data 04 : Low byte Channel Data

Data 05 : Input Source (Digital)

- 02 : Antenna TV (DTV) – Use Physical Channel Number
- 06 : Cable TV (CADTV) – Use Physical Channel Number
- 22 : Antenna TV (DTV) – Don't Use Physical Channel Number
- 26 : Cable TV (CADTV) - Don't Use Physical Channel Number
- 46 : Cable TV (CADTV) – Use Physical/Major Channel Number Only (One Part Channel)
- 66 : Cable TV (CADTV) – Use Major Channel Number Only (One Part Channel)
- 0b : Cable DTV Plus – Use Physical Channel Number
- 2b : Cable DTV Plus – Don't Use Physical Channel Number
- 4b : Cable DTV Plus – Use Physical/Major Channel Number Only (One Part Channel)
- 6b : Cable DTV Plus – Use Major Channel Number Only (One Part Channel)

Two bytes are available for each major and minor channel data, but usually the low byte is used alone (high byte is 0).

* Tune Command Examples:

1. Tune to the Analog cable (NTSC) channel 35.

Set ID = All = 00

Data 00 = Channel Data is 35 = 23

Data 01 & 02 = No Major = 00 00

Data 03 & 04 = No Minor = 00 00

Data 05 = Analog Cable TV = 01

Total = **ma 00 23 00 00 00 00 01**

2. Tune to the digital antenna (ATSC) channel 30-3.

Set ID = All = 00

Data 00 = Don't know Physical = 00

Data 01 & 02 = Major is 30 = 00 1E

Data 03 & 04 = Minor is 3 = 00 03

Data 05 = Digital Antenna TV = 22

Total = **ma 00 00 00 1E 00 03 22**

Ack [a][][Set ID][][OK][Data 00][Data 01]

[Data 02][Data 03][Data 04][Data 05]

[x][a][][Set ID][][NG][Data 00][x]

• For Japan Model

- To tune channel to following physical/major/minor number.

Transmission [m][a][][0][][Data00][][Data01]

[][Data02][][Data03][][Data04][][Data05][Cr]

* Digital Antenna/Satellite

Data 00: xx (Don't care)

[Data 01][Data 02]: Major Channel Number

Data 01: High byte Channel Data

Data 02: Low byte Channel Data

- 00 01 ~ 27 0F (Decimal: 1 ~ 9999)

[Data 03][Data 04]: Minor/Branch Channel Number
(Don't care in Satellite)

Data 03: High byte Channel Data

Data 04: Low byte Channel Data

Data 05 : Input Source (Digital/Satellite for Japan)

- 02 : Antenna TV (DTV)
- 42 : Antenna TV (DTV) – Use Physical/Major Channel Number Only (One Part Channel)
- 62 : Antenna TV (DTV) – Use Major Channel Number Only (One Part Channel)
- 07 : BS (Broadcasting Satellite)
- 08 : CS1 (Communication Satellite 1)
- 09 : CS2 (Communication Satellite 2)

* Tune Command Examples:

1. Tune to the digital antenna (ISDB-T) channel 17-1.

Set ID = All = 00

Data 00 = Don't know Physical = 00

Data 01 & 02 = Major is 17 = 00 11

Data 03 & 04 = Minor/Branch is 1 = 00 01

Data 05 = Digital Antenna TV = 02

Total = **ma 00 00 00 11 00 01 02**

2. Tune to the BS (ISDB-BS) channel 30.

Set ID = All = 00

Data 00 = Don't know Physical = 00

Data 01 & 02 = Major is 30 = 00 1E

Data 03 & 04 = Don't Care = 00 00

Data 05 = Digital BS TV = 07

Total = **ma 00 00 00 1E 00 00 07**

* This feature is varied based on the model.

Ack [a][][Set ID][][OK][Data 00][Data 01]

[Data 02][Data 03][Data 04][Data 05]

[x][a][][Set ID][][NG][Data 00][x]

21. Channel(Programme) Add/Del(Skip)

(Command: m b)

► To skip current channel(programme) for next time.

Transmission [m][b][][Set ID][][Data][Cr]

Data 00 : Del(ATSC,ISDB)/Skip(DVB) 01 : Add

Ack [b][][Set ID][][OK/NG][Data][x]

* Set the saved channel status to del(ATSC, ISDB)/skip(DVB) or add.

22. Key (Command: m c)

► To send IR remote key code.

Transmission [m][c][][Set ID][][Data][Cr]

Data Key code - p.2.

Ack [c][][Set ID][][OK/NG][Data][x]

23. Control Backlight (Command: m g)

• For LCD TV / LED TV

► To control the backlight.

Transmission [m][g][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [g][][Set ID][][OK/NG][Data][x]

Control Panel Light (Command: m g)

• For Plasma TV

► To control the panel light.

Transmission [m][g][][Set ID][][Data][Cr]

Data Min : 00 to Max : 64

Ack [g][][Set ID][][OK/NG][Data][x]

24. Input select (Command: x b)

(Main Picture Input)

► To select input source for main picture.

