**LG ThinQ Al/Google Assistant**

**How to Use LG ThinQ**

You can use various features of your TV quickly and easily with voice recognition features by LG ThinQ.

1. Press and hold button on the remote control to display the following screen.

2. Say the feature to run or the keyword to search for while holding the button.

3. When you release button on the remote control, the action you requested will run.

**Various Features Available on LG ThinQ**

1. **Control TV and Use Features**
   - Functions related to watching TV: Change channel, change volume
   - Change external input
   - Change settings: change some of the setting menus right away or jump to the menu of your choice
   - Jump to supported features of the TV/apps/websites
   - Control screen

2. **Search on TV**
   - Search TV programs and VOD
   - Search content-related information
   - Search user manual
   - Search information (people/weather/time/place, etc.) Google Assistant

3. **Chat Google Assistant**
   - When you use Change TV Settings or Search Content features, you can use voice recognition features to talk to your TV.
   - Press the button on your remote to see examples for using voice recognition features.

**Precautions**

1. The languages for voice recognition available on LG ThinQ and Google Assistant are as follows:
   - English, French, Spanish

2. To use voice recognition features, you need to use Magic Remote Control.

3. Before using voice recognition features, you must connect to the network and agree to the terms and conditions for using voice recognition.

4. Set the channel and region to use all of the voice recognition features.

5. Voice recognition rates may vary depending on the characteristics of the user (voice loudness, pronunciation, intonation and speed) and the surrounding environment (noise and TV volume).

6. For more accurate voice recognition, pronounce slowly and accurately with normal loudness from about 10 cm (4 inches) away from the microphone of the magic remote control.

7. If the voice is not recognized correctly, different functions may occur from those you requested.

8. To control the set-top box connected to the TV with voice recognition, you need to go to [Connection] — [Device Connector] and set the integrated remote control. It is recommended to point Magic Remote toward the set top box after the voice input.

Please note that AI Service may be changed, removed or terminated, without notice, by LGE or its third party providers.
LG
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www.lg.com

49SM8600PUA 55SM9000PUA 65SM8600PUA
55SM8100AUA 65SM8100PUA 65SM9000PUA
55SM8100PUA 65SM8100PUA
55SM8600PUA 65SM8600AUA

a x 4
(M5 x L25)

b x 4
(M4 x L12)
<table>
<thead>
<tr>
<th>MODELS</th>
<th>MODELOS</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>F-G</th>
<th>Power consumption</th>
</tr>
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<tbody>
<tr>
<td>49SM8600PUA</td>
<td>49SM8600PUA</td>
<td>1,096</td>
<td>1,096</td>
<td>710</td>
<td>710</td>
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<td>263.1</td>
<td>63.6</td>
<td>15.5 (34.1)</td>
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<td>786</td>
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<td>1,451</td>
<td>1,451</td>
<td>910</td>
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<td>323.7</td>
<td>323.7</td>
<td>64</td>
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<td>65SM8100PUA</td>
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<td>323.7</td>
<td>64</td>
<td>19.1 (42.1)</td>
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<tr>
<td>65SM9000PUA</td>
<td>65SM9000PUA</td>
<td>1,455</td>
<td>1,455</td>
<td>906</td>
<td>906</td>
<td>323.7</td>
<td>323.7</td>
<td>64</td>
<td>19.1 (42.1)</td>
</tr>
</tbody>
</table>

**Power requirement / Alimentación requerida / Alimentation**

AC 120 V - 50/60 Hz
ENGLISH
Easy Setup Guide
Please read this manual carefully before operating your set and retain it for future reference.

ESPÁÑOL
Guía Rápida de Configuración
Lea atentamente este manual antes de poner en marcha el equipo y consérvelo para futuras consultas.

FRANÇAIS
Guide de configuration rapide
Avant d’utiliser l’appareil, veuillez lire attentivement ce manuel et le conserver pour pouvoir vous y reporter ultérieurement.
OWNER'S MANUAL
Safety and Reference

LED TV*

* LG LED TV applies LCD screen with LED backlights.

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

49SM8000PUA
49SM8600PUA
55SM8100AUA
55SM8100PUA
55SM8600PUA
55SM9000PUA

65SM8000AUA
65SM8100PUA
65SM8600AUA
65SM8600PUA
65SM9000PUA
65SM9500PUA

75SM8670AUA
75SM8670PUA
75SM9070PUA
75SM9970PUA
86SM9070PUA
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.ca/arbitration (Canada).
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
• **Grounding** (Except for devices which are not grounded.)
  - TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet. Ensure that you connect the earth ground wire to prevent possible electric shock.
  - 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.

