



# OWNER'S MANUAL

## 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.

32LB561B      42LB5610  
                    50LB5610

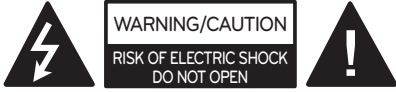


[www.lg.com](http://www.lg.com)

P/NO : MFL67987003 (1406-REV02)

## 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.  
Follow all instructions.  
Heed all warnings.



- Do not allow the television to become wet.



- 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).



- 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.



- 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 or 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 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 by mistake, induce vomiting and go to the nearest hospital. Additionally, vinyl packing can cause suffocation. Keep it out of the reach of children.

- **CAUTION** concerning the Power Cord (Can differ by country):  
It is recommended that appliances be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain. Do not connect too many appliances to the same AC power outlet as this could result in fire or electric shock. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized service. 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 appliance. Do not move the TV with the power cord plugged in. Do not use a damaged or loose power cord. Be sure do grasp the plug when unplugging the power cord. Do not pull on the power cord to unplug the TV.



- **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.

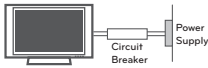


- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).



### • 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.



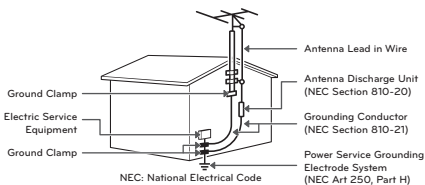
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.
- Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user's authority to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

- **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**

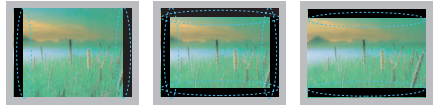
**Cracking noise** A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal deformation is required.

**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.

**Preventing image burn or burn-in on your TV screen**



- If a fixed image displays on the TV screen for a long period of time, it will be imprinted and become a permanent disfigurement on the screen. This is image burn or burn-in and not covered by the warranty.
- If the aspect ratio of the TV is set to 4:3 for a long period of time, image burn may occur on the letterboxed area of the screen.
- Avoid displaying a fixed image on the TV screen for a long period of time (2 or more hours for LCD, 1 or more hours for the Plasma TV) to prevent image burn.

## LICENSES

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



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7,295,673; 7,460,668; 7,515,710; 7,519,274

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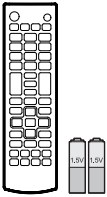
### ! NOTE

- 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.

# ASSEMBLING AND PREPARING

## Unpacking

Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your product. The illustrations in this manual may differ from the actual product and item.



Remote Control, Batteries  
(AAA)



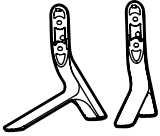
Owner's Manual

(For 32LB561B)



Power Cord

(For 42/50LB5610)



Stand Base

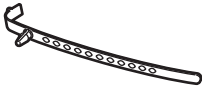


Stand Screws  
4 EA, M4 x L20

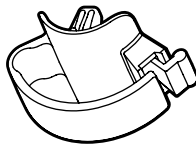


Stand Screws  
4 EA, M4 x L14

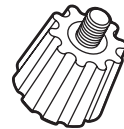
(For 42LB5610)



Cable Holder



Stand Holder  
2 EA



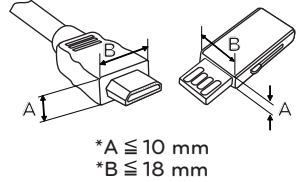
Wall Mount Inner Spacers  
2 EA

**⚠ 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.

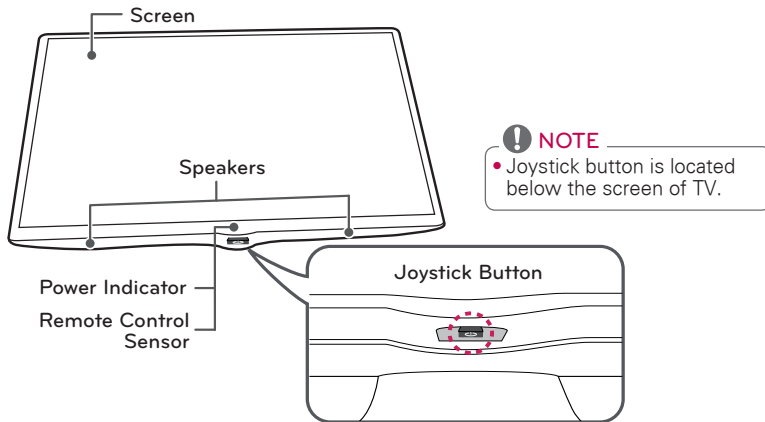
**! NOTE**

- 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.