Transmission [x][b][][Set ID][][Data][Cr]

Data

00 : DTV 01 : CADTV

02 : Satellite DTV 10 : ATV

ISDB-BS (Japan)

03 : ISDB-CS1 (Japan)

04 : ISDB-CS2 (Japan)

11 : CATV

20 : AV or AV1 21 : AV2

40 : Component1 41 : Component2

60 : RGB

90 : HDMI1 91 : HDMI2

92 : HDMI3 93 : HDMI4

Ack [b][][Set ID][][OK/NG][Data][x]

* This function depends on model and signal.

25. 3D(Command: x t) (only 3D models)

(Depending on model)

► To change 3D mode for TV.

Transmission [x][t][][Set ID][][Data 00][][Data 01]

[][Data 02][][Data 03][Cr]

* (Depending on model)

Data Structure

[Data 00] 00 : 3D On

01 : 3D Off

02 : 3D to 2D

03 : 2D to 3D

[Data 01] 00 : Top and Bottom

01 : Side by Side

02 : Check Board

03 : Frame Sequential

04 : Column interleaving

05 : Row interleaving

[Data 02] 00 : Right to Left

01 : Left to Right

[Data 03] 3D Effect(3D Depth): Min : 00 - Max : 14
(*transmit by Hexadecimal code)

- * [Data 02], [Data 03] functions depend on model and signal.
- * If [Data 00] is 00 (3D On), [Data 03] has no meaning.
- * If [Data 00] is 01 (3D off) or 02 (3D to 2D), [Data 01], [Data 02] and [Data 03] have no meaning.
- * If [Data 00] is 03 (2D to 3D), [Data 01] and [Data 02] have no meaning.
- * If [Data 00] is 00 (3D On) or 03 (2D to 3D), [Data 03] works when 3D Mode (Genre) is manual only.
- * All 3D pattern options ([Data 01]) may not be available according to broadcasting/video signal.

[Data 00]	[Data 01]	[Data 02]	[Data 03]
00	O	O	O
01	X	X	X
02	X	X	X
03	X	O	O

X : don't care

Ack [t][][Set ID][][OK][Data00][Data01][Data02]

[Data03][x]

[t][][Set ID][][NG][Data00][x]

26. Extended 3D(Command: x v) (only 3D models) (Depending on model)

- To change 3D option for TV.

Transmission [x][v][][Set ID][][Data 00][]

[Data 01][Cr]

[Data 00] 3D option

- 00 : 3D Picture Correction
- 01 : 3D Depth (3D Mode is Manual Only)
- 02 : 3D Viewpoint
- 06 : 3D Color Correction
- 07 : 3D Sound Zooming
- 08 : Normal Image View
- 09 : 3D Mode (Genre)

[Data 01] It has own range for each 3D option determined by [Data 00].

1) When [Data 00] is 00

- 00 : Right to Left
- 01 : Left to Right

2) When [Data 00] is 01, 02

Data Min: 0 - Max: 14 (*transmit by Hexadecimal code)

Data value range(0 - 20) converts Viewpoint range (-10 - +10) automatically (Depending on model)

- * This option works when 3D Mode (Genre) is manual only.

3) When [Data 00] is 06, 07

- 00 : Off
- 01 : On

4) When [Data 00] is 08

- 00 : Revert to 3D video from 3D-to-2D converted 2D video
- 01 : Change 3D video to 2D video, except 2D-to-3D video

- * If conversion condition doesn't meet, command is treated as NG.

5) When [Data 00] is 09

- 00 : Standard
- 01 : Sport
- 02 : Cinema
- 03 : Extreme
- 04 : Manual
- 05 : Auto

Ack [v][][Set ID][][OK][Data00][Data01][x]

[v][][Set ID][][NG][Data00][x]

27. Auto Configure (Command: j u) (Depending on model)

- To adjust picture position and minimize image shaking automatically. It works only in RGB (PC) mode.

Transmission [j][u][][Set ID][][Data][Cr]

Data 01 : To set Auto Configure

Ack [u][][Set ID][][OK/NG][Data][x]





OWNER'S MANUAL

WIRELESS

SOUND BAR

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

Model

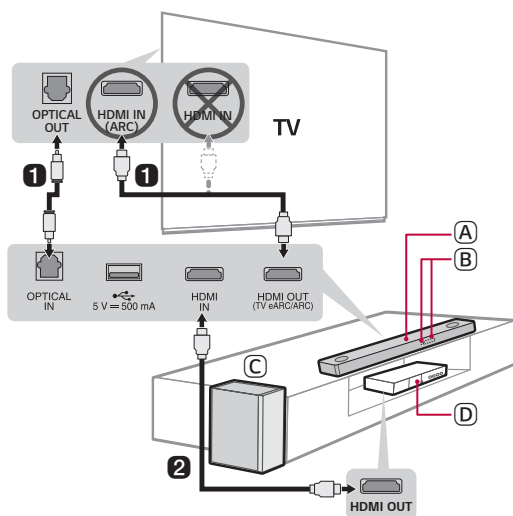
S75Q (S75Q, SPQ7-W)

S75Q (S75Q, SPQ7B-W)

Sound Bar Quick Guide

| Installing and using the Product


- 1** Connect the sound bar to your TV via an optical cable or an HDMI cable.








- (A) Sound bar
- (B) Remote Control Receiver / Status Display
- (C) Wireless Subwoofer - Install it close to the sound bar.
- (D) External Device - (Blu-ray player, game console, etc.)