• **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.
Preparing

- 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.
- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this TV in the future.
- 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 items supplied with your product may vary depending upon the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- 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.

![Image of HDMI connection]

* A ≤ 10 mm (0.39 inches)
* B ≤ 18 mm (0.7 inches)

- 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

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.

Magic Remote Control

AN-MR19BA

Check whether your TV model supports Bluetooth in the Wireless Module Specification to verify whether it can be used with the Magic Remote.
Wall Mounting Bracket

(Depending upon model)

Make sure to use screws and wall mount bracket that meet the VESA standard. Standard dimensions for the wall mount kits are described in the following table.

<table>
<thead>
<tr>
<th>Model</th>
<th>VESA (A x B) (mm)</th>
<th>Standard screw</th>
<th>Number of screws</th>
<th>Wall mount bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>200 x 200</td>
<td>M6</td>
<td>4</td>
<td>LSW240B</td>
</tr>
<tr>
<td>495M80*</td>
<td>300 x 300</td>
<td>M6</td>
<td>4</td>
<td>OLW480B</td>
</tr>
<tr>
<td>495M86*</td>
<td></td>
<td></td>
<td></td>
<td>MSW240</td>
</tr>
<tr>
<td>55SM81*</td>
<td></td>
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<tr>
<td>55SM86*</td>
<td></td>
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<tr>
<td>55SM90*</td>
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</tbody>
</table>

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 top 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 by hand, hold the TV as shown in the following illustration.
- 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 a 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.

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**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.
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.

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.

Other connections

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable.

HDMI

- Supported HDMI Audio format (Depending upon model):
  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),
  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),
  • 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)

  - Watch TV while watching TV
  - 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.

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. For more information on external device's connection, refer to the manual provided with each device.

- If you record a TV program on a Blu-ray/DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information about recording, refer to the manual provided with the connected device.
- The external device connections shown may differ slightly from illustrations in a manual.
- Connect external devices to the TV regardless about the order of the TV port.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- Refer to the external equipment's manual for operating instructions.
- 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.
- 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.
- When connecting via a wired LAN, it is recommended to use a CAT 7 cable.
- 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.

Using Button

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

Basic functions

<table>
<thead>
<tr>
<th>Power On (Press)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power Off (Press and Hold)</td>
</tr>
<tr>
<td>Menu Control (Press)</td>
</tr>
<tr>
<td>Menu Selection (Press and Hold)</td>
</tr>
</tbody>
</table>

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.

Adjusting the menu

When the TV is turned on, press the button one time. You can adjust the Menu items using the button.

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Turns the power off.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Changes the input source.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Adjusts the volume level.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scrolls through the saved channels.</td>
<td></td>
</tr>
</tbody>
</table>
Using Magic Remote Control

(Depending upon model)
The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly. When the message [Magic Remote battery is low. Please change the battery.] is displayed, replace the batteries.

To install batteries, open the battery cover, replace batteries (1.5 V AA) matching the + and - ends to the label inside the compartment, and close the battery cover. Be sure to point the magic remote toward the remote control sensor on the TV. To remove the batteries, perform the installation actions in reverse. 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.

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

- (POWER) Turns the TV on or off.
- (STB POWER) You can turn your set-top box on or off by adding the settop box to the universal remote control for your TV.
- Number buttons Enters numbers.
- (DASH) Inserts a - between numbers such as 2-1 and 2-2.
- (MORE ACTIONS) Displays more remote control functions.
- (QUICK ACCESS) Edits QUICK ACCESS
- QUICK ACCESS is a feature that allows you to enter a specified app or Live TV directly by pressing and holding the number buttons.
- AD/SAP SAP (Secondary Audio Program) feature can also be enabled by pressing the ••• button.
- Adjusts the volume level.
- (MUTE) Mutes all sounds.
- (MUTE) Accesses the [Accessibility] menu.
- Scrolls through the saved channels.
- (Voice recognition) Network connection is required to use the voice recognition function. Once the voice display bar is activated on the TV screen, press and hold the button and speak your command out loud.
- (HOME) Accesses the Home menu.
- (HOME) Shows the previous history.
- (Q. Settings) Accesses the Quick Settings.
- (Q. Settings) Displays the [All Settings] menu.
- Wheel (OK) Press the center of (button to select a menu. You can change channels by using (button.
- (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.
- Displays the program event according to time scheduler.
- Streaming Service buttons Connects to the Video Streaming Service.
- (INPUT) Changes the input source.
- (INPUT) Accesses the [HOME DASHBOARD].
- These access special functions in some menus.
- (Control buttons) Controls media contents.
Registering Magic Remote Control

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.
   * Pressing and holding the button will let you cancel and reregister Magic Remote at the same time.

