



**ENGLISH** Easy Setup Guide

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

**ESPAÑOL** Guía Rápida de Configuración

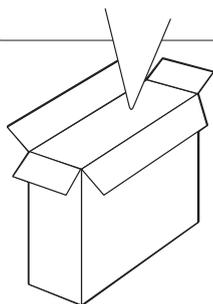
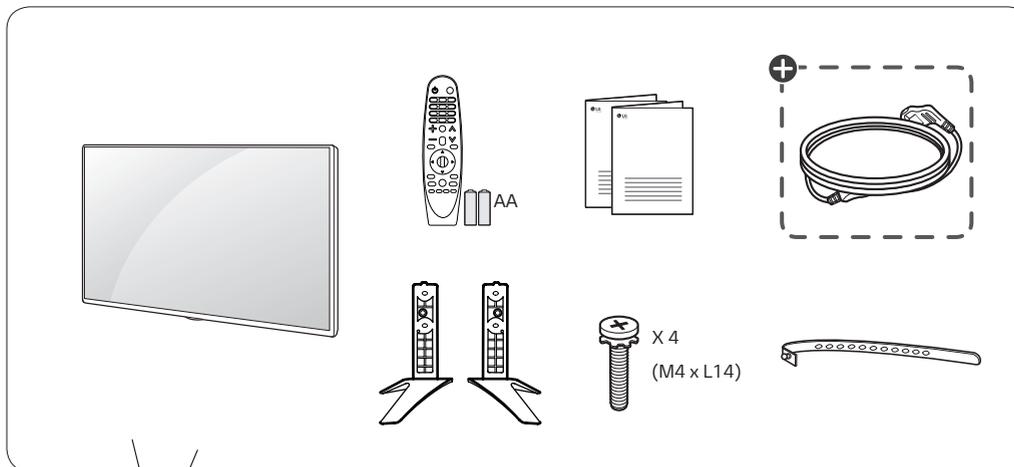
Lea atentamente este manual antes de poner en marcha el equipo y consérvelo para futuras consultas.

**LED TV**

43UF6900 43UF690T

49UF6900 49UF690T

70UF7300 70UF730T



**+** : **ENGLISH** Depending upon model  
**ESPAÑOL** Según el modelo

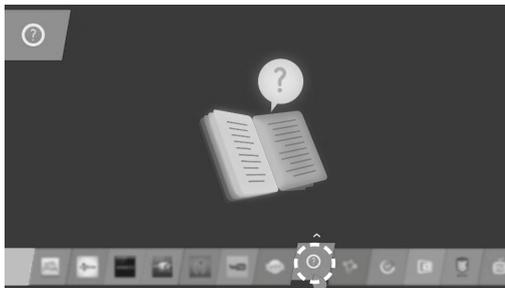
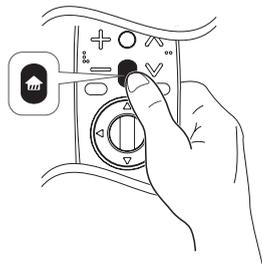


[www.lg.com](http://www.lg.com)

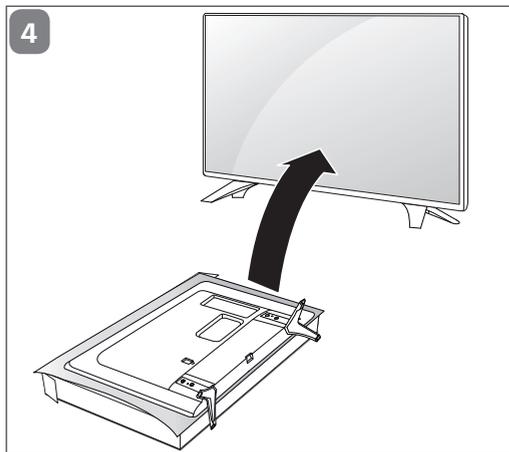
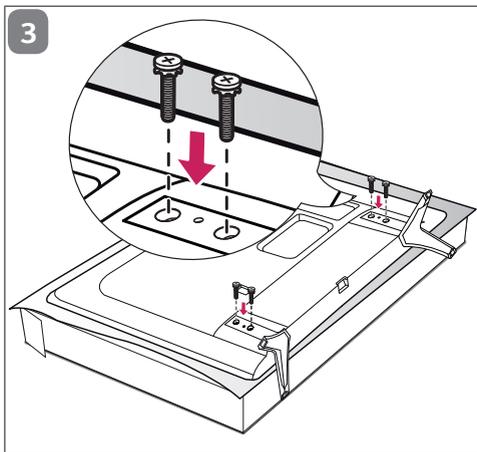
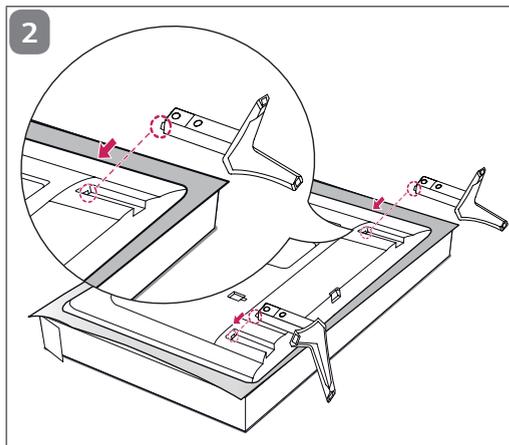
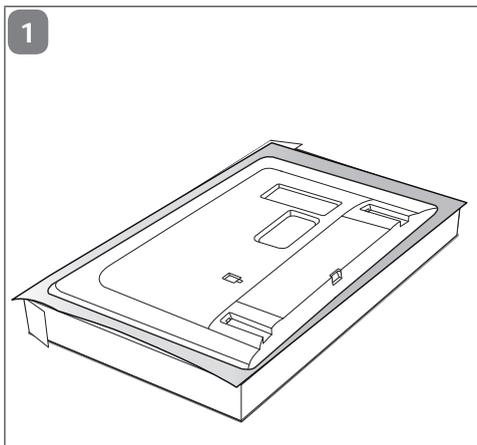
P/No : MFL68684915 (1507-REV01)



