

# LED TV\* OWNER'S MANUAL

Safety and Reference

43UM6900PUA	43UM7300AUE	70UM7350PUA	50UM7600PUB	65UM6950DUE
49UM6900PUA	43UM7300PUA	70UM7370AUB	55UM7650PUB	70UM6970PUA
55UM6900PUA	43UM7310PUA	70UM7370PUA	65UM7650PUB	75UM6970PUE
65UM6900PUA	49UM7300AUE	50UM7400PUA	75UM8070PUA	55UM6910PUC
43UM7100PUA	49UM7300PUA	55UM7400PUA	82UM8070PUA	65UM7100PUA
49UM7100PUA	50UM7300AUE	65UM7400PUA	86UM8070AUB	75UM7100PUA
60UM7100DUA	50UM7300PUA	75UM7570AUE	86UM8070PUA	43UM6910PUA
70UM7170DUA	50UM7310PUA	75UM7570PUB	43UM6950DUB	55UM7100PUA
55UM7200PUA	55UM7300AUE	75UM7570PUD	49UM6950DUB	
60UM7200PUA	55UM7300PUA	82UM7570PUB	55UM6950DUB	
	65UM7300AUE	86UM7570PUB	60UM6900PUA	
	65UM7300PUA		60UM6950DUB	

\* LG LED TV applies LCD screen with LED backlights.

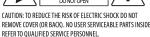
Please read this manual carefully before operating your set and retain it for future reference.

# **Important Safety Instruction**

- · Read these instruction
- · Keep these instructions
- Heed all warnings.
- Follow all instruction:
- Do not use this annaratus near water.
- · Clean only with dry cloth. Do not block any ventilation openings. Install in accordance with the manufacturer's instruction:
- · 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
- Only use attachments/accessories specified by the manufacture.
- 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 tim
- 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,

## Warning! Safety Instructions





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.

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 followin
- 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.

Be sure do grasp the plug when unplugging the power cord. Do not

Do not connect too many devices to the same AC power outlet as

nnecting the Device from the Main Powe

- The power plug is the disconnecting device. In case of an

TV may fall over, which may cause serious injury.

as death or serious injury can occur.

Outdoor Antenna Grounding (Can differ by country):

emergency, the power plug must remain readily accessible

Do not let your children climb or cling onto the TV. Otherwise, the

- 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

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

Antenna grounding according to the National Electrical Code,

TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet. Ensure that you connect the

Never touch this apparatus or antenna during a lightning storm.

Make sure the power cord is connected securely to the TV and wall

Do not insert metallic or inflammable objects into the product. If a

foreign object is dropped into the product, unplug the power cord

· Do not touch the end of the power cord while it is plugged in. You

If any of the following occur, unplug the product

immediately and contact your local customer service

socket if not secured damage to the Plug and socket may occur and

electrodes and requirements for the grounding electrode.

Grounding (Except for devices which are not grounded.)

earth ground wire to prevent possible electric shock.

You may be electrocuted.

in extreme cases a fire may break out.

and contact the customer service.

The product has been damaged

may be electrocuted.

Do not use a damaged or loosely fitting power cord

pull on the power cord to unplug the TV.

this could result in fire or electric shock.

- - Store the accessories (battery, etc.) in a safe location out of the reach of children.

- 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.

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

- 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 pane 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
- 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.
- 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 dean 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
- 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.
- 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®/





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

# **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

### **Magic Remote Control**

(Depending upon model)

### AN-MR19BA

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

# **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.



Model	43UM69* 43UM71* 43/50UM73* 50UM74* 50UM76*	49/55UM69* 49/55UM71* 55UM72* 49/55UM73* 55UM74* 55UM76*
VESA (A x B) (mm)	200 x 200	300 x 300
Standard screw	M6	M6
Number of screws	4	4
Wall mount bracket (optional)	LSW240B MSW240	OLW480B MSW240

### 70/75UM69\* 60/65UM71 70/75UM71\* 70UM73\* 65UM73\* 75/82/86UM75\* 75/82/86UM80 65UM76\* VESA (A x B) (mm) 300 x 300 600 x 400 Standard screw Number of screws

## Lifting and moving the TV

I SW640R

OIW480B

Wall mount bracket

all cables.