- ② If you are using an external device (ex. Blu-ray player, game console, etc.), connect it to the sound bar via an HDMI cable.
- ③ Connect to power in the following order: wireless subwoofer → sound bar. Then, turn on the sound bar. When the connection is automatically established with the sound bar, the LED on the wireless subwoofer will light up in green. (→ See "Connecting the Product" on page 6.)

④ Using the product with your TV (→ See "Connecting with an Optical Cable", "Connecting with LG Sound Sync (Wireless)", "Connecting with an HDMI Cable" on page 28, 30, 31.)

- 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**", "**ARC**", or "**E-ARC**" will appear on the status display with a sound.

⑤ Connecting the product to your smartphone via Bluetooth (→ See "Connecting via Bluetooth" on page 36.)

- 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 S75Q (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**".

⑥ Connecting to the LG Sound Bar app (→ See "Connecting with a Smartphone via LG Sound Bar app" on page 39.)

- 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 (→ See “Connecting the wireless subwoofer manually” on page 8.)

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 disconnected wireless subwoofer. Check if 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.

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Installation

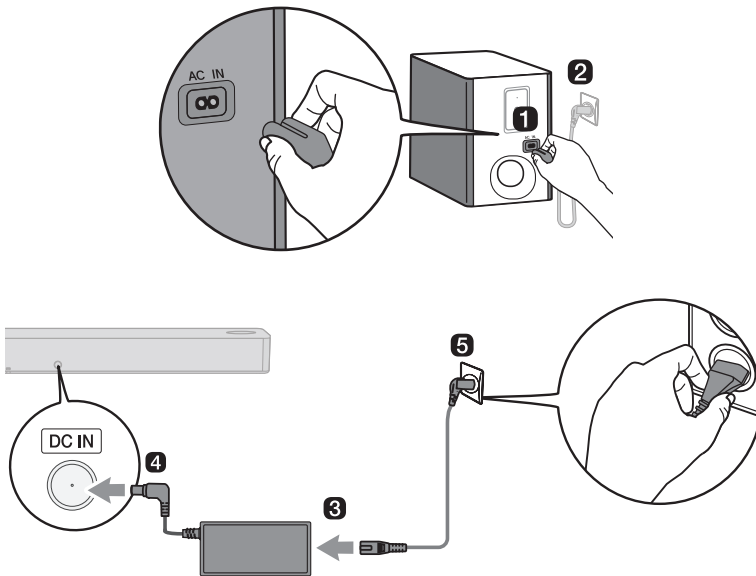
Connecting the Product

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

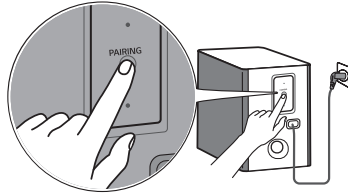
You can check the connection status by looking at the LED on the back of the wireless subwoofer.

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:

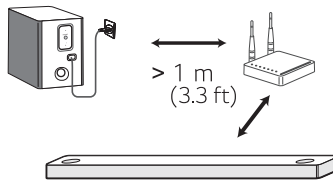
- 1 Press the **Power** (⏻) button on the sound bar to turn it off.
- 2 Press the **PAIRING** button on the back of the wireless subwoofer. Check if the LED on the back of the subwoofer is blinking green. If you still see a red LED on the wireless subwoofer, press and hold the button on the back of the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

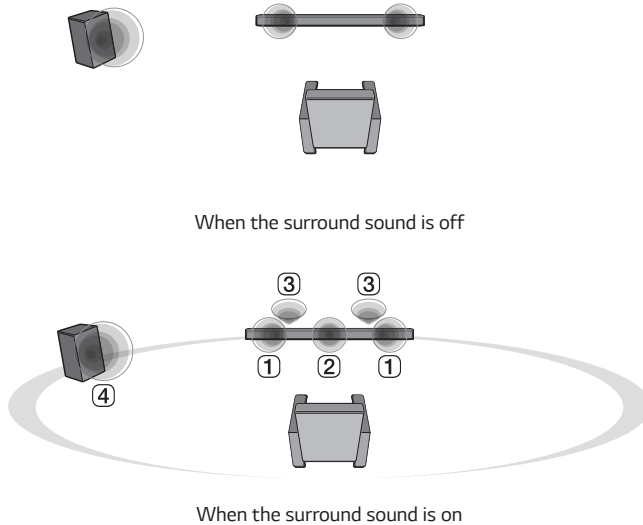
✓ Note

- 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.).



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, you can hear the following difference.




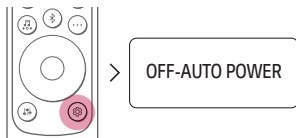
✓ Note

- Speaker positions are as follows.

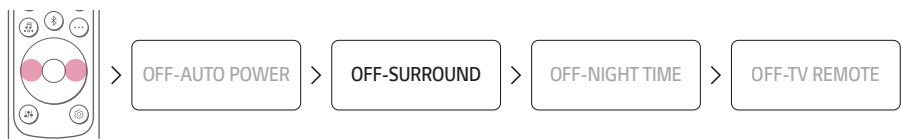
- ① Front speakers
 - ② Center speaker
 - ③ Top speakers
 - ④ Subwoofer
-

Setting up surround sound

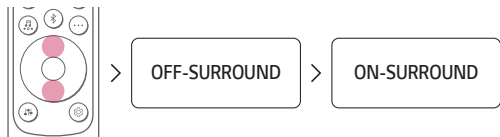
- 1 Press **Settings**  button. The product enters the setting mode and you can see “**OFF-AUTO POWER**” or “**ON-AUTO POWER**”.