**ENGLISH** Read **Safety and Reference**.  
**ESPAÑOL** Leer **Seguridad y Consultas**.



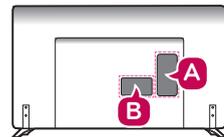
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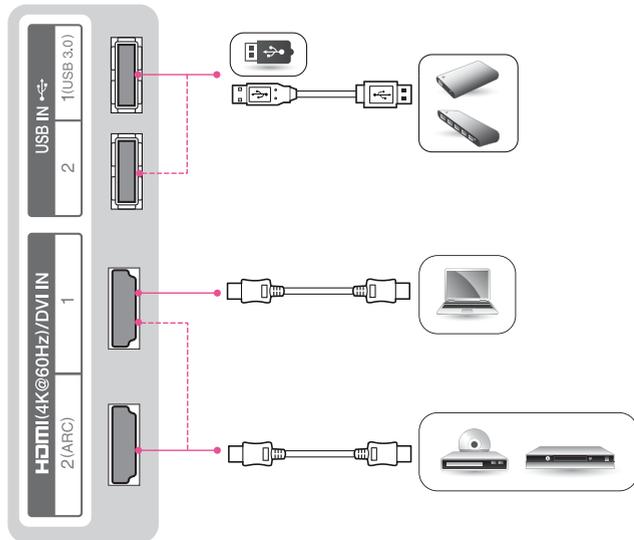
ENGLISH  
ESPAÑOL

Image shown may differ from your TV.  
La imagen puede ser diferente a la de su televisor.