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 materia that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and
- 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



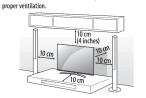
- · When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright; never turn the TV  $\,$ on its side or tilt towards the left or right
- When handling the TV, be careful not to damage the protruding



- · 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.



(Depending upon model)

2 Connect the power cord to a wall outlet.

- Do not apply foreign substances (oils Juhricants 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 product life span. Any damage or injuries caused 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

### Securing TV to the Wall

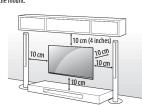


- 1 Insert and tighten the eye-bolts, or TV brackets and bolts on the back
- If there are bolts inserted at the eve-bolts position, remove the Mount the wall brackets with the bolts to the wall.
- Match the location of the wall bracket and the eve-bolts on the rea 3 Connect the eye-bolts and wall brackets tightly with a sturdy rope Make sure to keep the rope horizontal with the flat surface
- Use a platform or cabinet that is strong and large enough to support the TV securely. Brackets, bolts and ropes are not provided. You can obtain

additional accessories from your local dealer.

## Mounting to the Wall (Wall mount kit not supplied)

An optional wall mount can be used with your LG Television. Consult with your local dealer for a wall mount that supports the VESA tandard 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

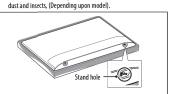


(Depending upon model)

- · 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

# When mounting a TV on the wall, make sure not to install

- the TV by hanging the power and signal cables on the
- . 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
- When installing the wall mounting bracket, it is recommended to cover the stand hole using tape, in order to prevent the influx of dust and insects, (Depending upon model).



### Connections

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

### 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 a

Make sure not to bend the conner 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.

- When connecting the HDMI cable, the product and external devices
- should be turned off and unplugged. HDMI Audio Supported Format (Depending upon model)
- DTS HD (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz / 176.4 kHz / 192 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)

- (Only UHD models •  $\{\circ\}$   $\rightarrow$   $\{\bullet\}$   $(\{\circ\}\}$ )  $\rightarrow$  [Picture]  $\rightarrow$  [Additional Settings]  $\rightarrow$  [HDMI
- ULTRA HD Deep Color]

DTS (44.1 kHz / 48 kHz / 88.2 kHz / 96 kHz),

- On: Support 4K @ 60 Hz (4:4:4, 4:2:2, 4:2:0)
- Off: Support 4K @ 60 Hz 8 bit (4:2:0) If the device connected to Input Port also supports ULTRA HD 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 ULTRA HD Deep Color] setting to off. This feature is available only on certain models which support HDMI ULTRA HD Deep Color.

7 cable.

orted 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 nection, 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
- 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
- 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]

meny 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 IISB Hills may not work. If a IISB device connected through a USB Hub is not detected, connect it directly to the USB port on When connecting via a wired LAN, it is recommended to use a CAT

# Remote RS-232C setup

To obtain the RS-232C external control setup infor

cause injury or damage the product

You can simply operate the TV functions, using the button

damage to the product.

**Using Button** 

external devices. Otherwise, this may result in injury or

When connecting external devices such as video game

enough. Otherwise, the product may fall over, which may

consoles, make sure the connecting cables are long



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

All running apps will close

- 2 You can access and adjust the menu by pressing the button when TV is on.
- 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 Mena Rents asing the bacton.							
ڻ ڻ	Turns the power off.						
_	Changes the input source.						
+-	Adjusts the volume level.						
^~	Scrolls through the saved channels.						

Note:The image shown here is for illustrative purposes only and may be subject to change.The actual number of ports and their locations may vary, depending on the model.