- 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**”.



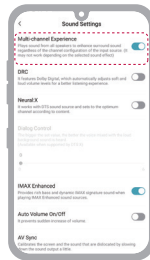
- 3 While the “**OFF-SURROUND**” or “**ON-SURROUND**” is scrolling in the status display, press **Up/Down** button to turn on or off the surround sound.



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
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
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
GAME	
Optimized sound for game	
2.0 channels	
5.1 channels or more	
BASS BLAST (BASS BLAST+)	
Sound with reinforced bass	
2.0 channels	
5.1 channels or more	

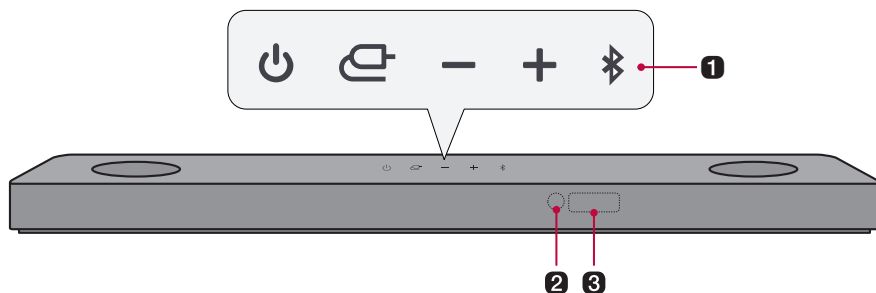
Multi-channel Experience OFF

Sound Effects	
Input	Output
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
GAME	
Optimized sound for game	
2.0 channels	
5.1 channels or more	
BASS BLAST (BASS BLAST+)	
Sound with reinforced bass	
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.

- OPT/HDMI ARC: Connects the product to a TV that supports an optical cable, ARC, E-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 36.)

It allows you to pair your LG TV to this product for three minutes. (→ See "Connecting with LG Sound Sync (Wireless)" on page 30.)

2 Remote Control Receiver

This receives wireless signals from the remote control.

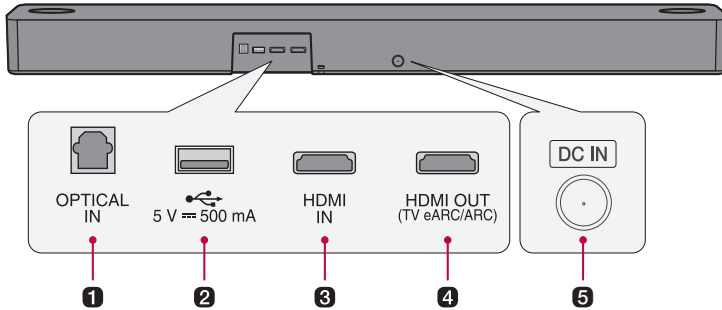
3 Status display

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 26.)

✔ **Note**

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



1 OPTICAL IN

Plug in an optical cable to connect the TV to the product.

2 USB port

Plug in a USB storage device to play music with the product.

3 HDMI IN

Plug in an HDMI cable to connect an external device to the product.

4 HDMI OUT (TV eARC/ARC)

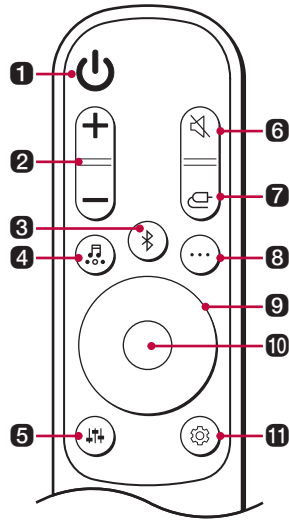
Plug in an HDMI cable to connect the TV to the product.

5 DC IN

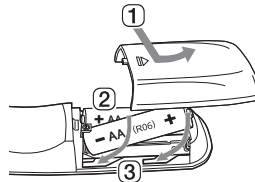
Plug in the AC adapter with the product.

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 36.)


It allows you to pair your LG TV to this product for three minutes. (→ See "Connecting with LG Sound Sync (Wireless)" on page 30.)

4 Sound Effects

Press the button to select the desired sound field.

- 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
 - BASS BLAST (BASS BLAST+): Bass sounds are enhanced.
-

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. Adjustable speakers and adjustment ranges are as follows:

- WF (Subwoofer): -15 - 6
 - C (Center speaker): -6 - 6
 - OVC (Top speaker): -6 - 6
 - TRE (Front speaker (treble)): -5 - 5
 - BAS (Front speaker (bass)): -5 - 5
-

6 Mute

This turns off the sound from the product.

7 Function

Press the button repeatedly to select the desired input mode or function.

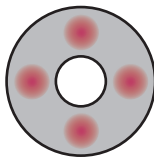
8 Information

View the connected input source or **Bluetooth** information.