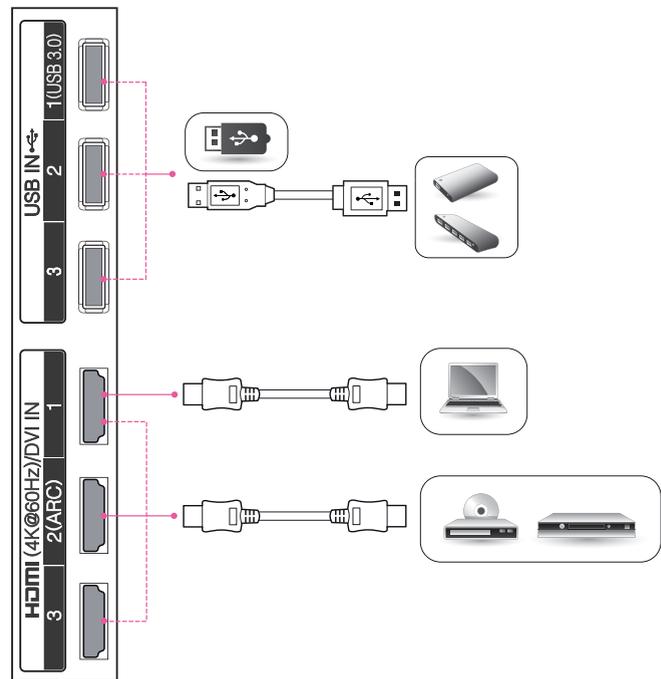


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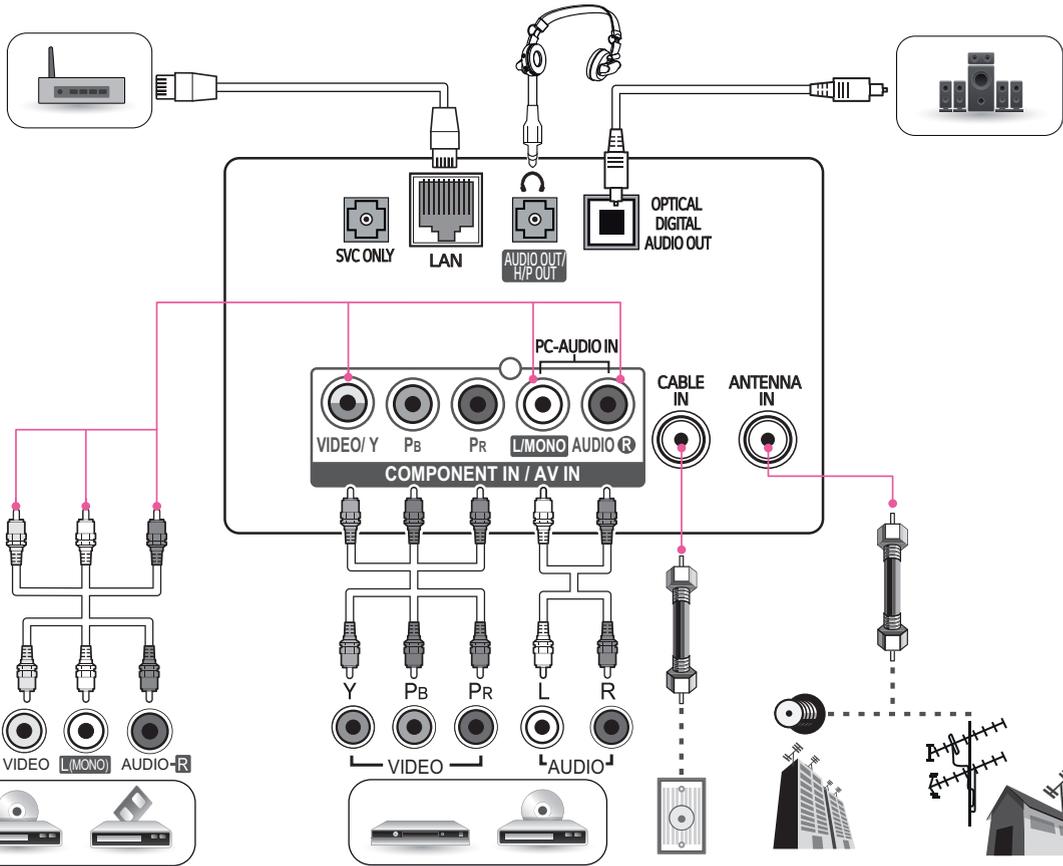
43/49UF6900, 43/49UF690T



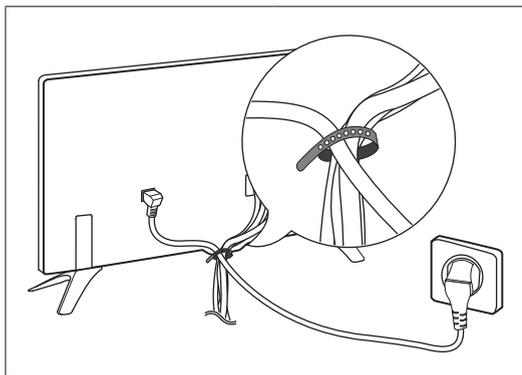
70UF7300, 70UF730T



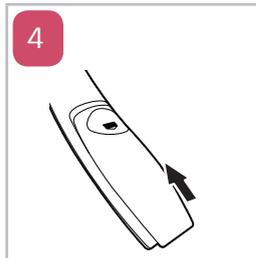
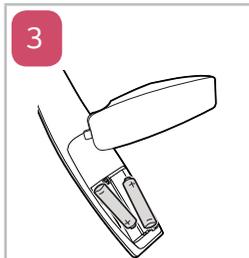
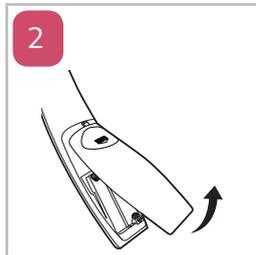
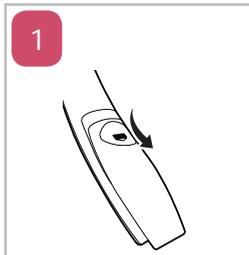
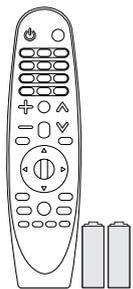
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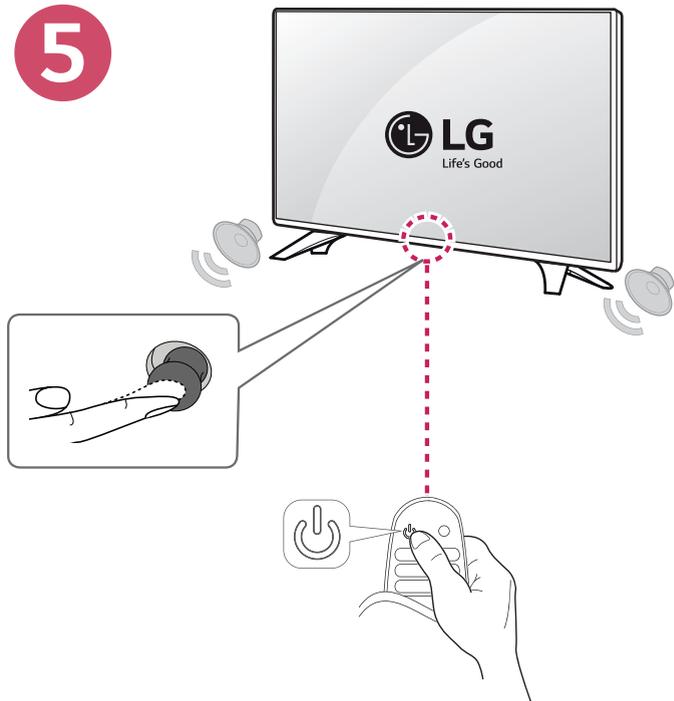
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4