## Parts and Buttons



### Using the joystick button

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. (However, if the menu button is on the screen, pressing and holding the joystick button will let you exit the menu.)
	<b>Volume Control</b>	If you place your finger over the joystick button, move it left or right, you can adjust the volume level you want.
	<b>Channels Control</b>	If you place your finger over the joystick button, move it up or down, you can scroll through the saved channels you want.

#### **! 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 can not 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.

		<b>TV off</b>	Turns the power off.
		<b>Settings</b>	Accesses the main menu.
		<b>Close</b>	Clears on-screen displays and returns to TV viewing.
		<b>Input List</b>	Changes the input source.

## 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.

### CAUTION

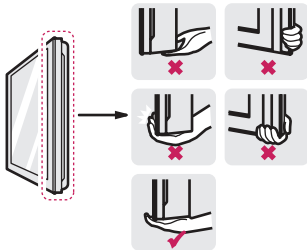
- Avoid touching the screen at all times, as this may result in damage to the screen.
- Do not place the product on the floor with its front facing down without padding. Failure to do so may result in damage to the screen.

- 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.

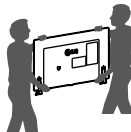
- When holding the TV, the screen should face away from you to avoid damage.



- 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.



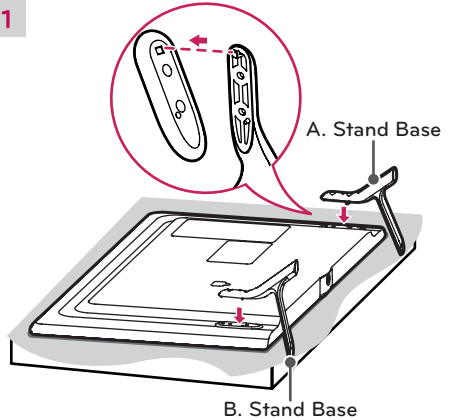
## Setting Up The TV

### Attaching the stand

#### CAUTION

- 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.

1



#### NOTE

- Be sure to attach the upper mounting hole first, and then attach the lower connection.

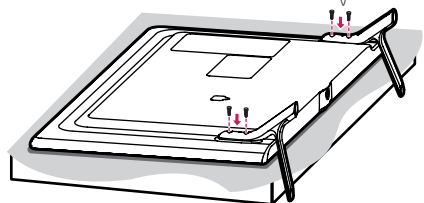
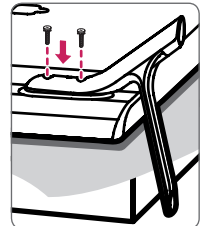
2

(For 32LB561B)

4 EA  
M4 x L20

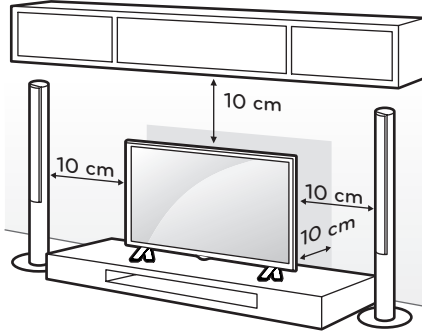
(For 42/50LB5610)

4 EA  
M4 x L14



## Mounting on a table

- 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.

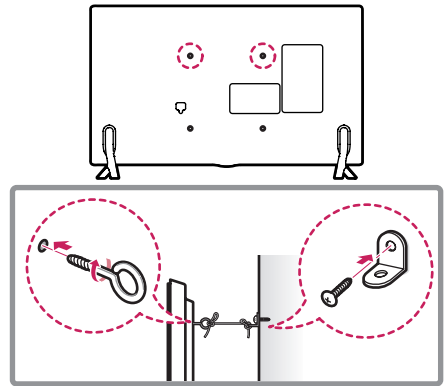


### CAUTION

- 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.