* Do not mix new batteries with old batteries. This may cause the batteries to overheat and leak.
* Failure to match the correct polarities of the battery may cause the battery to burst or leak, resulting in fire, personal injury, or ambient pollution.
* This apparatus uses batteries. In your community there might be regulations that require you to dispose of these batteries properly due to environmental considerations. Please contact your local authorities for disposal or recycling information.
* Batteries inside or inside the product shall not be exposed to excessive heat such as sunshine, fire or the like.

User Guide

For more information about this TV, read the USER GUIDE embedded in the product. (Depending upon model)
- To open the USER GUIDE → [General] → [User Guide]

Troubleshooting

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.
- If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.
Abnormal Display
- 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 LCD 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.
- Displaying a still image for a prolonged period of time may cause an image sticking. Avoid displaying a fixed image on the TV screen for a extended length of time.

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.

- When cleaning the product, be careful not to allow any liquid or foreign objects to enter the gap between the upper, left or right side of the panel and the guide panel, (Depending upon model).
- 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.
## 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.).

( Depending upon country )

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<td><strong>Program coverage</strong></td>
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<td><strong>External antenna impedance</strong></td>
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<table>
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<tr>
<th>Wireless module(LGSBWAC92)Specifications</th>
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<tbody>
<tr>
<td><strong>Frequency range</strong></td>
</tr>
<tr>
<td>2400 to 2483.5 MHz</td>
</tr>
<tr>
<td>5150 to 5725 MHz</td>
</tr>
<tr>
<td>5725 to 5850 MHz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Bluetooth</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Frequency range</strong></td>
</tr>
<tr>
<td>2400 to 2483.5 MHz</td>
</tr>
</tbody>
</table>

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: BEJLGSBWAC92
IC: 2703H-LGSBWAC92

<table>
<thead>
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<th>Environment condition</th>
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<td><strong>Operating Humidity</strong></td>
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<td><strong>Storage Temperature</strong></td>
</tr>
<tr>
<td><strong>Storage Humidity</strong></td>
</tr>
</tbody>
</table>
Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit [http://opensource.lge.com](http://opensource.lge.com).

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

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

 Licenses

HDMI
HIGH DEFINITION MULTIMEDIA INTERFACE

POWERED BY
QUICKSET
(Magic Remote supported models only)

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.

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 colocated 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 radiator 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.

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!

Never place a television set in an unstable location. 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:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.
- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.
- Not placing the television set on cloth or other materials that may be located between the television set and supporting furniture.
- Educating children about the dangers of climbing on furniture to reach the television set or its controls.

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

Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>~</td>
<td>Refers to alternating current (AC).</td>
</tr>
<tr>
<td>---</td>
<td>Refers to direct current (DC).</td>
</tr>
<tr>
<td>☑</td>
<td>Refers to class II equipment.</td>
</tr>
<tr>
<td>🔧</td>
<td>Refers to stand-by.</td>
</tr>
<tr>
<td></td>
<td>Refer to “ON” (power).</td>
</tr>
<tr>
<td>⚡</td>
<td>Refers to dangerous voltage.</td>
</tr>
</tbody>
</table>

LG Recycling Policy

(For USA)
LG Electronics offers a customized e-waste take-back and recycling service that meets local needs and requirements in the countries where e-waste regulations are in place, and also provides product and packaging take-back and recycling service voluntarily in some countries. LG Electronics evaluates products' recyclability at the design step using LG's recyclability evaluation tool, with the goal of improving recyclability where practicable. Through these activities, LG seeks to contribute to conserving natural resources and protecting the environment. For more information about the LG Recycling Policy, please visit our global site at http://www.lg.com/global/sustainability/environment/take-back-recycling
CHILD SAFETY:
PROPER TELEVISION PLACEMENT MATTERS

THE CONSUMER ELECTRONICS INDUSTRY CARES

- Manufacturers, retailers and the rest of the consumer electronics industry are committed to making home entertainment 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