# Using 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. To install hatteries onen the hattery cover replace hatteries (1.5 V.AAA) matching the (+) and (-) ends to the label inside the compartment,

and close the battery cover. 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. Make sure to point the remote control toward the remote control senso

on the TV. (Batteries Not Supplied)



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

(1) (POWER) Turns the TV on or off

TV Returns to the last TV channel

(SEARCH) Shows the search mode CC/SUB Activates or deactivates the subtitles. (Q. Settings) Accesses the Quick Settings.

(INPUT) Changes the input source. Number button Enters numbers a" Accesses the IOUICK HELP1.

(DASH) Inserts a — between numbers such as 2-1 and 2-2. LIST Accesses the saved channels list. ... (MORE ACTIONS) Displays more remote control functions.

- QUICK ACCESS is a feature that allows you to enter a specified app or Live TV directly by pressing and holding the number buttons.

+VOL - Adjusts the volume level. FAV Accesses your favorite channel list.

QUICK ACCESS\*\* Edits QUICK ACCESS.

GUIDE Displays the program event according to time scheduler M (MUTE) Mutes all sounds

M" (MUTE) Accesses the [Accessibility] menu ► PAGE ➤ Moves to the previous or next screen

Streaming Service buttons Connects to the Video Streaming

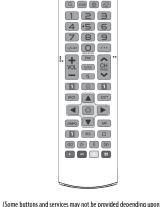
(HOME) Accesses the Home menu. (HOME) Shows the previous history.

BACK Returns to the previous screen EXIT Clears on-screen displays and returns to last input viewing. Navigation button (up / down / left / right) Scrolls through menus

(OK) Selects menus or options and confirms your input. ①INFO Shows information on the current program. SAP Enables SAP (Secondary Audio Program) Feature.

REC Starts to record, (Only Time Machine Ready supported model) . . . . . . These access special functions in some menus.

The remote control may vary depending on the model: The buttons on remote control may have a different name or location than the remote control shown in this manual.



# **Basic functions** Do not drop the product or let it fall over when connecting

# **Using Magic Remote Control**

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  $\bigoplus$  and  $\bigcirc$  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. Whe 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.

the set-top box to the universal remote control for your TV.

🚟 Accesses the saved channels list.

• • • (MORE ACTIONS) Displays more re **OUICK ACCESS** " Edits OUICK ACCESS.

or Live TV directly by pressing and holding the number buttons.

enabled by pressing the • • • button.

♣<>> — Adjusts the volume level.

(MUTE) Mutes all sounds.

voice recognition function. Once the voice display bar is activated on the TV screen, press and hold the button and speak your command

(HOME) Accesses the Home menu.

(0. Settings) Displays the [All Settings] menu.

 $\triangle \nabla \triangleleft \triangleright$  (up/down/left/right) Press the up, down, left or right button to scroll the menu. If you press  $\land 
abla < | 
abla |$  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 screen.

★ (BACK) Clears on-screen displays and returns to last inpu

Displays the program event according to time scheduler.

(INPUT) Accesses the [HOME DASHBOARD]

, , , These access special functions in some menus. D.II (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

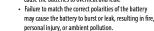
# How to deregister the Magic Remote Control

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 GUIDE button will let you cancel and re-register Magic Remote at the same time



 Do not mix new batteries with old batteries. This may cause the batteries to overheat and leak.



This apparatus uses batteries. In your community the 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.

(STB POWER) You can turn your set-top box on or off by adding Number buttons Enters numbers

" Accesses the [QUICK HELP].

—(DASH) Inserts a — between numbers such as 2-1 and 2-2.

QUICK ACCESS is a feature that allows you to enter a specified app

AD/SAP \*\* SAP (Secondary Audio Program) Feature can also be

M" (MUTE) Accesses the [Accessibility] menu.

U" (Voice recognition) Network connection is required to use the

1nt (HOME) Shows the previous history.

(Q. Settings) Accesses the Quick Settings.

(I) Wheel (OK) Press the center of the Wheel button to select a

menu. You can change channels by using the wheel buttor

Streaming Service buttons Connects to the Video Streaming

(INPUT) Changes the input source

### **User Guide**

For more information about this TV, read the USER GUIDE embedded in

 To open the USER GUIDE (3) → (1) ((3)) → [General] → [About This TV1 → [User Guide]

### Trouble:

Cannot control the

- Check if a
- · Check if th

- · 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

The TV turns off suddenly

 Check the power control settings. The power supply may be interrupted.

automatically after 15 minutes of inactivity.

