LG OLED TV

OLED55G3PUA   OLED83G3PUA
OLED65G3PUA   OLED77Z3PUA
OLED77G3PUA

OWNER'S MANUAL
Safety and Reference

8 1 4 1 0 0 1 3 3

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
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER 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 strongly 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.
- **Batteries (not included).**
  - 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. (Depending upon model).
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.)
- 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.
- 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.
- When assembling the stand, ensure that all of the provided screws are attached. If the screws are not fully tightened, the product may tilt or tip over, resulting in damage. Tightening the screws with excessive force may cause them to come off due to abrasion of the screw joint.
- When installing on a cabinet or a shelf using a stand, make sure its width is greater than that of the TV, (Depending upon model).
- If the TV is placed on the stand, its screen may be tilted back slightly. If the stand is not level because an object is placed under the stand or it is not on a flat surface, the product may fall and cause injury or product damage, (Depending upon model).

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.

Stand (Optional Extras)

(Depending upon model)

Stand	Model
SR-G3WU55	OLED55G3*
SR-G3WU65	OLED65G3*
SR-G3WU8377	OLED77/83G3*

Mounting to the Wall
(Wall mounting kit not included)

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 (hold) product on a wall if it could be exposed to oil or oil mist. This may damage the product and cause it to fall.
- When installing the Full Contact Wall Mount, the TV may not be contacted firmly against the wall due to some wall conditions.

Precautions for Safety
(Except for OLW480B, LSW440B)

- Professional installers should read this manual carefully to ensure proper installation.
- Professional installers should forward this manual to customers after installation and encourage them to read and store it in a convenient place for future reference.
  After reading the installation manual, keep it in a convenient place for future reference.

⚠
- Ask a professional installer appointed by the store for installation of the product.
  Installation by someone other than a professional installer is extremely dangerous and may result in personal injury.
- Do not install the product in an unstable site that cannot withstand its weight.
  If the installation site lacks sufficient rigidity, the product may fall and cause personal injury.
- Contact a professional installer appointed by the store prior to moving or replacing the product after installation.
  Installation is a technical task and safety issues may arise if an individual attempts to install or move the product personally.
- Do not hang on the product or subject it to severe impact after installation.
  Doing so may cause the product to fall and cause personal injury.
- When installing the product on a wall, do not hang the power line or signal cables from the back of the TV.
  This can damage the cords, resulting in a fire, electrical shock or malfunction of the product.
- Be sure to wear work gloves when installing the product.
  - Installing with unprotected hands may result in injury.
- Install the product according to the instructions in the installation manual.
  Failure to install the product according to the instructions in the installation manual can result in serious personal injury or product damage.
- Be sure to have at least two people when installing the product or adjusting the product's height.
  Attempting to perform installation or adjustments personally may result in personal injury or damage to the product.
- Make sure a wall is available prior to proceeding with installation. Make use of the anchors and screws provided with the product.
  Use of any unauthorized anchors or screws may not support the product's weight, which poses safety risks.
- When drilling in the wall for installation, be sure to use drill bits and drills of the specified diameter. Follow the instructions for the hole depth.

Drilling and installing the product in ways other than specified in the installation manual may result in an unstable installation and potential safety issues.
- Do not wipe the product with a wet towel or use any heating equipment or humidifier under the place where the product is installed.
  Liquid water or vapor may enter the product and excessive heat may cause fire, electric shock, or malfunction.
- Do not install the product near a fire sprinkler or detector, a place where vibration or shock may occur or near a high-voltage wire or power source.
- Unplug the product's power cord from the wall outlet before installing. Installing the product while the power cord is plugged in may result in electric shock or fire.
- Do not install the product with bare hands. Be sure to wear work gloves. Attempting installation without work gloves may cause personal injury.
- Connect the product with the supplied cable. Use of an unauthorized cable may result in damage to the TV or the wall. Make sure to use the supplied cable gender. (This may vary by model.)