- 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.
- 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 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 an independent laboratory (such as UL, CSA, ETL).
- 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. Some mounts are not designed to be mounted to walls and ceilings with steel studs or cinder block construction. 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

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

CE.org/safety
Supplier’s Declaration of Conformity

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade Name</td>
<td>LG</td>
</tr>
<tr>
<td>Responsible Party</td>
<td>LG Electronics USA, Inc.</td>
</tr>
<tr>
<td>Address</td>
<td>1000 Sylvan Ave Englewood Cliffs, NJ 07632</td>
</tr>
<tr>
<td>Telephone</td>
<td>(201)266-2215</td>
</tr>
</tbody>
</table>

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.: _________________________

LG Customer Information Center
For inquiries 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
Magic Remote User Information

Model Name: AN-MR19BA
1. Overview and Specification of the Remote Control
   (1) Overview
   Instructions for using the Magic Remote control are in the TV manual.
   This remote uses RF (Radio Frequency) instead of infrared.
   This remote will operate within 10m of the TV and does not require it be pointed at the TV.
   (voice recognition support)

   (2) Specifications

<table>
<thead>
<tr>
<th>Categories</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model No.</td>
<td>AN-MR19BA</td>
</tr>
<tr>
<td>Range of frequency</td>
<td>2.400 GHz ~ 2.4835 GHz</td>
</tr>
<tr>
<td>Output Power(Max.)</td>
<td>4 dBm</td>
</tr>
<tr>
<td>Channel</td>
<td>40 channels</td>
</tr>
<tr>
<td>Power source</td>
<td>AA 1.5 V, 2 alkaline batteries are used</td>
</tr>
<tr>
<td>Operational temperature range</td>
<td>0 °C ~ 40 °C</td>
</tr>
</tbody>
</table>

2. Precautions
(1) After replacement of the battery, use the remote control following pairing in accordance with user manual.
(2) If the unit does not operate after replacement of battery, reattempt pairing in accordance with the user manual.
(3) If the remote controller is not being used for prolonged period of time, it is recommended you remove the battery from the unit.
(4) Do not dismantle or exert heat to the battery.
(5) Do not drop battery or exert extreme impact that may even cause the case to be damaged.
(6) Do not immerse the battery in water.
(7) There is danger of explosion if a the battery is inserted reversely.
(8) Properly dispose of used batteries.
(9) Open the battery cover to find the label.

3. Customer Support
Refer to the contact number for services provided in the TV Manual.
Federal Communications Commission (FCC) Statement

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

You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC Caution

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment and/or to use the product.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

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.

Avis d'Industrie Canada

L'émetteur/récepteur exempt de licence contenus dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
1) L'appareil ne doit pas produire de brouillage;
2) L'appareil doit accepter tout brouillage radioélectrique subi, même s'il est susceptible d'interférer avec le fonctionnement.

IC Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment.

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.

Avis d'Industrie Canada sur l'exposition aux rayonnements

Cet appareil est conforme aux limites d'exposition aux rayonnements d'Industrie Canada pour un environnement non contrôlé.

REMARQUE:
LE FABRICANT N'EST PAS RESPONSABLE DES INTERFÉRENCES RADIOÉLECTRIQUES CAUSÉES PAR DES MODIFICATIONS NON AUTORISÉES APPORTÉES À CET APPAREIL. DE TELLES MODIFICATIONS POURRAIENT ANNULER L'AUTORISATION ACCORRÉE À L'UTILISATEUR DE FAIRE FONCTIONNER L'APPAREIL.

IFIT (Mexico)

La operación de este equipo está sujeta a las siguientes dos condiciones:
1) No puede que este equipo o dispositivo no cause interferencia perjudicial y
2) Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Australia

RF Radiation Exposure Statement This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.