- BT: Connected **Bluetooth** device name
 - OPT/ARC/E-ARC/HDMI: Current sound source
 - USB: Current sound filename
-

9 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.

10 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.
 - 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
-

11 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 24.)
 - 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 10.)
 - 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 25.)
 - 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 23.)
 - DISPLAY: The status display can be controlled as auto, on, and off. (→ See "Using Display" on page 26.)
-

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

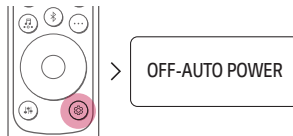
Volume, mute on/off

TV brands supported

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

Activating/Deactivating this function

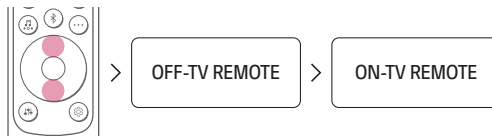
- 1 Press **Settings**  button. The product enters the setting mode and you can see "OFF-AUTO POWER" or "ON-AUTO POWER".



- 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.

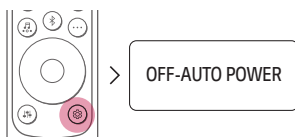
Using Auto Power

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

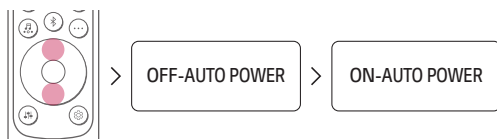
When the connected device is turned on, the product turns on automatically and selects a function according to the input signal.

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.

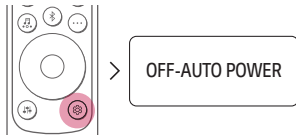


Using Night Time

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.




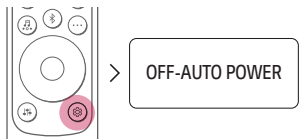
Using Display

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

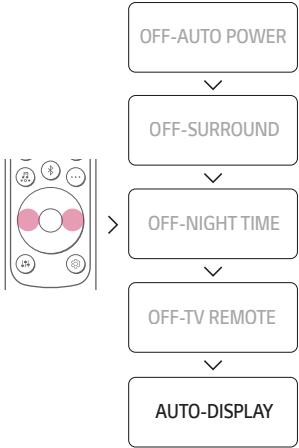
Option	Status display
AUTO	Dimmed after 20 seconds of button input.
ON	Always on
OFF	Turned off after 20 seconds of button input.

Activating/Deactivating the Display function

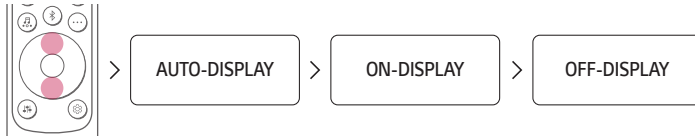
- 1** Press **Settings**  button. The product enters the setting mode and you can see **"OFF-AUTO POWER"** or **"ON-AUTO POWER"**.



- 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"**.




- ③ 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.

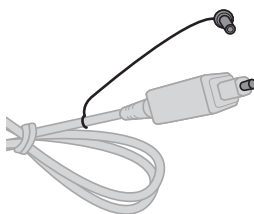
Connecting to the TV

Connecting with an Optical Cable

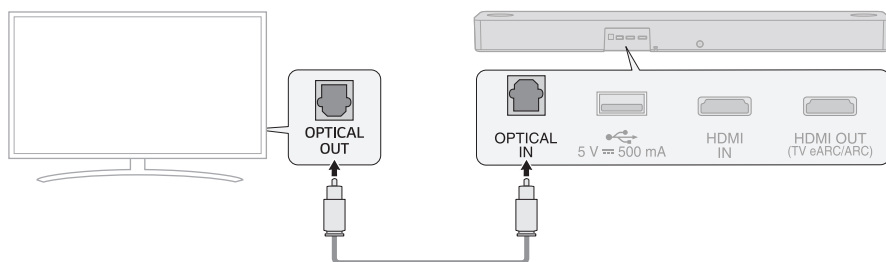
Transmit your TV's audio to the product by connecting it to the TV with an optical cable. You can add a variety of 3D effects to the original audio to fill the room with a deep, rich sound.


Watching TV after connecting with an optical cable

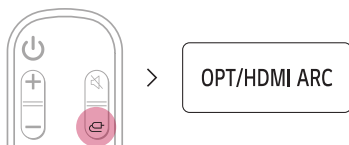
- 1 If the digital cable terminal has a cover, first remove the covers from both ends.



- 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

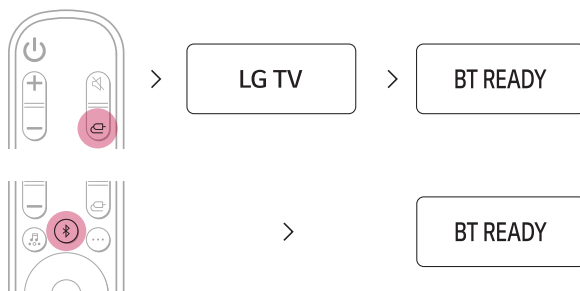
- When the TV is properly connected to the product, **"LG OPT"** will appear on the status display.
- When using the product with an LG TV remote control, the volume and mute status set on the TV will automatically be applied to the product.
- You can still use the product's remote control even after 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**" (Connected) → "**LG TV**" (Ready to use)