5



ENGLISH

MODELS		43UF6900 (43UF6900-SC)	49UF6900 (49UF6900-SC)	70UF7300 (70UF7300-SV)
		43UF6900 (43UF6900-SD)	49UF6900 (49UF6900-SD)	70UF730T (70UF730T-DV)
		43UF690T (43UF690T-DC)	49UF690T (49UF690T-DC)	
Dimensions (W x H x D)	With stand (mm)	971 x 624 x 198	1,103 x 698 x 198	1,572 x 971 x 279
	Without stand (mm)	971 x 575 x 39.9	1,103 x 650 x 39.9	1,572 x 909 x 59.7
Weight	With stand (kg)	11.0	14.7	30.1
	Without stand (kg)	10.7	14.4	28.7
Power requirement		AC 100 - 240 V ~ 50 / 60 Hz		
Current value / Power consumption		0.9 A / 90 W	1.1 A / 110 W	2.2 A / 220 W

ESPAÑOL

MODELOS		43UF6900 (43UF6900-SC)	49UF6900 (49UF6900-SC)	70UF7300 (70UF7300-SV)
		43UF6900 (43UF6900-SD)	49UF6900 (49UF6900-SD)	70UF730T (70UF730T-DV)
		43UF690T (43UF690T-DC)	49UF690T (49UF690T-DC)	
Dimensiones (Ancho x altura x profundidad)	Con base (mm)	971 x 624 x 198	1 103 x 698 x 198	1 572 x 971 x 279
	Sin base (mm)	971 x 575 x 39,9	1 103 x 650 x 39,9	1 572 x 909 x 59,7
Peso	Con base (kg)	11,0	14,7	30,1
	Sin base (kg)	10,7	14,4	28,7
Potencia requerida		AC 100 - 240 V ~ 50 / 60 Hz		
Corriente de consumo / Consumo de la potencia		0,9 A / 90 W	1,1 A / 110 W	2,2 A / 220 W

\* M F L 6 8 6 8 4 9 1 5 \*





OWNER'S MANUAL

# Safety and Reference

LED TV\*

\* LG LED TVs are LCD TVs with LED backlighting.

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

43UF6800	49UH6230	40UF7700	60UF7700	58UF8300	55UF9500
49UF6800	55UH6230	43UF7700	65UF7700	49UF8500	65UF9500
55UF6800	43UF6900	49UF7700	70UF7700	55UF8500	79UF9500
65UF6800	49UF6900	55UF7700	79UF7700	60UF8500	55UG8700
	70UF7300			65UF8500	65UG8700



\* M F L 6 8 7 4 1 5 1 2 \*

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P/NO : MFL68741512 (1603-REV06)

# Important Safety Instructions

Always comply with the following precautions to avoid dangerous situations and ensure peak performance of your product.



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

**⚡** The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

**!** The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

## WARNING/CAUTION

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

## ! WARNING

If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death.

## ! CAUTION

If you ignore the caution message, you may be slightly injured or the product may be damaged.

## ! NOTE

The note helps you understand and use the product safely. Please read the note carefully before using the product.

Read these instructions.  
Keep these instructions.  
Heed all warnings.  
Follow all instructions.



- Do not use this apparatus near water.



- Clean only with a 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 (Can differ by country).



- 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 a 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, objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



- 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.



- Do not stick metal objects or any other conductive material into the power cord. Do not touch the end of the power cord while it is plugged in.
- Keep the packing anti-moisture material or vinyl packing out of the reach of children. Anti-moisture material is harmful if swallowed. If swallowed, induce vomiting and go to the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.



- **Warning** - To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids. Do not touch the TV with wet hands. Do not install this product near flammable objects such as gasoline or candles, or expose the TV to direct air conditioning.



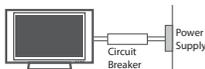
- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g., on shelves above the unit).



## • Grounding

(Except for devices which are not grounded.) Ensure that you connect the earth ground wire to prevent possible electric shock (i.e., a TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet).

If grounding methods are not possible, have a qualified electrician install a separate circuit breaker. Do not try to ground the unit by connecting it to telephone wires, lightning rods, or gas pipes.



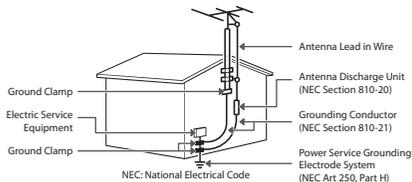
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.
- Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user's authority to operate this product.

## • 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



## • Cleaning

When cleaning, unplug the power cord and wipe gently with a soft cloth to prevent scratching. Do not spray water or other liquids directly on the TV as electric shock may occur. Do not clean with chemicals such as alcohol, thinners, or benzene.

## • 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.

## • Ventilation

Install your TV where there is proper ventilation. Do not install in a confined space such as a bookcase. Do not cover the product with cloth or other materials while plugged in. Do not install in excessively dusty places.

- If you smell smoke or other odors coming from the TV, unplug the power cord and contact an authorized service center.
- Keep the product away from direct sunlight.
- Never touch this apparatus or antenna during a lightning storm.
- 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 allow an impact shock or any objects to fall into the product, and do not drop anything onto the screen.

## • 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.

## • Batteries

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

- 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.
- Do not dispose of batteries in a fire.
- Do not short circuit, disassemble, or allow the batteries to overheat.
- Do not use high voltage electrical equipment near the TV, (e.g., a bug zapper). This may result in product malfunction.