Jamaica

This product has been Type Approved by Jamaica: SMA-AN-MR19BA

CE Statement

EU Conformity Notice:

ENGLISH

Hereby, LG Electronics declares that the radio equipment type [Magic Remote] is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:
http://www.lg.com/global/support/cedoc/cedoc#

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
The Netherlands

DEUTSCH

Hiermit erklärt LG Electronics, dass der Funkanlagentyp [Magic-Fernbedienung] der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar:
http://www.lg.com/global/support/cedoc/cedoc#

LG Electronics European Shared Service Center B.V.
Krijgsman 1
1186 DM Amstelveen
The Netherlands
ARBITRATION NOTICE: THIS LIMITED WARRANTY CONTAINS AN ARBITRATION PROVISION THAT REQUIRES YOU AND LG TO RESOLVE DISPUTES BY BINDING ARBITRATION INSTEAD OF IN COURT, UNLESS YOU CHOOSE TO OPT OUT. IN ARBITRATION, CLASS ACTIONS AND JURY TRIALS ARE NOT PERMITTED. PLEASE SEE THE SECTION TITLED "PROCEDURE FOR RESOLVING DISPUTES" BELOW.

Should your LG LCD / LED / OLED Television ("Product") fail due to a defect in materials or workmanship under normal and proper use, during the warranty period set forth below, LG Electronics ("LG") will, at its option, repair or replace the Product. This limited warranty is valid only to the original retail purchaser of the Product and applies only when purchased and used within the United States including U.S. Territories.

<table>
<thead>
<tr>
<th>WARRANTY PERIOD</th>
<th>WHAT IS COVERED</th>
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<tr>
<td>One (1) year from the date of original retail purchase</td>
<td>Any internal/functional parts and labor of the Product</td>
</tr>
</tbody>
</table>

- Replacement products and parts are warranted for the remaining portion of the original warranty period or ninety (90) days, whichever is greater.
- Replaced product or part(s) will be the property of LG.
- Replacement products and parts may be new, reconditioned, refurbished, or otherwise factory remanufactured.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THE PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THE ABOVE LIMITED WARRANTY. UNDER NO CIRCUMSTANCES SHALL LG OR ITS U.S. DISTRIBUTORS/DEALERS BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL, OR PUNITIVE DAMAGES, INCLUDING, WITHOUT LIMITATION, LOST GOODWILL, LOST REVENUES OR PROFITS, WORK STOPPAGE, IMPAIRMENT OF OTHER GOODS, COST OF REMOVAL AND REINSTALLATION OF THE PRODUCT, LOSS OF USE, OR ANY OTHER DAMAGES WHETHER BASED IN CONTRACT, TORT, OR OTHERWISE. LG'S TOTAL LIABILITY, IF ANY, SHALL NOT EXCEED THE PURCHASE PRICE PAID BY YOU FOR THE PRODUCT.

Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This limited warranty gives you specific legal rights and you may also have other rights that vary from state to state.
HOW SERVICE IS HANDLED:
The original sales receipt specifying the Product and date of purchase is required to obtain warranty service.
Under some circumstances you may be asked to provide credit card information for a non-warranty service fee, as a deposit for advanced shipment, or cost of unreturned loaner product.
To ensure proper credit and avoid unnecessary charges, you must obtain a return authorization before returning any product to LG.
In the event a replacement product is received, please use the original carton/packaging from that replacement product in returning the defective unit to LG.

PIXEL FUNCTIONALITY:
Your Product's display contains many individual pixels, and typically a small number of pixels do not function normally. Your display has been inspected and is in compliance with LG's specifications, and any pixel non-functionality does not affect the operation or use of your Product's display.

THIS LIMITED WARRANTY DOES NOT COVER:
• Service trips to deliver, pick up, install, educate how to operate, replace fuses, correct wiring, or correct unauthorized repairs and the removal and reinstallation of the Product for repair.
• Image burn-in.
• Damage or defects of the Product caused by installation or repair of antenna systems, cable converters, other equipment supplied by cable company, or other components in a video system.
• Damage or defects of the Product caused by improper set-up or adjustment on consumer controls.
• Damage or defects of the Product by transportation and/or handling, including scratches, dents, chips, and/or other damage to the finish of your Product, unless such damage results from defects in materials or workmanship and is reported within one (1) week of delivery (Call: 800-243-0000).
• Damage or defects of the Product when used in other than normal and usual, single-family household use (e.g., commercial use, offices, etc.).
• Damage or defects of Product caused by incorrect electrical current or voltage, power failures, interruptions or inadequate electrical service, including incorrect or insufficient AC supply.
• Damage or defects of the Product resulting from improper installation or operation of the Product contrary to the Product owner's manual and/or installation manual.
• Damage or defects of the Product caused by accidents, pests and vermin, lightning, wind, fire, flood, or other acts of God.
• Damage or defects of the Product resulting from misuse, abuse, improper installation/repair/maintenance.
• Damage or defects of the Product caused by the use of accessories, parts, consumable cleaning products, or service not provided or approved by LG.
• Damage or defects of the Product caused by unauthorized alteration, modification or incorporation into any other product or system components, or if it is used for other than the intended purpose.
• Damage or defects of the Product or missing items to any Product sold "As Is", "With all Faults" or similar disclaimer.
• Products with original serial numbers that have been removed, altered, or cannot be readily determined.
• Increases in utility cost and additional utility expenses.
• Replacement of any consumable parts, including batteries on the remote control.