✔ Note

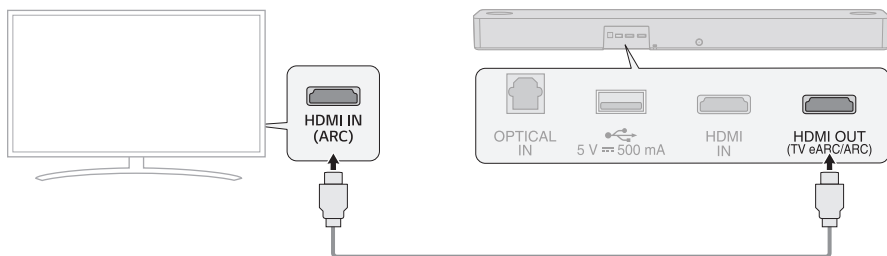
- When using the product with an LG TV remote control, the volume and mute status set on the TV will automatically be applied to the product.
- You can still use the product's remote control even after connecting it to an LG TV.
- If you turn off the power of the product with the **Power**  button, the 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

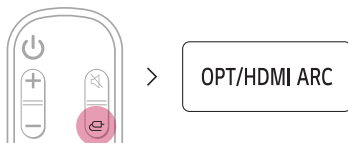
You can transmit TV audio to the product by connecting the TV to the product with an HDMI cable. Add a variety of 3D effects to the original audio to fill the room with a deep, rich sound.

Watching TV after connecting with an HDMI cable

- 1 Using the HDMI cable, connect the **HDMI OUT (TV eARC/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" or "E-ARC" will appear on the status display.

✓ Note

- E-ARC supports high-quality audio such as DTS-HD Master Audio™, DTS:X®, Dolby TrueHD, and Dolby Atmos®.
- If you wish to use Dolby Atmos® or DTS:X®, the connected device and its content should support Dolby Atmos® or DTS:X®.
- Ensure that your TV supports the eARC function before you turn on eARC from the **Settings** menu. For more information on how to use this function, please refer to your TV's user manual. Settings may vary 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.
-

Using WOW Orchestra with LG TV

The combination of the LG sound bar and the LG TV gives you the best listening experience to output sound simultaneously through both of them.

This function is automatically activated when the sound bar is connected to the TV and you can choose it on the sound out menu on the TV.

✔ Note

- Available on some LG TV and sound bar models
 - It operates according to the audio codec supported by the TV.
 - This function can only operate with an HDMI cable connection and LG WOWCAST connection.
 - Be sure to enable e-ARC on the TV.
 - The messages displayed on the TV may differ depending on the model.
 - Refer to the TV's instruction manual for more details on settings.
-

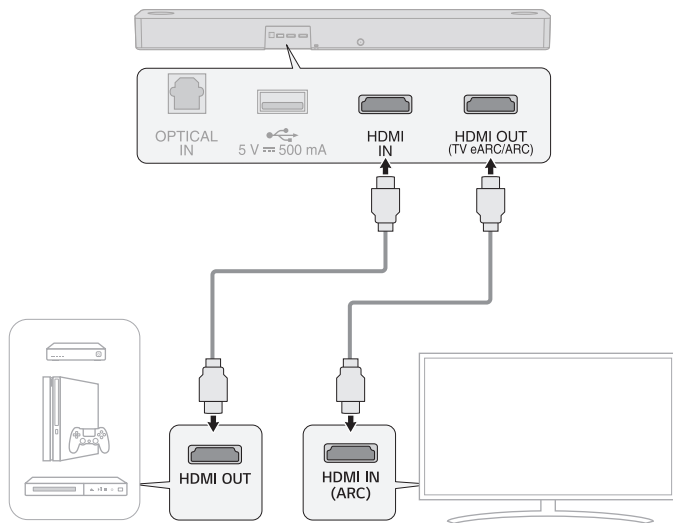
Connecting to an External Device


Connecting with an HDMI Cable

Connect the TV and external device (game console, DVD player, etc.) with an HDMI cable and enjoy a deep and rich 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 eARC/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. When playing the video with Dolby Atmos® or DTS:X® technology, either **"DOLBY ATMOS"** or **"DTS:X"** will appear on the status display.

✓ **Note**

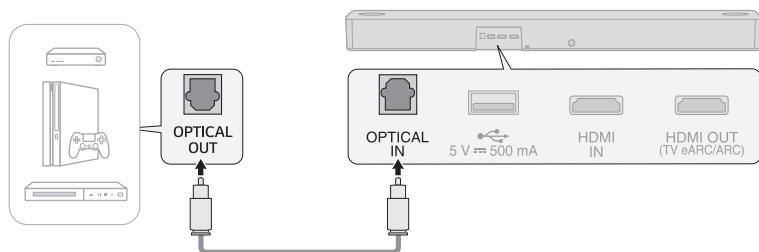
- Dolby Atmos® or DTS:X® audio supports 3.1.2 channels.
 - Please check the audio output settings in the Settings menu of your external device (ex. Blu-ray player or TV). The audio output should be set to [No encoding], [Bitstream], [Auto], or [Pass through]. For more information on how to set the output, please refer to your external device's user manual.
 - Use a certified cable with the HDMI logo.
-

Connecting with an Optical Cable

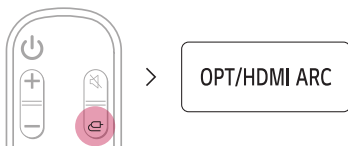
Connect the TV and external device (game console, DVD player, etc.) with an optical cable and enjoy a deep and rich sound.