## • Dot Defect

The panel is a high technology product with resolution of two million to six million pixels. In a very few cases, you could see fine dots on the screen while you're viewing the TV. Those dots are deactivated pixels and do not affect the performance and reliability of the TV.

### • **Generated Sound**

**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.

- Take care not to touch the ventilation openings. When watching the TV for a long period, the ventilation openings may become hot. This does not affect the performance of the product or cause defects in the product.
- 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.
- 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.
- 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 an extended length of time.

## Viewing 3D Imaging (For 3D models)

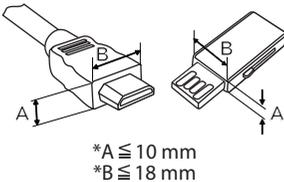
### CAUTION

- Guardians should not leave children unsupervised who are watching a 3D video. Guardians should make children stop watching the video and take a rest if they experience eye fatigue, headache, or dizziness.
- When viewing a 3D video, some may experience discomfort such as a headache, dizziness, fatigue, or blurred vision. In this case, stop watching the 3D video and take a rest.
- If you watch a 3D video for a long time, you may experience eye fatigue. In this case, stop watching the 3D video and take a rest.
- Only use LG 3D glasses. Otherwise, you may not be able to view 3D videos properly.
- Do not use 3D glasses instead of your normal glasses, sunglasses, or protective goggles. Place the 3D glasses over your normal eye ware.
- Do not keep your 3D glasses in extremely high or low temperatures. It will cause deformation.
- Do not use the 3D glasses while walking or moving around. It may cause an accident or injury.
- Be careful not to poke your eye with the frames of the 3D glasses.
- Do not watch 3D content if you have photosensitive seizures, epilepsy, or heart disease.

## Preparing

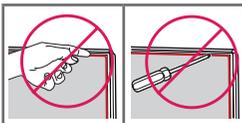
### NOTE

- When the TV is turned on for the first time after being shipped from the factory, initialization of the TV may take approximately one minute.
- 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 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 thick and 18 mm 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 or less)
  - High-Speed HDMI<sup>®</sup>/TM cable
  - High-Speed HDMI<sup>®</sup>/TM cable with Ethernet



### CAUTION

- Do not use any unapproved items to ensure the safety and product's lifespan.
- Any damages or injuries by using unapproved items are not covered by the warranty.
- Some models appear to have a thin film on the screen. It is actually part of the screen; do not remove it.
- Do not remove the panel with your fingers or any tools. Doing so may damage the product. (For 55/65UF9500)



- 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.
- 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 be worn out and become loose.

## Optional Extras

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

(Depending upon model)

<b>AG-F***</b> Cinema 3D Glasses	<b>AG-F***DP</b> Dual Play Glasses	<b>AN-VC550</b> Smart Camera
<b>AN-MR600</b> Magic Remote	<b>LG Audio Device</b>	

## Maintenance

### Cleaning Your TV

Clean your TV regularly to keep it at peak performance and to extend the product's lifespan.

### CAUTION

- Before cleaning, turn the power off and disconnect the power cord and all other cables.
- When the TV is left unattended or unused for a long time, disconnect the power cord from the wall outlet to prevent possible damage from lightning or power surges.

### Screen, Frame, Cabinet, and Stand

To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth.

To remove major dirt, wipe the surface with a soft cloth dampened in clean water or a diluted mild detergent. Then wipe immediately with a dry cloth.

## ⚠ CAUTION

- Do not push, rub, or hit the surface with your fingernail or a sharp object, as this may result in scratches on the screen and image distortions.
- Do not use any chemicals, such as waxes, benzene, alcohol, thinners, insecticides, air fresheners, or lubricants, as these may damage the screen's finish and cause discoloration.
- Do not spray liquid onto the surface. If water enters the TV, it may result in fire, electric shock, or malfunction.

## Power Cord

Remove the accumulated dust or dirt on the power cord regularly.

## Lifting and Moving the TV

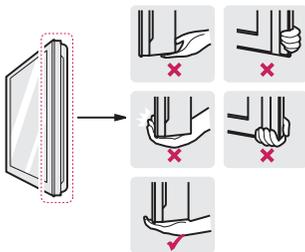
When moving or lifting the TV, read the following to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.

- 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.

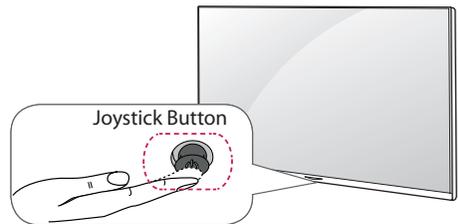
## ⚠ CAUTION

- 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.
- Do not move the TV by holding the cable holders, as the cable holders may break, and injuries and damage to the TV may occur. (Depending upon model)

## Using the Joystick Button

(Depending upon model)  
(Image shown may differ from your TV.)

You can operate the TV by pressing the button or moving the joystick left, right, up, or down.



## Basic Functions

	<b>Power On</b>	When the TV is turned off, place your finger on the joystick button, press it once, and release it.
	<b>Power Off</b>	When the TV is turned on, place your finger on the joystick button, press it once for a few seconds, and release it. All running apps will close and any recording in progress will stop.
	<b>Volume Control</b>	If you place your finger over the joystick button and move it left or right, you can adjust the volume level.
	<b>Channels Control</b>	If you place your finger over the joystick button and move it up or down, you can scroll through the saved channels.