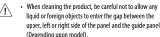
- Check if the auto-off function is activated in the settings menu
- If there is no signal while the TV is on, the TV will turn off

### 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 no 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.

 Cracking noise A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction du to temperature and humidity. This poise 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.



liquid or foreign objects to enter the gap between the upper, left or right side of the panel and the guide panel,



- Make sure to wring any excess water or cleaner from the
- Do not spray water or cleaner directly onto the TV screen · Make sure to spray just enough of water or cleaner onto 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)

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

(Except for 43/49/55/60/65UM69\*)

Wireless module (LGSBWAC92) Specifications								
Wireless LAN (IEEE	802.11a/b/g/n/ac)							
Frequency Range	Output Power (Max.)							
2400 to 2483.5 MHz	18 dBm							
5150 to 5725 MHz	18 dBm							
5725 to 5850 MHz	18 dBm							
Blue	tooth							
Frequency Range Output Power (Max.)								
2400 to 2483.5 MHz 8 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.

nsideration 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. ECC ID: BEILGSRWAC9

FACR1) Specifications

IC: 2703H-LGSBWAC9

eshooting	(Only 43/49/55/60/65UM69*)	
e TV with the remote control.	Wireless module	(LGSWE

Check if anything such as tape has been placed over the receiver.     Check if there is any obstacle between the product and the remote	Wireless LAN (IEEE	802.11a/b/g/n/ac)		
control.	Frequency Range	Output Power (Max.)		
Replace the batteries with new fresh ones. No image display and no sound is produced.	2400 to 2483.5 MHz	20 dBm		

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

or consideration of the user, this device should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the device FCC ID: BEJLGSWFAC8

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

# **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.

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.



## 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 transmitte

# Regulatory **FCC NOTICE**

(For USA)

This equipment has been tested and found to comply with the limit for a Class B digital device, pursuant to Part 15 of the FCC Rules. hese 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. 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 the 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 harmfu iterference 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 voice the user's authority to operate the equipment.

### **FCC RF Radiation Exposure** Statement

Licenses

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

This equipment complies with ECC 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

# NOTE TO CABLE/TV INSTALLER

(For USA)

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

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

>	Refers to alternating current (AC).					
	Refers to direct current (DC).					
	Refers to class II equipment.					
Ф	Refers to stand-by.					
	Refers to "ON" (power).					
4	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 wher e-waste regulations are in place, and also provides product take-back & recycling service voluntarily in some regions. LG Electronics evaluate 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.la.com/recycling

# REFURBISHED PRODUCT LIMITED NINETY DAYS WARRANTY

The **Refurbished Product Service Center** offers the following WARRANTY to the ORIGINAL purchaser of a product which we have refurbished

This product that has been refurbished is warranted against any electronic or mechanical defects for a period of NINETY DAYS from the date of the original purchase by the consumer. Since this unit was sold as a refurbished item, the warranty does not apply to any cosmetic appearance items such as scratches. Should a defect occur, the Refurbished Product Service Center will repair or, at its option, replace defective unit/parts with new or rebuilt materials without charge for either parts or labor. Replacement unit/parts will be warranted for the remaining portion of the original warranty period.

This warranty does not cover installation or damage from accident, misuse, abuse, improper wiring, incorrect voltage, operating the unit against the instructions in the owner's manual or any product which has been opened, altered or tampered with

This warranty does not cover costs for removal and or installation of the unit for repair. Under no circumstances shall the service center be liable for any special, incidental or consequential damages or for any other expenses incurred by reason of use or sale of this product. This warranty is in lieu of any other warranties expressed or implied warranty of merchantability of fitness for particular use or otherwise

This warranty gives the consumer specific legal rights and they may also have other rights which vary from State to State. Some States do not follow the exclusion or limitation of incidental or consequential damages, hence the above exclusion and limitations may not apply.