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.
 - Bluetooth 4.2 technology
 - 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.

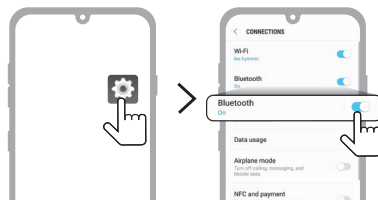
Select the [**Bluetooth**] from your smartphone's **Settings** menu.

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

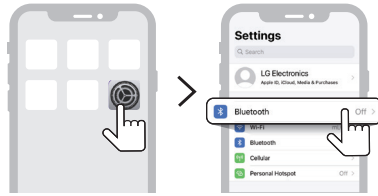
- 1 Turn on the product.
- 2 Press the **Bluetooth pair**  button. After a moment, "BT READY" appears on the status display.



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

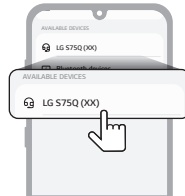


(Android Phone)

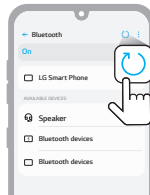


(iPhone)

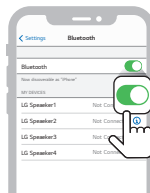
- 4 Turn on the **Bluetooth** function. (Off > On)
- 5 You will see a list of connectable devices on your smartphone. Find and tap "LG S75Q (XX)".



- 6 When the product is connected to the smartphone via **Bluetooth**, you will see the status display change from "**PAIRED**" (Connected) → "**Connected Bluetooth device name**" → "**BT**" (Ready to use).
- 7 If you cannot find the product "LG S75Q (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.

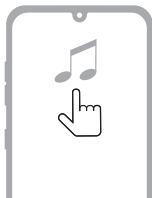


(Android Phone)




(iPhone)

- 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 S75Q (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
 - Minimum supported versions for each OS may change later.

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)



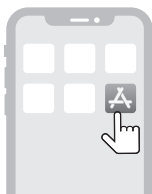
(iPhone OS)

Downloading from 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

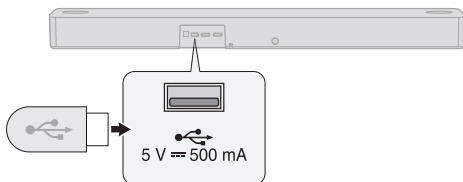
- Settings menu items may vary depending on the smartphone manufacturer and OS.
 - Google, Android and Google Play are trademarks of Google LLC.
-

Connecting to a USB Storage Device

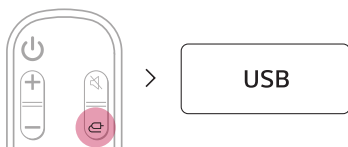
Enjoy high-quality sound by connecting a USB storage device containing music files to the product.

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

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
AAC	32 kHz - 48 kHz / 8 kbps - 320 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

Checking before mounting to a wall

You can mount this product onto a wall.

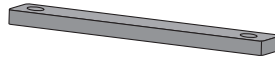
When mounting the product to the wall, follow the instructions below.

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.
- There are also speakers on the top of the product. When installing the product under the TV, install it 10 cm (3.9 inch) away from the bottom of the TV.

Components for mounting the product

Sound bar



Wall bracket



Sound bar screws



Wall bracket installation guide



Sold separately

Bracket screws



Wall plugs

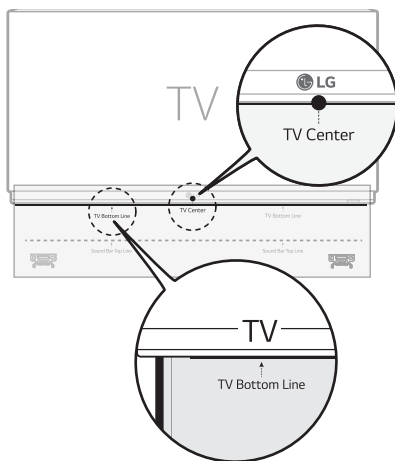


✔ Note

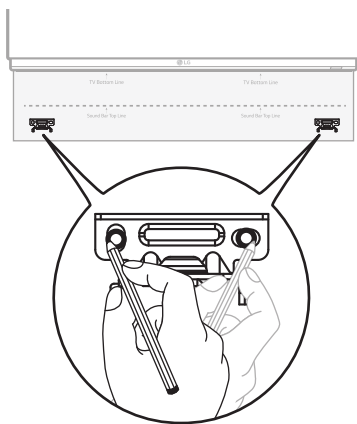
- Screws and Wall Plugs are not supplied for mounting the product. We recommend the Hilti (HUD-1 6 x 30) for the mounting.
-

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.