## ⚠ NOTE

- With your finger over the joystick button, move it up, down, left, or right. Be careful not to press the joystick button. If you press the joystick button first, you may not be able to adjust the volume level and/or scroll through saved channels.

## Adjusting the Menu

When the TV is turned on, press the joystick button one time.

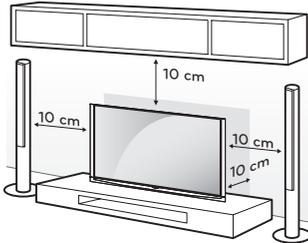
You can adjust the menu items moving the joystick button up, down, left, or right.

	Turns the power off.
	Accesses the quick settings.
	Clears on-screen displays and returns to TV viewing.
	Changes the input source.

## Mounting on a Table

(Image shown may differ from your TV.)

- 1 Lift and tilt the TV into its upright position on a table.
  - Leave a 10 cm (minimum) space from the wall for proper ventilation.



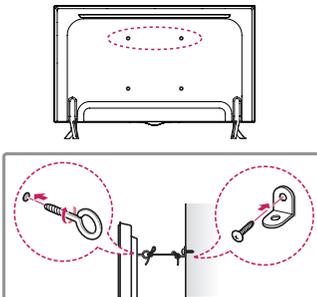
- 2 Connect the power cord to a wall outlet.

### CAUTION

- Do not place the TV near or on sources of heat, as this may result in fire or other damage.

## Securing the TV to a Wall (optional)

(Depending upon model)



- 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.

### CAUTION

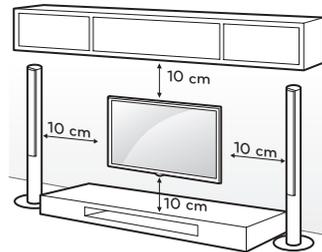
- Make sure that children do not climb on or hang on the TV.

### NOTE

- 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.

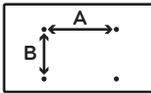
## Mounting on a Wall

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.



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

<b>Model</b>	43UF6800 43UF6900 40/43UF7700	49/55UH6230 49/55UF6800 49UF6900 49/55UF7700 49/55UF8500 55UF9500 55UG8700
<b>VESA (A x B)</b>	200 x 200	300 x 300
<b>Standard screw</b>	M6	M6
<b>Number of screws</b>	4	4
<b>Wall mount bracket (optional)</b>	MSW240 LSW240B	MSW240 LSW350B
<b>Model</b>	65UF6800 60/65UF7700 58UF8300 60/65UF8500 65UF9500 65UG8700	70UF7300 70/79UF7700 79UF9500
<b>VESA (A x B)</b>	300 x 300	600 x 400
<b>Standard screw</b>	M6	M8
<b>Number of screws</b>	4	4
<b>Wall mount bracket (optional)</b>	LSW350B	LSW640B

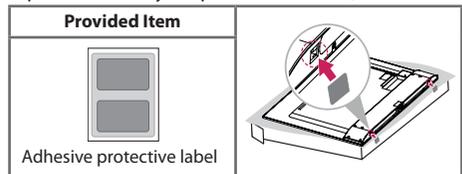


### ⚠ CAUTION

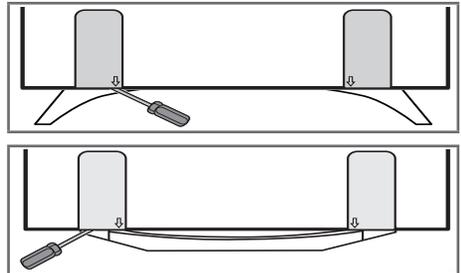
- Disconnect the power before moving or installing the TV. Otherwise electric shock may occur.
- Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse.
- If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury. Use an authorized LG wall mount and contact the local dealer or qualified personnel. When using a third-party wall mount, it is not covered by the warranty.
- Do not overtighten the screws as this may cause damage to the TV and void your warranty.
- Use the screws and wall mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty.

### ! NOTE

- Use the screws that are listed in the VESA standard screw specifications.
- The wall mount kit includes an installation manual and necessary parts.
- The wall mount bracket is optional. You can obtain additional accessories from your local dealer.
- The length of screws may differ depending upon the wall mount. Make sure to use the proper length.
- For more information, refer to the manual supplied with the wall mount.
- When using the wall mounting bracket, apply the adhesive protective label to cover the unused stand openings. This will prevent the accumulation of dust and dirt. (Use only when provided with your particular model.)



- Depending upon the shape of the stand, use a flat tool to remove the stand cover as illustrated below. (e.g., a flat screwdriver)



## Connections (Notifications)

You can connect various external devices to the TV. Supported external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices. For more information on an external device's connection, refer to the manual provided with each device.

### NOTE

- If you record a TV program on a 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.

## Connecting to an Antenna or Cable

Connect an antenna, cable, or cable box to watch TV. The RF cable may not be supplied, depending upon the model.

### CAUTION

- Make sure not to bend the copper wire of the RF cable.



Copper wire

- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your TV.