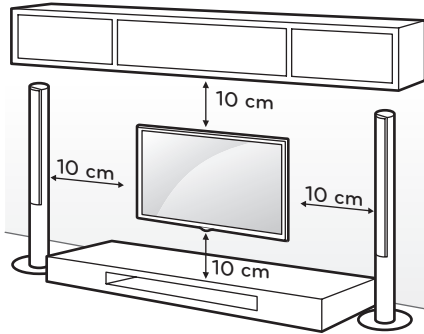


### NOTE


- 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. When you do not use LG's wall mount bracket, Please use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices.



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.

Model	32LB561B	42LB5610 50LB5610
VESA (A x B) 	200 x 200	400 x 400
Standard screw	M6	M6
Number of screws	4	4
Wall mount bracket (optional)	LSW240B MSW240	LSW440B MSW240

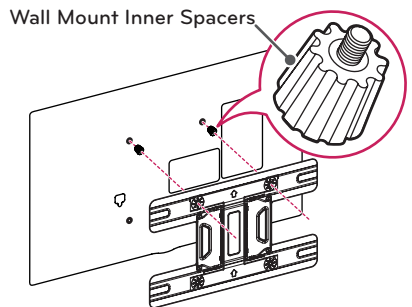
### ⚠ CAUTION

- Disconnect the power before moving or installing the TV. Otherwise electric shock may occur.
- 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 over tighten 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.
- (For 42LB5610)

When attaching a wall mounting bracket to the TV, insert the wall mount inner spacers into the TV wall mount holes to adjust the vertical angle of the TV.



## MAKING CONNECTIONS

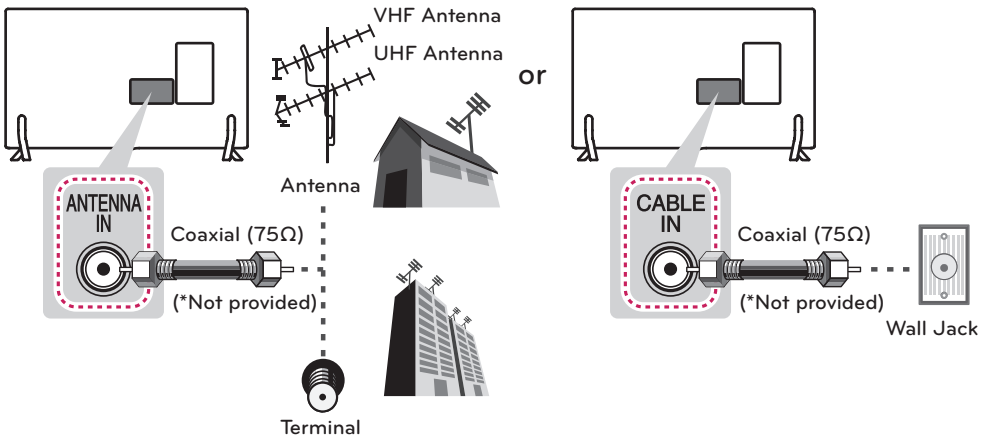
You can connect various external devices to the TV. Supported external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices. For more information on external device's connection, refer to the manual provided with each device.

### 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 this 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.

### Connecting to an antenna or cable

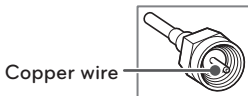
Connect an antenna, cable, or cable box to watch TV while referring to the following. The illustrations may differ from the actual items and an RF cable is optional.