Before Installation
(Except for OLW480B, LSW440B)

- Do not use the product for any purpose other than installing the TV on a wall.
- Avoid product damage and safety accidents caused by careless installing or use of improper or unauthorized wall mount.
- Follow the instructions in the installation manual for a convenient installation of the wall mount.
- Immediately discontinue installation and contact the service center if you cannot fully understand the installation process.
  Use a professional installer if any installation issues remain after the inquiry.
- Installation of this product on a concrete wall or wood stud is recommended. Installation of this product on other surfaces (Dry wall, plywood, bricks, etc.) is not recommended. Improper installation may result in the product falling.
- Install the product only on a vertical wall.
  Do not install on a tilted wall that exceeds building standards or on the heavily tilted wall or ceiling.
  LG is not responsible for problems caused by improper installation of the product, e.g., heavily tilted walls and ceilings.
- Check the enclosed accessories before installation. We are not responsible for any lost or damaged accessories after the inner packaging is opened.
- When an infant or small child swallows the enclosed accessories, various safety accidents such as choking may occur. Keep the enclosed accessories out of the reach of infants and children.
- When tightening screws, tighten until fully snug.
  Avoid using excessive force when tightening the screws. Doing so may damage the wall and product or reduce the rigidity or performance of the product.
- Avoid installing a TV that exceeds the specified tensile load, and do not allow any external force to be applied to the product.
- Avoid accidents by using work tools with care during installation.

Tools for Installation
- "+"-shaped screwdriver (manual or electric) / level / drill / Ø 8 mm drill bit for concrete or Ø 4 mm drill bit for steel

Securing TV to the Wall
(Except for OLW480B, LSW440B)

⚠
- Please use the TV close to the wall after installation.

How to fix anchors and screws
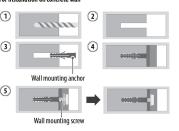(Except for OLW480B, LSW440B)
Please make sure that:

- Check that the material and thickness of the wall and finishing material comply with the installation manual. Before beginning the mounting process, you must be sure the wall is able to support the weight of the TV.
- Should use the enclosed anchors and screws on crack-free concrete walls.
- Never install the product on a plasterboard or wall made of paper or medium-density fiberboard (MDF). When it is necessary to install the product on such wall, anchor screws must be fastened to retaining walls (concrete) or wood Stud inside the finishing material.
- The wall mount should be attached to a stud. This usually will not be a problem, but depending upon individual circumstances, there may be cases when the ability to mount into a stud is not possible. In this case, there are a variety of drywall anchors, such as toggle bolts, which may provide a solution. If using drywall anchors, please be sure the anchors and the wall have the ability to support the weight of your TV. Please note that the supplied anchors may not be the correct ones for your individual situation, so you should check with a local professional.
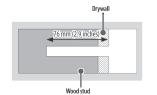- Other unspecified walls must be capable of supporting pullout loads of over 70 kgf (154 lbf) (686 N) and shear loads of over 100 kgf (220 lbf) (980 N) per fastener.
- Use an Ø 8 mm drill bit for concrete and a hammer (impact) drill or Ø 4 mm drill bit for wood stud to drill holes.

- Other unspecified walls must be capable of supporting pullout loads of over 70 kgf (154 lbf) (686 N) and shear loads of over 100 kgf (220 lbf) (980 N) per fastener.
- Use an Ø 8 mm drill bit for concrete and a hammer (impact) drill or Ø 4 mm drill bit for wood stud to drill holes.

For installation on concrete wall

① ②
③ ④
⑤

Wall mounting anchor

Wall mounting screw

1 Drill holes in anchor locations with a drill bit of Ø 8 mm to a depth of 80 mm (3.14 inches) to 100 mm (3.93 inches).
2 Clean the drilled holes.
3 Insert the enclosed anchors for fixing the wall mount into the holes. (Use a hammer when inserting anchors.)
4 Push the wall mount support closely toward the wall to match the hole locations.
5 Tighten screws for fixing the wall mount to the holes. At this time, tighten the screws to a torque of between 45 kgf/cm (39.06 lbf/in) to 60 kgf/cm (52.07 lbf/in).

For installation on wood stud

Drywall

76 mm (2.9 inches)

Wood stud

Use the Ø 4 mm drill bit for wood to drill holes with the depth of 76 mm (2.9 Inches). (Clean the drilled hole.)
Without using the wall mounting anchor, fasten the wall mounting screw directly to the wood stud.

After Installation

- When connecting additional cables from the sides, we recommend holding the center of the TV horizontally or vertically and pulling the product to make sure there is sufficient distance from the wall before connecting.
- When connecting additional cables from the bottom, we recommend releasing the TV from the wall mount before connecting.

⊘ **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. (Depending upon model)
- 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.