The cost of repair or replacement under the above excluded circumstances shall be borne by you.

TO OBTAIN WARRANTY SERVICE AND ADDITIONAL INFORMATION:
Call 800-243-0000 and select the appropriate option from the menu.
Or by mail: LG Electronics Customer Service P.O. Box 240007 Huntsville, AL 35813 ATTN: Customer Service
PROCEDURE FOR RESOLVING DISPUTES:

ALL DISPUTES BETWEEN YOU AND LG ARISING OUT OF OR RELATING IN ANY WAY TO THIS LIMITED WARRANTY OR THE PRODUCT SHALL BE RESOLVED EXCLUSIVELY THROUGH BINDING ARBITRATION, AND NOT IN A COURT OF GENERAL JURISDICTION. BINDING ARBITRATION MEANS THAT YOU AND LG ARE EACH WAIVING THE RIGHT TO A JURY TRIAL AND TO BRING OR PARTICIPATE IN A CLASS ACTION.

Definitions. For the purposes of this section, references to “LG” mean LG Electronics U.S.A., Inc., its parents, subsidiaries and affiliates, and each of their officers, directors, employees, agents, beneficiaries, predecessors in interest, successors, assigns and suppliers; references to “dispute” or “claim” shall include any dispute, claim or controversy of any kind whatsoever (whether based in contract, tort, statute, regulation, ordinance, fraud, misrepresentation or any other legal or equitable theory) arising out of or relating in any way to the sale, condition or performance of the product or this Limited Warranty.

Notice of Dispute. In the event you intend to commence an arbitration proceeding, you must first notify LG in writing at least 30 days in advance of initiating the arbitration by sending a letter to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 1000 Sylvan Ave, Englewood Cliffs 07632. You and LG agree to engage in good faith discussions in an attempt to amicably resolve your claim. The notice must provide your name, address, and telephone number; identify the product that is the subject of the claim; and describe the nature of the claim and the relief being sought. If you and LG are unable to resolve the dispute within 30 days, either party may proceed to file a claim for arbitration.

Agreement to Binding Arbitration and Class Action Waiver. Upon failure to resolve the dispute during the 30 day period after sending written notice to LG, you and LG agree to resolve any claims between us only by binding arbitration on an individual basis, unless you opt out as provided below. Any dispute between you and LG shall not be combined or consolidated with a dispute involving any other person’s or entity’s product or claim. More specifically, without limitation of the foregoing, any dispute between you and LG shall not under any circumstances proceed as part of a class or representative action. Instead of arbitration, either party may bring an individual action in small claims court, but that small claims court action may not be brought on a class or representative basis.

Arbitration Rules and Procedures. To begin arbitration of a claim, either you or LG must make a written demand for arbitration. The arbitration will be administered by the American Arbitration Association (“AAA”) and will be conducted before a single arbitrator under the AAA’s Consumer Arbitration Rules that are in effect at the time the arbitration is initiated (referred to as the “AAA Rules”) and under the procedures set forth in this section. The AAA Rules are available online at www.adr.org/consumer. Send a copy of your written demand for arbitration, as well as a copy of this provision, to the AAA in the manner described in the AAA Rules. You must also send a copy of your written demand to LG at LG Electronics, USA, Inc. Attn: Legal Department- Arbitration 1000 Sylvan Avenue Englewood Cliffs, NJ 07632. If there is a conflict between the AAA Rules and the rules set forth in this section, the rules set forth in this section will govern. This arbitration provision is governed by the Federal Arbitration Act. Judgment may be entered on the arbitrator’s award in any court of competent jurisdiction. All issues are for the arbitrator to decide, except that issues relating to the scope and enforceability of the arbitration provision and to the arbitrability of the dispute are for the court to decide. The arbitrator is bound by the terms of this provision.
Governing Law. The law of the state of your residence shall govern this Limited Warranty and any disputes between us except to the extent that such law is preempted by or inconsistent with applicable federal law.