ENGLISH

### CAUTION

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



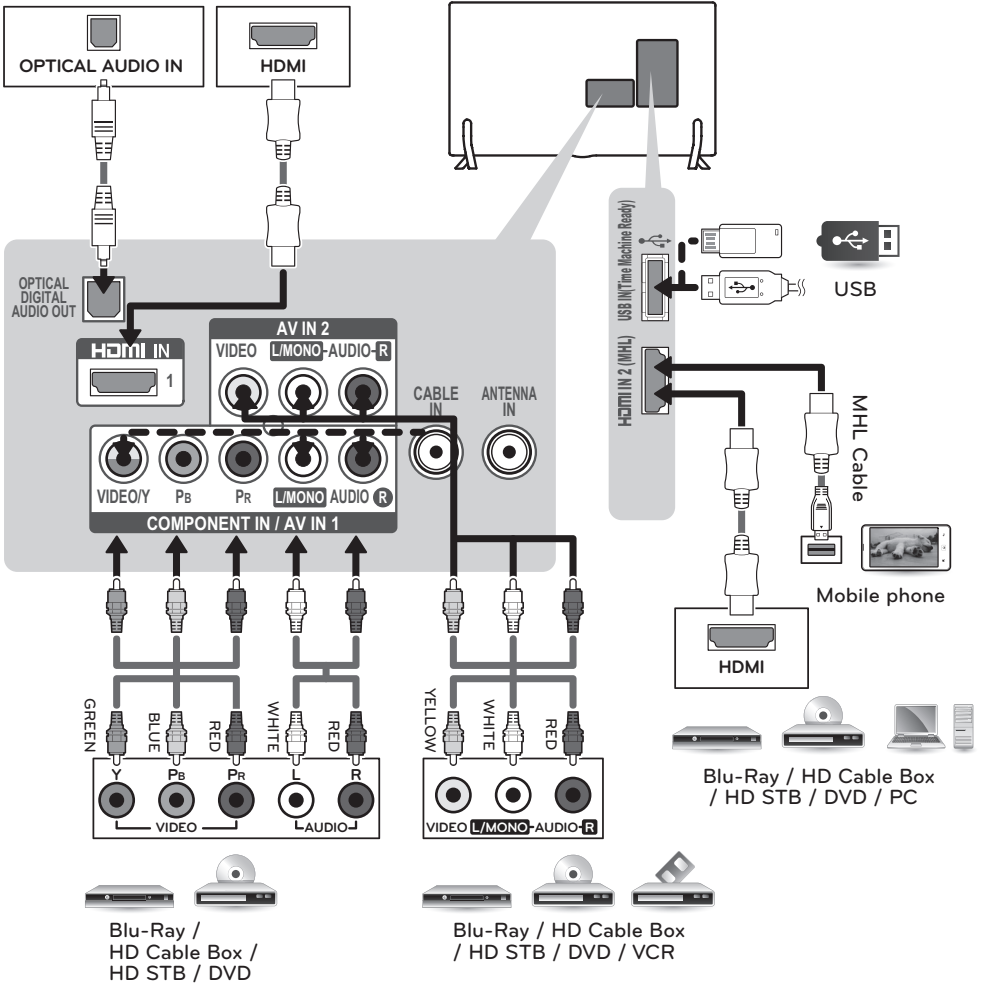
- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your TV.

### NOTE

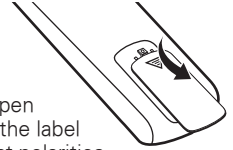
- To improve the picture quality in a poor signal area, purchase a signal amplifier.
- Use a signal splitter to use 2 TVs or more.
- If the antenna is not installed properly, contact your dealer for assistance.
- DTV Audio Supported Codec: MPEG, AAC, HE-AAC

## 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 as shown. Depending upon the model, a cable may be provided.



# 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. To install batteries, open the battery cover, replace batteries (1.5 V AAA) matching the ⊕ and ⊖ 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. To remove the batteries, perform the installation actions in reverse.

**⚠ CAUTION**

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

This remote uses infrared light. When in use, it should be pointed in the direction of the TV's remote sensor.