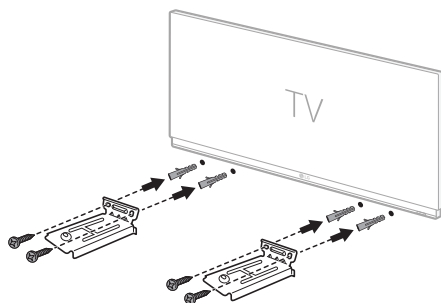


- 3 With a pen, mark screw holes on the installation guide where the wall brackets will be attached.

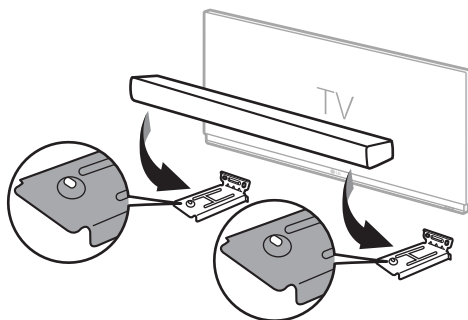


- 4 Drill screw holes in the marked positions on the installation guide.
- 5 Remove the wall bracket installation guide from the wall.

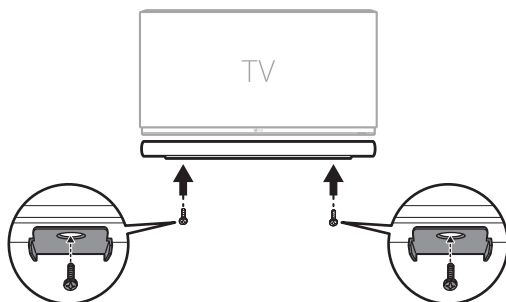
- 6** Fix the brackets firmly to the wall using the wall plugs and screws.



- 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 attach the product to the wall brackets using the screws provided.



Safety Precautions

| Safety and Regulatory



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).

— : Direct current (DC).

⊞ : This is a class II equipment.

⏻ : Standby power state.

⏻ : The power is turned on.




⚡ : 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	<ul style="list-style-type: none">• Unplug the power cables and any external devices such as your TV, subwoofer, or amplifier from the product, then plug them in again.
The power does not turn on	<ul style="list-style-type: none">• Is the power cord plugged into the outlet properly?<ul style="list-style-type: none">- Connect the power plug to the outlet correctly.
There is no sound	<ul style="list-style-type: none">• Is the volume set to minimum?<ul style="list-style-type: none">- 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?<ul style="list-style-type: none">- 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?<ul style="list-style-type: none">- Press the Function  button to check if you selected the correct function.
The subwoofer does not produce sound	<ul style="list-style-type: none">• Is the product properly connected to the wireless subwoofer?<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Check connection to external devices (ex. set-top box, portable device, Bluetooth device).
LG Sound Sync does not work	<ul style="list-style-type: none">• Check whether your TV supports LG Sound Sync.• Check if the TV is properly connected to the product via an optical cable.<ul style="list-style-type: none">- Press the Settings button on the TV remote control to check if the function is turned on in [LG Sound Sync].

<p>The product volume is low</p>	<ul style="list-style-type: none"> • Check the following and change the settings accordingly. <ul style="list-style-type: none"> - Run the LG Sound Bar app, tap the Settings  button on the first screen, and change the [DRC] function to [Off] on the [Sound Settings] menu. - 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.
<p>The product fails to recognize a USB storage device</p>	<ul style="list-style-type: none"> • 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 41.)
<p>A Bluetooth device cannot be paired</p>	<ul style="list-style-type: none"> • 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Do you hear noise or experience malfunctions when using Bluetooth?<ul style="list-style-type: none">- 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.<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">• 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?<ul style="list-style-type: none">- 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	<ul style="list-style-type: none">• Model : DA-50F25• Manufacturer : Asian Power Devices Inc.• Input : 100 - 240 V ~ 50 - 60 Hz• Output : 25 V  2 A
	<ul style="list-style-type: none">• Model : MS-Z2000R250-050D0-P• Manufacturer : MOSO POWER SUPPLY TECHNOLOGY CO., LTD.• Input : 100 - 240 V ~ 50/60 Hz• Output : 25 V  2 A
Dimensions (W x H x D)	Approx. 890.0 mm x 65.0 mm x 119.0 mm (including the base) (35.0 inch x 2.6 inch x 4.7 inch)
Operation Temperature Range	5 °C - 40 °C (41 °F to 104 °F)
Operation Humidity Range	5 % - 60 % RH
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, 176.4 kHz, 192 kHz
Available Digital Input Audio format	Dolby Atmos®, Dolby Audio™, DTS:X®, DTS-HD, 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 eARC/ARC)	19-pin (Type A, HDMI™ connection terminal) × 1 4K resolution is supported for 4K sources applied with HDCP 2.3.

Amplifier (RMS output)	
Total	380 W RMS
Front	30 W RMS×2 (Impedance: 4 Ω , THD 10 %)
Center	30 W RMS (Impedance: 4 Ω , THD 10 %)
Top	35 W RMS×2 (Impedance: 4 Ω , THD 10 %)
Subwoofer	220 W RMS (Impedance: 3 Ω , THD 10 %)

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
Rated power	220 W RMS
Max. Power	440 W RMS
Dimensions (W x H x D)	Approx. 180.0 mm x 394.0 mm x 290.0 mm (7.1 inch x 15.5 inch x 11.4 inch)

- Design and specifications are subject to change without notice.

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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.