> Refurbished Product Service Center 13225 Marquardt Avenue Santa Fe Springs, CA 90670.

# WARRANTY REPAIR INFORMATION

If you need service on your unit and this product requires repair during the 90 days warranty period; please go to www.ConsumerService-Refurbish.com or call the Refurbished Product Service Center at 562-946-3531 to obtain the required return authorization (RA) number. Pack the unit properly (the original carton is ideal for this purpose) along with a copy of your purchase receipt and a letter describing the problem. Send the unit freight prepaid and insured to:

Refurbished Product Service Center, Att: Customer Service Department 13225 Marquardt Avenue Santa Fe Springs, CA 90670

Your unit will be promptly repaired and returned to you. We will refuse to accept delivery of the returned unit unless the assigned RA number appears on the outside of the shipping carton.

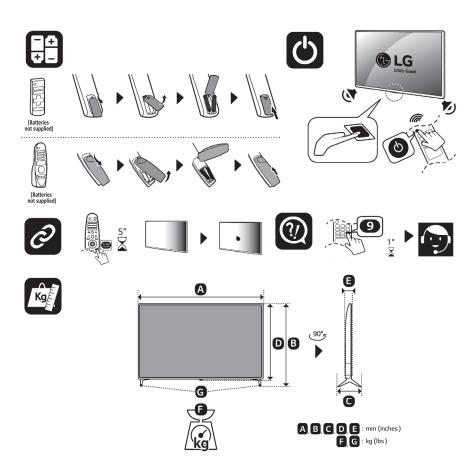
# **Owner's Information**

(Keep for your permanent records)

AME:	
DDRESS:	
ITY:	_ STATE: ZIP CODE:
HONE:	_E-MAIL:
IODEI ·	SERIAL NO:



PRINTED IN MEXICO SC:03.12.19 / TAB / Elbrd: J.E OBPN:\*MFL71100902\* SHNMDL:55UM6910PUC B



MODELS	•	3	0	3	0	•	C	D	<b>a a</b>		<b>3</b> -G		Power consumption		
49UM7300PUA	1,110 (43.7)	1 110 (43,7)	709 (27.9)	709 (27,9)	231 (9.0)	231 (9,0)	650 (25.5)	650 (25,5)	81.1 (3.1)	81,1 (3,1)	11.3 (24.9)	11,3 (24,9)	11.1 (24.4)	11,1 (24,4)	120 W
49UM7300AUE	1,110 (43.7)	1 110 (43,7)	705 (27.7)	705 (27,7)	235 (9.2)	235 (9,2)	650 (25.5)	650 (25,5)	81.1 (3.1)	81,1 (3,1)	11.3 (24.9)	11,3 (24,9)	11.1 (24.4)	11,1 (24,4)	120 00
50UM7300PUA 50UM7310PUA	1,130 (44.4)	1 130 (44,4)	722 (28.4)	722 (28,4)	231 (9.0)	231 (9,0)	663 (26.1)	663 (26,1)	86.3 (3.3)	86,3 (3,3)	11.5 (25.3)	11,5 (25,3)	11.3 (24.9)	11,3 (24,9)	135 W
50UM7300AUE	1,130 (44.4)	1 130 (44,4)	719 (28.3)	719 (28,3)	235 (9.2)	235 (9,2)	663 (26.1)	663 (26,1)	86.3 (3.3)	86,3 (3,3)	11.4 (25.1)	11,4 (25,1)	11.3 (24.9)	11,3 (24,9)	135 W
55UM7300PUA	1,244 (48.9)	1 244 (48,9)	786 (30.9)	786 (30,9)	231 (9)	231 (9)	726 (28.5)	726 (28,5)	87.1 (3.4)	87,1 (3,4)	14.5 (31.9)	14,5 (31,9)	14.3 (31.5)	14,3 (31,5)	160 W
55UM7300AUE	1,244 (48.9)	1 244 (48,9)	783 (30.8)	783 (30,8)	235 (9.2)	235 (9,2)	726 (28.5)	726 (28,5)	87.1 (3.4)	87,1 (3,4)	14.4 (31.7)	14,4 (31,7)	14.3 (31.5)	14,3 (31,5)	160 W
65UM7300PUA	1,463 (57.5)	1 463 (57,5)	914 (35.9)	914 (35,9)	269 (10.5)	269 (10,5)	850 (33.4)	850 (33,4)	87.8 (3.4)	87,8 (3,4)	21.6 (47.6)	21,6 (47,6)	21.3 (46.9)	21,3 (46,9)	195 W
65UM7300AUE	1,463 (57.5)	1 463 (57,5)	910 (35.8)	910 (35,8)	255 (10.0)	255 (10,0)	850 (33.4)	850 (33,4)	87.8 (3.4)	87,8 (3,4)	21.5 (47.3)	21,5 (47,3)	21.3 (46.9)	21,3 (46,9)	193 W
70UM7370PUA 70UM7350PUA 70UM7370AUB	1,578 (62.1)	1 578 (62,1)	984 (38.7)	984 (38,7)	299 (11.7)	299 (11,7)	913 (35.9)	913 (35,9)	91.1 (3.5)	91,1 (3,5)	31.4 (69.2)	31,4 (69,2)	30.7 (67.6)	30,7 (67,6)	225 W
F	Power requirement						AC 120 V ~ 50 / 60 Hz								