	<p><b>⏻ (POWER)</b> Turns the TV on or off.</p> <p><b>TV/RAD</b>   Toggles between Radio, TV, CATV, and DTV.</p> <p><b>字幕 (SUBTITLE)</b> Activates your preferred subtitle in digital mode.</p> <p><b>AV模式 (AV MODE)</b> Selects an AV mode.</p> <p> <b>畫面比例 (RATIO)</b> Resizes an image.</p> <p> <b>輸入 (INPUT)</b> Changes the input source. Turns the TV on if it is off.</p>
	<p><b>Number button</b> Enters numbers.</p> <p><b>所有頻道 (LIST)</b> Accesses the saved channel list.</p> <p><b>頻道返回 (Q.VIEW)</b> Alternates between the two last channels selected (pressing repeatedly).</p>
	<p><b>+ 音量 (VOL) -</b> Adjusts the volume level.</p> <p><b>喜愛頻道 (FAV)</b> Accesses your favorite channel list.</p> <p><b>節目導覽 (GUIDE)</b> Displays the program event according to time scheduler.</p> <p><b>靜音 (MUTE)</b>  Mutes all sounds.</p>
	<p><b>^ 頻道 (CH) v</b> Scrolls through the saved channels.</p> <p><b>^ 翻頁 (PAGE) v</b> Moves to the previous or next screen.</p>
	<p><b>影像模式 (PICTURE)</b> Changes the image mode.</p> <p><b>節目資訊 (INFO)</b>  Shows information on the current program.</p> <p><b>音效模式 (SOUND)</b> Changes the sound mode.</p>
	<p><b>選單 (SETTINGS)</b> Accesses the main menu.</p> <p><b>簡易選單 (Q.MENU)</b> Accesses the quick menu.</p> <p><b>Navigation buttons</b> (up/down/left/right) Scrolls through menus or options.</p>
	<p><b>確認 (OK)</b>  Selects menus or options and confirms your input.</p> <p><b>← 返回 (BACK)</b> Returns to the previous screen.</p> <p><b>離開 (EXIT)</b> Clears all on-screen displays and returns to TV viewing.</p>
	<p> <b>SIMPLINK</b> Accesses the AV devices connected to the TV. Opens the SIMPLINK menu.</p> <p><b>錄影 (REC)</b>  Adjusts Time Machine <sup>Ready</sup> mode.</p> <p><b>LIVE TV</b> Returns to the LIVE TV.</p>
	<p><b>Control buttons</b> (    ) Controls the MY MEDIA menus, Time Machine <sup>Ready</sup> or the SIMPLINK compatible devices (USB, SIMPLINK or Time Machine <sup>Ready</sup>).</p>
	<p><b>Color buttons</b> ( : Red,  : Green,  : Yellow,  : Blue) These access special functions in some menus.</p>

## SETTINGS

### To set up the channels automatically

#### 選單 → SETUP → Auto Tuning

Memorizes automatically the channels being broadcast.

- The channels will not be memorized properly if the antenna/cable is not installed correctly.
- **Auto Tuning** memorizes the channels that are currently being broadcast.
- If **Lock System** is turned on, a pop-up window will appear asking for password.

### To adjust pictures with Picture Wizard

#### 選單 → PICTURE → Picture Wizard III

This function calibrates and adjusts for optimum picture quality with the remote control and the Picture Wizard without expensive pattern devices or help from a specialist. Follow the instructions on the screen to obtain the optimum picture quality.

### To select Picture Mode

#### 選單 → PICTURE → Picture Mode

Select the picture mode optimized for the viewing environment or the program.

- **Vivid** Heightens contrast, brightness and sharpness to display vivid images.
- **Standard** Displays images in standard levels of contrast, brightness and sharpness.
- **Eco** The Energy Saver feature changes settings on the TV to reduce power consumption.
- **Cinema / Game** Displays the optimum picture for movie, game.
- **Soccer** Optimised picture mode for football matches. The pitch and kits are presented in vibrant colours, with crystal-clear images even for fast movements.
- **Expert** Menu for adjusting picture quality that allows experts and amateurs to enjoy the best TV viewing. This menu for adjustment is provided for ISF-certified picture tuning professionals. (ISF logo can be used only on ISF-certified TVs.) ISFccc: Imaging Science Foundation Certified Calibration Control
- Depending upon input signal, available range of picture modes may differ.
- **Expert** mode is for picture tuning professionals to control and fine-tune using a specific image. For normal images, the effects may not be drastic.

### To set advanced control

#### 選單 → PICTURE → Picture Mode → Advanced Control / Expert Control

For each picture mode, screen can be calibrated; or for a special screen, picture settings can be adjusted. Select the desired **Picture Mode**.