(For example)

- Use cable management systems to arrange the cables at the bottom of the TV as shown below. Cable managements are not provided with the product, so purchase them separately.
- After installing the product, be sure to use it adhered to the wall.
  - Using the product while it is not adhered to the wall may damage or shake the product.

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.

Copper wire

- 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).

Starting TV

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

LG

Power On (Press)
Power Off[1] (Press and Hold)
Menu Control (Press[2])
Menu Selection (Press and Hold[3])

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.

⊘ **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.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The device must be easily accessed to a location outlet near the access. Some devices are not made by turning on / off button, turning off the device and unplugging the power cord.

The image shown here is for illustrative purposes only and may be subject to change.

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)
  DTS (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz)
  DTS-HD (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz / 176.4 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] → [External 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
  - Ultra High Speed HDMI®/™ cable (3 m (9.84 feet) or less)

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. (Depending upon model)
- 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)
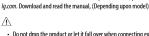- Connect the IR Blaster cable to the TV's IR Blaster port.
- Use universal control settings to control the device.
- Secure the IR Blaster with the 3M tape provided.
- In order to control external devices through "Room to Room Share" and "Hands-free Voice Control", an IR blaster connection is required.

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 CAT 7 cable with high-speed Internet transmission. (Only when **LAN** port is provided.)
- 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 the product.

Specifications

Power requirement	AC 120 V ~ 50/60 Hz

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, ATSC3.0 (Orly USA), 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

- Certain 8K input/decoding standards may not be supported. An additional device may be necessary to support certain 8K standards. Upscaled and enhanced 8K images will vary depending upon the source content (Depending upon model).

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

Conditions for Wall Mount Installation	
Tilt Angle	0° - 15°

* This specification range applies to TV wall mounts when adjusting for proper viewing angle.

Product Information

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.
1) FCC regulations restrict the operation of this device to indoor use only.
2) Operation prohibited on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.

FCC ID: BEJLGSBWAX12 / IC: 2703H-LGSBWAX12

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.

Licenses

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

QUICKSET®
(Magic Remote supported models only)

HEVC Advance
Covered by patents at patentlist.accessadvance.com

Troubleshooting

In TV / HDMI input, press the 🔍 button on the remote control three times to display the model name and serial number on the screen.

Cannot control the TV with the remote control.	• 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.	• 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.	• Check the power control settings. The power supply may be interrupted. • Check if the auto-off function is activated in the settings menu. • The auto-off function may have worked. This product is equipped with an auto-off function that automatically turns off the power if the remote control is not used for 15 minutes without an input signal.
Abnormal Display	• If the product feels cold to the touch, there may be a small "flicker" when it is turned on. This is normal, there is nothing wrong with product. • This panel is an advanced product that contains millions of pixels. You may see tiny black dots and/or brightly colored dots (white, red, blue or green) at a size of 1 ppm on the panel. This does not indicate a malfunction and does not affect the performance and reliability of the product. This phenomenon also occurs in third-party products and is not subject to exchange or refund. • You may find different brightness and color of the panel depending upon your viewing position(left/right/top/down). This phenomenon occurs due to the characteristic of the panel. It is not related with the product performance, and it is not malfunction. • 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.
Generated Sound	• **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.
The TV does not turn on continuously due to Always Ready mode operation or does not automatically turn on by sensor.	• The motion sensor is located on the bottom center of the TV. • The motion sensor is only supported by some models. • If there is a foreign substance on the motion sensor, it may not work properly. • If the environment around the TV is too bright or too dark, the motion sensor may not work properly. • Obstacles in front of the TV may affect the detection function of the motion sensor. • It can operate by recognizing changes in lighting around the TV or movement of objects (pets/robot vacuum cleaners, etc.). • To stop using the Always Ready mode in 🔘 → [🔘] → [General] → [Always Ready] → [Enable the function], or to use only the General Always Ready mode function, you can select Enable Always Ready mode, turn off the screen, and then stop using the motion sensor in [Always Ready Settings]. The screen-on function with the motion sensor can be set by adjusting the performance of the sensor through the [Always Ready Settings] → [Motion Sensor Sensitivity] setting.

⚠️
• 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.

• Accessory type and quantity may vary depending on the model.

• The cables mentioned in this guide is not supplied with your unit.

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 that leaves an image on a screen. This feature 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 [Auto Power Save], 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 minimize image retention.