804009506

OBPN:

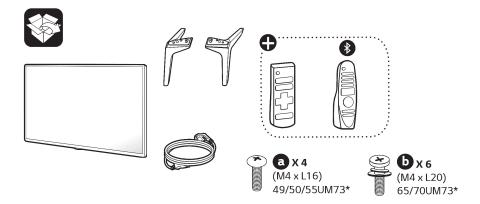
PRINTED IN MEXICO / SC:11.07.19 / 2P / Elbrd: J.E OBPN:\*MFL71059802\* / SHNMDL:55UM7300AUE\_B



 49UM7300PUA
 50UM7310PUA
 55UM7300AUE
 70UM7370PUA

 49UM7300AUE
 50UM7300AUE
 65UM7300PUA
 70UM7350PUA

 50UM7300PUA
 55UM7300PUA
 65UM7300AUE
 70UM7370AUB



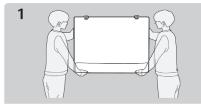
## Read Safety and Reference.

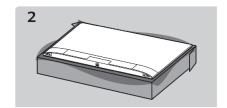
### Easy Setup Guide

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

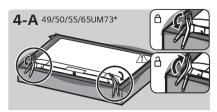


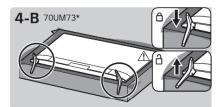


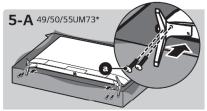


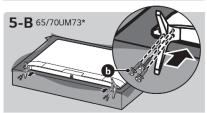








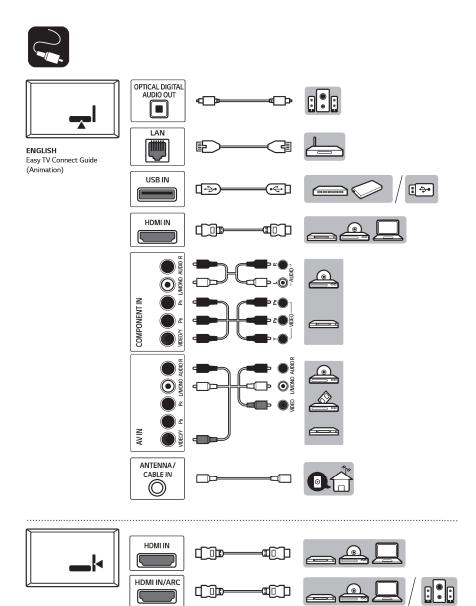






• Depending upon model

Note: The image shown here is for illustrative purposes only and may be subject to change. The actual number of ports and their locations may vary depending on the model.



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

USB IN