- **Dynamic Contrast** Adjusts the contrast to the optimal level according to the image's brightness.
- **Dynamic Color** Adjusts colors to make the image appear in more natural colors.
- **Skin Color** Skin color spectrum can be separately set to implement the skin color as defined by the user.
- **Sky Color** Sky color is set separately.
- **Grass Color** Natural color spectrum (meadows, hills, etc.) can be separately set.
- **Gamma** Sets the gradation curve according to the output of picture signal in relation to the input signal.
- **Color Gamut** Selects the range of colors that can be expressed.
- **Edge Enhancer** Shows clearer and distinctive yet natural edges of the video.
- **Expert Pattern** Patterns used for expert adjustment.
- **Color Filter** Filters a specific color spectrum in RGB colors to fine-tune color saturation and hue accurately.
- **Color Temperature** Adjusts the overall tone of the screen as desired. In Expert mode, detailed fine-tuning can be set via Gamma method, etc.
- **Color Management System** This system is used by experts to adjust color with a test pattern. They can select from six color areas (Red/ Green/Blue/ Cyan/Magenta/Yellow) without affecting other colors. For normal images, adjustments may not result in noticeable color changes.
- Depending upon input signal or other picture settings, the range of detailed items for adjustment may differ.



To set additional picture options

選單 ⇒ PICTURE → Picture Mode → Picture Option

Adjusts detailed setting for images.

- **Noise Reduction** Eliminates noise in the picture.
- **MPEG Noise Reduction** Eliminates noise generated while creating digital picture signals.
- **Black Level** Adjusts the brightness and contrast of the screen to suit the black level.
- **Real Cinema** Optimizes the screen for movie viewing.
- **Motion Eye Care** [Depending upon model] Saves power consumption by adjusting the brightness corresponding to the movement of the image on the screen.
- Depending upon input signal or other picture settings, the range of detailed items for adjustment may differ.

To use Energy Saving feature

選單 ⇒ PICTURE → Energy Saving

Saves electric power by adjusting screen brightness.

- **Off** Turns off the Energy Saving.
- **Minimum / Medium / Maximum** Applies the pre-set Energy Saving.
- **Screen Off** Screen is turned off and only sound is played. Press any button on the remote control to turn the screen back on.

To use TV speaker

選單 ⇒ AUDIO → Sound Out → TV Speaker

Sound is output through the TV speaker.

To use External Speaker

選單 ⇒ AUDIO → Sound Out → External Speaker (Optical)

[Only available for models with an optical port]  
Sound is output through the speaker connected to the optical port.

- SIMPLINK is supported.

To use Digital Sound Out

選單 ⇒ AUDIO → Sound Out → External Speaker (Optical) → Digital Sound Out

[Depending upon model]


Sets up Digital Sound Out.

Item	Audio Input	Digital Audio output
Auto	MPEG	PCM
	Dolby Digital	Dolby Digital
	Dolby Digital Plus HE-AAC	Dolby Digital Dolby Digital
PCM	All	PCM

To connect and use LG audio device

選單 ⇒ AUDIO → Sound Out → LG Sound Sync (Optical)

[Only available for models with an optical port]

Connect LG audio device with the  logo to the optical digital audio output port. LG audio device allows you to enjoy rich powerful sound easily.

To synchronize audio and video

選單 ⇒ AUDIO → AV Sync. Adjust

Synchronizes unmatched video and audio. Select **AV Sync. Adjust** to **On** to synchronize audio output (TV speaker or SPDIF) with the video.

**To use SIMPLINK**

SIMPLINK controls and manages multimedia devices conveniently with the TV remote control through the SIMPLINK menu.

- 1 Connect the **HDMI IN** terminal and SIMPLINK device's HDMI output terminal using an HDMI cable.
  - [Depending upon model] For home theater units with SIMPLINK function, connect HDMI terminals as above, and use an optical cable to connect Optical Digital Audio Out from the TV to Optical Digital Audio In of the SIMPLINK device.
- 2 Select **INPUT** ⇒ **Simplink**. SIMPLINK menu window appears.
- 3 In SIMPLINK Setting window, set SIMPLINK function to **ON**.
- 4 In SIMPLINK menu window, select the device to control.
  - This function is only compatible with devices having the SIMPLINK logo.
  - To use SIMPLINK function, use high-speed HDMI® cable (with CEC (Consumer Electronics Control) feature added). High-speed HDMI® cable has No. 13 pin connected for information exchange between devices.
  - When changing to another input, the SIMPLINK device stops.
  - If a third-party device with HDMI-CEC support is added, the SIMPLINK device may not work normally.
  - [Depending upon model] When selecting or playing the media of the device with home theater function, **HT Speaker** is automatically connected. Be sure to connect with Optical cable (sold separately) to use **HT Speaker** function.