Regulatory

FCC NOTICE

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)

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 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 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 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 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 5250-5850 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

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).	I	Refers to "ON" (power).
▣	Refers to class II equipment.	⚡	Refers to dangerous voltage.

LG Take-back & Recycling Policy

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

---

Using Magic Remote Control

Power Turns the TV on or off.
📺 Accesses the [Guide].
— (Dash) Inserts a — between numbers such as 2-1 and 2-2.
LIST Accesses the saved channel list.
QUICK / ACCESS Accesses the [Edit Quick Access].
- [Edit Quick Access] is a feature that allows you to enter a specified app or Live TV directly by pressing and holding the number buttons.
Volume buttons Adjusts the volume level.
Home Accesses the Home menu.
Home Launches the last used apps.
Wheel (OK) Press the center of 🔘 button to select a menu. You can change channels by using 🔘 button.
Wheel (OK) Accesses the [Magic Explorer]. You can run the [Magic Explorer] feature when the pointer color is changed to purple. If watching a channel, press and hold down the pointer onto the video. When using [TV Guide], [Settings], [Sports Alert], or [Art Gallery], press and hold down on the text.
Up/Down/Left/Right Press the up, down, left or right button to scroll the menu. If you press 🔘 buttons while the pointer is in use, the pointer will disappear from the screen and Magic Remote will operate like a general remote control. To display the pointer on the screen again, shake Magic Remote to the left and right.
Back Returns to the previous level.
Back Clears on-screen displays and returns to last input viewing.

Number buttons Enters numbers.
Accesses the [Quick Help].
More actions Displays more remote control functions.
SAP (Secondary Audio Program) feature can also be enabled by pressing the ◯ button.
Channel buttons Scrolls through the saved channels.
Mute Mutes all sounds.
Mute Accesses the [Accessibility] menu.
Voice recognition Network connection is required to use the voice recognition function.
Check for recommended content. (Some recommended services may not be available in some countries.)
Voice recognition Speak while pressing and holding the button to use the voice recognition feature.
Input Changes the input source.
Input Accesses the [Home Dashboard].
Q. Settings Accesses the Quick Settings.
Q. Settings Displays the [All Settings] menu.
These access special functions in some menus.
Red button Runs the record function.
Streaming Service buttons Connects to the Video Streaming Service.

(Batteries not included)

✔️ **Note** ** To use the button, press and hold for more than 1 second.

• The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly.
This remote uses infrared light. When in use, it should be pointed in the direction of the TV's remote sensor.
(Some buttons and services may not be provided depending upon models or regions.)

How to register the Magic Remote Control

To use the Magic Remote, first pair it with your TV.
1 Put batteries into the Magic Remote and turn the TV on.
2 Point the Magic Remote at your TV and press the 🔘 **Wheel (OK)** on the remote control.
* If the TV fails to register the Magic Remote, try again after turning the TV off and back on.

How to deregister the Magic Remote Control

Press the ⬅️ (Back) and 🏠 (Home) buttons at the same time, for five seconds, to unpair the Magic Remote with your TV.
* Press and hold the 🏠 (Home) and ⚙️ (Q. Settings) buttons for more than 5 seconds to disconnect and re-register the Magic Remote at the same time.

⚠️
• It is recommended that an Access Point (AP) be located more than 0.2 m (0.65 ft) away from the TV. If the AP is installed closer than 0.2 m (0.65 ft), the Magic remote control may not perform as expected due to frequency interference.

Using Always Ready

(Depending upon model)
You can operate the TV and connect to Bluetooth with direct voice recognition while the power is off.
* 🔘 → ⋮ → [General] → [Always Ready], setting [Enable the function] to on.
* Pressing the 🔘 button while watching TV switches the screen to [Always Ready] that is turned on, and pressing the 🔘 button once more turns the screen to [Always Ready] that is turned off.
* Press the 🔘 (Home) button or the ⬅️ (Back) button to watch TV when the screen is in [Always Ready] that is turned on.
* Press the 🔘 **Wheel (OK)** button to display the wallpaper when the screen is in [Always Ready] that is turned off, and press the 🔘 button to watch TV.

✔️ **Note**
• Using Always Ready may increase energy consumption.
• For models with motion sensors, such as G2, if you set screen on with the motion sensor, the TV will turn on by recognising the motion.
• For more information about the feature, refer to the 🔘 → ⋮ → [Support] → [User Guide] → [Troubleshooting] → [Learn More About Always Ready].