### NOTE

- To improve the picture quality in a poor signal area, purchase a signal amplifier.
- Use a signal splitter to use 2 TVs or more.
- If the antenna is not installed properly, contact your dealer for assistance.
- DTV Audio Supported Codec: MPEG, AAC, HE-AAC, Dolby Digital.
- Direct ULTRA HD broadcast is unavailable in areas without an ULTRA HD signal.
- This TV cannot receive ULTRA HD (3840 x 2160 pixels) broadcasts directly because the related standards have not been confirmed. (Depending upon model)

## 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. Depending upon the model, a cable may not be provided.

### NOTE

-  →  →  → **PICTURE** → **HDMI ULTRA HD Deep Color**:
  - **On**: Support 4K @ 50/60 Hz (4:4:4, 4:2:2, 4:2:0)
  - **Off**: Support 4K @ 50/60 Hz (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, connect the device to a different HDMI port or change the device to 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.
- HDMI Audio Supported Format:
  - DTS (44.1 kHz / 48 kHz),
  - AC3 (32 kHz / 44.1 kHz / 48 kHz),
  - PCM (32 kHz / 44.1 kHz / 48 kHz / 96 kHz / 192 kHz)
  - (Depending upon model)

## Magic Remote Functions

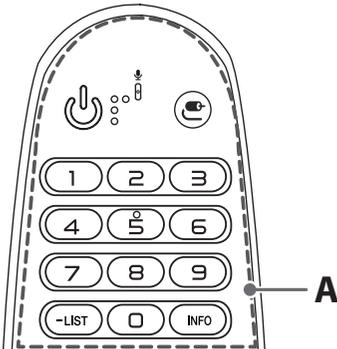
(Image shown may differ from your TV.)

When the message *Magic remote battery is low. Change the battery.* is displayed, replace the battery. To install batteries, open the battery cover, replace batteries (1.5 V AA) matching  $\oplus$  and  $\ominus$  ends to the label inside the compartment, and close the battery cover. 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. Be sure to point the remote control at 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.

### ⚠ CAUTION

- Do not mix old and new batteries, as this may damage the remote control.



### A

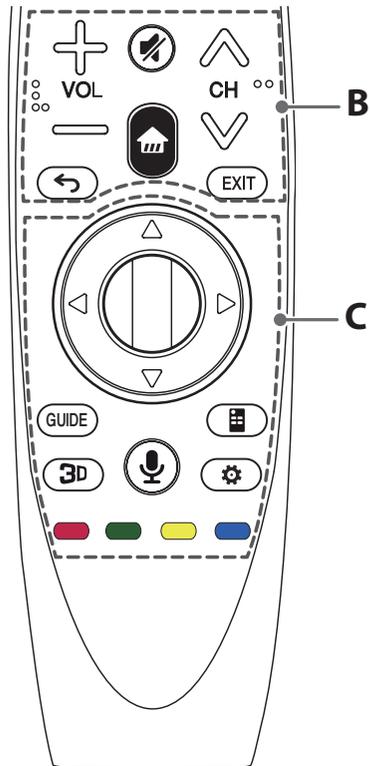
- ⏻ (POWER)** Turns the TV on or off.
- 📺 (INPUT)** Changes the input source.  
\* Pressing and holding the **📺 (INPUT)** button displays all the lists of external inputs.

**Number button** Enters numbers.

**- (Dash)** Inserts a dash between numbers such as 2-1 and 2-2.

**LIST** Accesses the saved channel list.

**INFO** Views the information of the current channels and screen.



### B

- + VOL -** Adjusts the volume level.
- 🔇 (MUTE)** Mutes all sounds.
- 🏠 (Home)** Accesses the Home menu.
- ⬆ CH ⬆** Scrolls through the saved channels.
- ⬅ (Back)** Returns to the previous screen.
- EXIT** Clears all on-screen displays and returns to TV viewing.

### C

**⬆ ⬇ ⬅ (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.

**⓪ Wheel (OK)** Press the center of the Wheel button to select a menu. You can change channels by using the Wheel button.

**GUIDE** Displays the program event according to time scheduler.

 **(Screen Remote)** Displays the Screen Remote.

\* Accesses the Universal Control Menu in some regions.

 **3D** Used for viewing 3D video. (For 3D models)

 **(Voice recognition)** Network connection is required to use the voice recognition function.

1. Press the voice recognition button.
2. Speak when the voice display window appears on TV screen.
  - Use the Magic Remote no further than 10 cm from your face.
  - The voice recognition may fail when you speak too fast or too slowly.
  - The recognition rate may vary depending upon the user's characteristics (voice, pronunciation, intonation, and speed) and the environment (noise and TV volume).

 **(Q. Settings)** Accesses the quick settings.

\* Pressing and holding the  **(Q. Settings)** button displays the **Advanced** menu.