**SIMPLINK function description**

- **Direct Play:** Plays the multimedia device on the TV instantly.
- **Select multimedia device:** Selects the desired device through SIMPLINK menu and control the device from the TV screen instantly.
- **Disc playback:** Manages the multimedia device with the TV remote control.
- **Power off all devices:** When you power off the TV, all connected devices are turned off.
- **Sync Power on:** When the equipment with SIMPLINK function connected HDMI terminal starts to play, the TV will automatically turn on.
- **Speaker:** [Depending upon model] Selects either home theater unit or TV speaker.

**To set the password**

選單 ⇒ **LOCK** → **Set Password**

Set or change the TV password.

- The initial password is set to **0000**.

**To return to initial settings**

選單 ⇒ **OPTION** → **Factory Reset**

Returns to initial default mode by deleting all optional setup. Once initialization is completed, the TV will turn off and on by itself.

- When **Lock System** is in place, a pop-up window appears and asks for password.
- Do not turn off the power during initialization.

**To remove the USB device**

Q.MENU ⇒ **USB Device** → **Eject**

Once the message that the USB device was removed is displayed, remove the device from the TV.

- After selecting to remove USB device, the USB storage device cannot be read. Remove the USB storage device and then reconnect it.

**Warning when using USB storage devices**

- USB storage devices with a built-in auto recognition program or its own driver may not work.
- Some USB storage devices may not work or may work improperly.
- Use only those USB storage devices formatted with FAT32 or NTFS File System provided by Windows.
- For external USB HDD, use devices with less than 5V-rated voltages and 500 mA-rated current.
- It is recommended to use USB flash drive with 32 GB or less and USB HDD with 1 TB or less.
- If a USB HDD with power-saving function does not work properly, turn the power off and on. For more information, refer to the user manual of USB HDD.
- Data in the USB storage device can be damaged so back up important files in other devices. Data maintenance is the user's responsibility. The manufacturer is not responsible for data loss.

**My Media Supported Files**

- Maximum data transfer rate: 20 Mbps (Mega bit per second)
- External supported subtitle formats: \*.srt (SubRip), \*.smi (SAMI), \*.sub (SubViewer, MicroDVD, DVDsubtitleSystem, SubIdx(Vobsub)), \*.ass/\*.ssa (SubStation Alpha), \*.txt (TMplayer), \*.psb (PowerDivX)
- Internal supported subtitle formats: XSUB (Supports internal subtitles generated from DivX6)

**Supported Photo Formats**

- Category: 2D (jpeg, jpg, jpe)  
[Available file type] SOF0: Baseline, SOF1: Extend Sequential, SOF2: Progressive  
[Photo size] Minimum: 64 x 64, Maximum: Normal Type: 15,360 (W) x 8,640 (H), Progressive Type: 1,920 (W) x 1,440 (H)
- Category: BMP  
[Photo size] Minimum: 64 x 64, Maximum: 9,600 x 6,400
- Category: PNG  
[Available file type] Interlace, Non-Interlace  
[Photo size] Minimum: 64 x 64, Maximum: Interlace: 1,200 x 800, Non-Interlace: 9,600 x 6,400
- BMP and PNG format files may be slower to display than JPEG.

**Supported Audio Formats**

- File type: mp3  
[Bit rate] 32 Kbps - 320 Kbps  
[Sample freq.] 16 kHz - 48 kHz  
[Support] MPEG-1, MPEG-2, Layer2, Layer3
- File Type: AAC  
[Bit rate] Free Format  
[Sample freq.] 8 kHz ~ 48 kHz  
[Support] ADIF, ADTS
- File Type: M4A  
[Bit rate] Free Format  
[Sample freq.] 8 kHz ~ 48 kHz  
[Support] MPEG-4
- File Type: WMA  
[Bit rate] 128 Kbps ~ 320 Kbps  
[Sample freq.] 8 kHz ~ 48 kHz  
[Support] WMA7, WMA8, WMA9 Standard
- File Type: WMA  
[Bit rate] ~ 768 Kbps  
[Channel / Sample freq.]  
M0: up to 2 Channel @ 48 kHz (Except LBR mode),  
M1: up to 5.1 Channel @ 48 kHz,  
M2: up to 5.1 Channel @ 96 kHz  
[Support] WMA 10 Pro
- File Type: OGG  
[Bit rate] Free Format  
[Sample freq.] ~ 48 kHz  
[Support] OGG Vorbis