Fees/Costs. You do not need to pay any fee to begin an arbitration. Upon receipt of your written demand for arbitration, LG will promptly pay all arbitration filing fees to the AAA unless you seek more than $25,000 in damages, in which case the payment of these fees will be governed by the AAA Rules. Except as otherwise provided for herein, LG will pay all AAA filing, administration and arbitrator fees for any arbitration initiated in accordance with the AAA Rules and this arbitration provision. If you prevail in the arbitration, LG will pay your attorneys' fees and expenses as long as they are reasonable, by considering factors including, but not limited to, the purchase amount and claim amount. Notwithstanding the foregoing, if applicable law allows for an award of reasonable attorneys' fees and expenses, an arbitrator can award them to the same extent that a court would. If the arbitrator finds either the substance of your claim or the relief sought in the demand is frivolous or brought for an improper purpose (as measured by the standards set forth in Federal Rule of Civil Procedure 11(b)), then the payment of all arbitration fees will be governed by the AAA Rules. In such a situation, you agree to reimburse LG for all monies previously disbursed by it that are otherwise your obligation to pay under the AAA Rules. Except as otherwise provided for, LG waives any rights it may have to seek attorneys' fees and expenses from you if LG prevails in the arbitration.

Hearings and Location. If your claim is for $25,000 or less, you may choose to have the arbitration conducted solely on the basis of (1) documents submitted to the arbitrator, (2) through a telephonic hearing, or (3) by an in-person hearing as established by the AAA Rules. If your claim exceeds $25,000, the right to a hearing will be determined by the AAA Rules. Any in-person arbitration hearings will be held at a location within the federal judicial district in which you reside unless we both agree to another location or we agree to a telephonic arbitration.

Opt Out. You may opt out of this dispute resolution procedure. If you opt out, neither you nor LG can require the other to participate in an arbitration proceeding. To opt out, you must send notice to LG no later than 30 calendar days from the date of the first consumer purchaser's purchase of the product by either: (i) sending an e-mail to optout@lge.com, with the subject line: "Arbitration Opt Out" or (ii) calling 800-980-2973. You must include in the opt out e-mail or provide by telephone: (a) your name and address; (b) the date on which the product was purchased; (c) the product model name or model number; and (d) the serial number (the serial number can be found (i) on the product; or (ii) online by accessing https://www.lg.com/us/support/repair-service/schedule-repair-continued and clicking on "Find My Model & Serial Number").

You may only opt out of the dispute resolution procedure in the manner described above (that is, by e-mail or telephone); no other form of notice will be effective to opt out of this dispute resolution procedure. Opting out of this dispute resolution procedure will not affect the coverage of the Limited Warranty in any way, and you will continue to enjoy the full benefits of the Limited Warranty. If you keep this product and do not opt out, then you accept all terms and conditions of the arbitration provision described above.
# LG Register Your Product

**LG Electronics U.S.A., Inc**

**Register Your Product**

**Activate Your Warranty**

## Register Easily with Your Phone

1. **Take a photo**
   - of the camera icon to the right

2. **Send it in:**
   - Text photo to 77228

**Need help?** Visit Photoregister.com/help or text HELP to 77228.

### Other Easy Ways to Register:

- **Register Online**

- **Register by Mail**
  - Within the next 10 days

**Shipment Details**

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<th>First Name</th>
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**Other Information**

- **Model Number**
  - 

- **Serial Number**
  - 

- **Date of Purchase**
  - 

- **Phone Number**
  - 

- **Name of Purchase Location**
  - 

**Privacy Policy**

- By checking this box, I wish to receive helpful information about my new product as well as news and offers from LG Electronics U.S.A., Inc. in accordance with the privacy policy located at [www.lgusa.com/privacy](http://www.lgusa.com/privacy).

- To update your communication preferences, please visit MyLG at [www.lgusa.com/mylg](http://www.lgusa.com/mylg). Failure to return this card will not diminish your warranty rights.

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**Copyright © 2017. All Rights Reserved.**
Thank you for purchasing an LG product. We hope you're enjoying it!

Now it's important to register your product—a quick, simple process with many benefits:

- Serves as verification of ownership if it's lost or stolen
- Helpful emails on how to make the most of your product
- Reminders about downloads and firmware updates
- More efficient warranty service
- Exclusive information on new products and innovations
- Special offers and promotions

Welcome to the LG family!