**Color buttons** These access special functions in some menus.

( Red,  Green,  Yellow,  Blue)

## Registering Magic Remote

### How to register the Magic Remote

 <b>(Wheel)</b>	To use the Magic Remote, first pair it with your TV.
	<ol style="list-style-type: none"> <li>1 Put batteries into the Magic Remote and turn the TV on.</li> <li>2 Point the Magic Remote at your TV and press the  <b>Wheel (OK)</b> on the remote control.           <ul style="list-style-type: none"> <li>• If the TV fails to register the Magic Remote, try again after turning the TV off and back on.</li> </ul> </li> </ol>

### How to deregister the Magic Remote

 <b>(Back)</b> <b>(Home)</b>	<p>Press the  <b>(Back)</b> and  <b>(Home)</b> buttons at the same time, for five seconds, to unpair the Magic Remote with your TV.</p> <ul style="list-style-type: none"> <li>• Pressing and holding the <b>EXIT</b> button will let you cancel and re-register Magic Remote at once.</li> </ul>
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## How to Use Magic Remote

	<ul style="list-style-type: none"> <li>• Shake the Magic Remote slightly to the right and left or press  <b>(Home)</b>,  <b>(INPUT)</b>,  <b>3D</b> buttons to make the pointer appear on the screen. (In some TV models, the pointer will appear when you turn the Wheel button.)</li> <li>• If the pointer has not been used for a certain period of time or Magic Remote is placed on a flat surface, then the pointer will disappear.</li> <li>• If the pointer does not move as you wish, shake Magic Remote to the left and right. The pointer will move to the center of the screen.</li> <li>• The Magic Remote depletes batteries faster than a normal remote due to the additional features.</li> </ul>
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## Precautions to Take When Using the Magic Remote

- Use the Magic Remote within the maximum communication distance 10 m. Using the remote control beyond this distance, or with an object obstructing it, may cause a communication failure.
- A communication failure may occur due to nearby devices. Electrical devices such as a microwave oven or wireless LAN product may cause interference, as these use the same bandwidth (2.4 GHz) as the Magic Remote.
- The Magic Remote may be damaged or may malfunction if it is dropped or receives a heavy impact.
- Take care not to bump into nearby furniture or other people when using the Magic Remote.
- Manufacturer and installer cannot provide service related to human safety as the applicable wireless device has possibility of electromagnetic interference.
- It is recommended that an Access Point (AP) be located more than 1 m away from the TV. If the AP is installed closer than 1 m, the Magic Remote may not perform as expected due to frequency interference.

## Licenses

Supported licenses may differ by model. For more information about licenses, visit [www.lg.com](http://www.lg.com).



## 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](mailto:opensource@lge.com). This offer is valid for three (3) years from the date on which you purchased the product.

## External Control Device Setup

To obtain the external control device setup information, please visit [www.lg.com](http://www.lg.com). (Depending upon model)

## 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 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 **Sleep Timer / Timer Power Off** feature is activated in the **TIMERS** settings.
  - If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.

## Specifications

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

### Television System

NTSC, PAL-M/N, SBTVD

### Program Coverage

VHF 2-13, UHF 14-69, DTV 2-69, CATV 1-135

### External Antenna Impedance

75  $\Omega$

### Environment Condition

- **Operating Temperature**  
0 °C to 40 °C
- **Operating Humidity**  
Less than 80 %
- **Storage Temperature**  
- 20 °C to 60 °C
- **Storage Humidity**  
Less than 85 %

## Wireless Module (LGSBW41) Specifications

(For UH6230, UF6800, UF6900, UF7300, UF7700, UF8300, UF8500, UG8700 series and 79UF9500)

Wireless LAN		Bluetooth	
<b>Standard</b>	IEEE 802.11a/b/g/n	<b>Standard</b>	Bluetooth Version 4.0
<b>Frequency range</b>	2400 to 2483.5 MHz 5150 to 5250 MHz 5725 to 5850 MHz	<b>Frequency range</b>	2400 to 2483.5 MHz
<b>Output power (Max.)</b>	802.11a: 11.5 dBm 802.11b: 11 dBm 802.11g: 10.5 dBm 802.11n - 2.4 GHz: 11 dBm 802.11n - 5 GHz: 12.5 dBm	<b>Output power (Max.)</b>	10 dBm or Lower
<ul style="list-style-type: none"> <li>• Because band channel used by the country could be different, the user can not change or adjust the operating frequency and this product is set for the regional frequency table.</li> <li>• This device should be installed and operated with minimum distance 20 cm between the device and your body. And this phrase is for the general statement for consideration of user environment.</li> <li>• Contains FCC ID: BEJLGSBW41 / Contains IC: 2703H-LGSBW41</li> </ul>			

## Wireless Module (LGSBW51) Specifications

(For 55/65UF9500)

Wireless LAN		Bluetooth	
<b>Standard</b>	IEEE 802.11a/b/g/n/ac	<b>Standard</b>	Bluetooth Version 4.0
<b>Frequency range</b>	2400 to 2483.5 MHz 5150 to 5250 MHz 5725 to 5850 MHz	<b>Frequency range</b>	2400 to 2483.5 MHz
<b>Output power (Max.)</b>	802.11a: 15 dBm 802.11b: 17 dBm 802.11g: 15 dBm 802.11n - 2.4 GHz: 15 dBm 802.11n - 5 GHz: 15 dBm 802.11ac - 5 GHz: 15 dBm	<b>Output power (Max.)</b>	10 dBm or Lower
<ul style="list-style-type: none"> <li>• Because band channel used by the country could be different, the user can not change or adjust the operating frequency and this product is set for the regional frequency table.</li> <li>• This device should be installed and operated with minimum distance 20 cm between the device and your body. And this phrase is for the general statement for consideration of user environment.</li> <li>• Contains FCC ID: BEJLGSBW51 / Contains IC: 2703H-LGSBW51</li> </ul>			





The model and serial numbers of the TV are located on the back and on one side of the TV. Record them below should you ever need service.

MODEL \_\_\_\_\_

SERIAL \_\_\_\_\_