Connecting Smart Devices using NFC Tagging

NFC is technology that uses Near Field Communication (13.56 MHz), allowing you to conveniently send and receive information without separate settings. By bringing a smart device near the NFC-enabled remote control, you can install the LG ThinQ app and connect the device to the TV.
1 Turn on NFC in the smart device's settings. To use NFC with Android devices, set the NFC option to enable 'read/write tags' in the smart device's settings. The NFC settings may vary depending upon the device.
2 Bring the smart device near the 🔳 (NFC) on the remote control. The required distance for NFC tagging is about 1 cm (0.39 inches).
3 Follow the instructions to install the LG ThinQ app on your smart device.
4 Retagging the smart device to the remote control allows you to conveniently access various features on the connected TV through the LG ThinQ app.

✔️ **Note**
• This feature is available for NFC-enabled smart devices only.
• This feature is only available if the remote control has an NFC logo.

Specifications

Specifications (MR22GN, MR22GA)		
	Frequency range	Output Power (Max.)
Bluetooth	2,400 to 2,483.5 MHz	7 dBm
NFC	13.56 MHz	-

* Only MR22GN

• The image shown here is for illustrative purposes only and may be subject to change.

LG
Life's Good

OLED55G3PUA **OLED55G3PSA**
OLED65G3PUA **OLED65G3PSA**
OLED77G3PUA **OLED77G3PSA**
OLED83G3PUA

814000133

1 2 3

OLED55/65G3*

OLED77/83G3*

IR Blaster

ANT IN
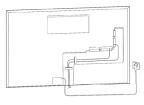
OPTICAL DIGITAL AUDIO OUT

LAN
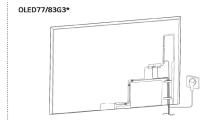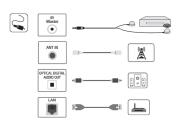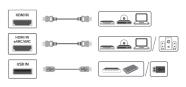
HDMI IN

HDMI IN eARC/ARC

USB IN

• The cables mentioned in this guide is not supplied with your unit.

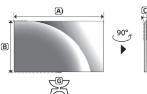• Accessory type and quantity may vary depending on the model.

(Batteries not included)

The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.
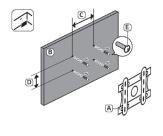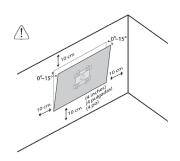
90° 90°

mm (inches)
kg (lbs)

MODELS	A	B	C	D	E	F	G	H	Power consumption
OLED55G3PUA OLED55G3PSA	1 222 mm (48.1) inches	703 mm (27.6) inches	27.2 mm (1.0) inches	452 mm (17.7) inches	129 mm (5.0) inches	13 mm (0.5) inches	17.8 kg (39.2) lbs	1.2 kg (2.6) lbs	375 W
OLED65G3PUA OLED65G3PSA	1 441 mm (56.7) inches	826 mm (32.5) inches	24.3 mm (0.9) inches	452 mm (17.7) inches	129 mm (5.0) inches	13 mm (0.5) inches	23.9 kg (52.6) lbs	1.2 kg (2.6) lbs	506 W
OLED77G3PUA OLED77G3PSA	1 712 mm (67.4) inches	982 mm (38.6) inches	24.8 mm (0.9) inches	452 mm (17.7) inches	129 mm (5.0) inches	13 mm (0.5) inches	36.8 kg (81.1) lbs	1.2 kg (2.6) lbs	704 W
OLED83G3PUA	1 847 mm (72.7) inches	1 057 mm (41.6) inches	28 mm (1.1) inches	452 mm (17.7) inches	129 mm (5.0) inches	13 mm (0.5) inches	40.9 kg (90.1) lbs	1.2 kg (2.6) lbs	775 W

0°~15°

10 cm

(4 inches) (4 pulgadas) (4 po)

mm (inches)

A	B	C × D	E
OLW480B	OLED55G3*	300 x 200 mm (11.8 x 7.8) inches	M6
OLW480B	OLED65G3* OLED77G3*	300 x 300 mm (11.8 x 11.8) inches	M6
LSW440B	OLED83G3*	400 x 400 mm (15.7 x 15.7) inches	M6

814000133

8 1 4 0 0 0 1 3 3