**Supported Video Formats**

- Maximum: 1,920 x 1,080 @ 30p (only Motion JPEG 640 x 480 @ 30p)
- .asf, .wmv  
[Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XviD, H.264/AVC, VC1(WMV3, WVC1), MP43  
[Audio] WMA Standard, WMA9(Pro), MP3, AAC, AC3, MP3, 3D WMV Single Stream
- .divx, .avi  
[Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XviD, H.264/AVC  
[Audio] HE-AAC, LPCM, ADPCM, MPEG-1 Layer I, MPEG-1 Layer II, Dolby Digital, MPEG-1 Layer III (MP3)
- .ts, .trp, .tp, .mts, .m2ts  
[Video] H.264/AVC, MPEG-2, AVS, VC1  
[Audio] MPEG-1 Layer I, MPEG-1 Layer II, MPEG-1 Layer III (MP3), Dolby Digital, Dolby Digital Plus, AAC, HE-AAC
- .vob  
[Video] MPEG-1, MPEG-2  
[Audio] Dolby Digital, MPEG-1 Layer I, MPEG-1 Layer II, DVD-LPCM
- .mp4, .m4v, .mov  
[Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XVID, H.264/AVC  
[Audio] AAC, MPEG-1 Layer III (MP3)
- .mkv  
[Video] MPEG-2, MPEG-4 Part2, DivX3.11, DivX4, DivX5, DivX6, XVID, H.264/AVC  
[Audio] HE-AAC, Dolby Digital, MPEG-1 Layer III (MP3), LPCM
- motion JPEG  
[Video] MJPEG  
[Audio] LPCM, ADPCM
- .mpg, .mpeg, .mpe  
[Video] MPEG-1, MPEG-2  
[Audio] MPEG-1 Layer I, MPEG-1 Layer II, Dolby Digital, LPCM
- .dat  
[Video] MPEG-1, MPEG-2  
[Audio] MP2
- .flv  
[Video] Sorenson H.263, H.264/AVC  
[Audio] MP3, AAC, HE-AAC
- .3gp, .3gp2  
[Video] H.264/AVC, MPEG-4 Part2  
[Audio] AAC, AMR(NB/WB)

**TO SEE THE WEB MANUAL**

Web manual allows you to easily access detailed TV information.

Go to <http://www.lg.com>.

# SPECIFICATIONS

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

<b>Power requirement</b>		AC 110 V~ 60 Hz
<b>Television System</b>		NTSC-M, DVB-T
<b>Program Coverage</b>		VHF 2-13, UHF 14-69, CATV 1-125, DTV 2-69
<b>External Antenna Impedance</b>		75 Ω
<b>Environment condition</b>	Operating Temperature	0 °C to 40 °C
	Operating Humidity	Less than 80 %
	Storage Temperature	-20 °C to 60 °C
	Storage Humidity	Less than 85 %

MODELS		<b>32LB561B (32LB561B-DC)</b>
Dimensions (W x H x D)	With stand	732 x 481 x 207 (mm)
	Without stand	732 x 437 x 55.5 (mm)
Weight	With stand	6.2 kg
	Without stand	6.0 kg

MODELS		<b>42LB5610 (42LB5610-DC)</b>
Dimensions (W x H x D)	With stand	961 x 610 x 218 (mm)
	Without stand	961 x 567 x 55.5 (mm)
Weight	With stand	9.5 kg
	Without stand	9.2 kg

MODELS		<b>50LB5610 (50LB5610-DC)</b>
Dimensions (W x H x D)	With stand	1,128 x 708 x 255 (mm)
	Without stand	1,128 x 660 x 55.8 (mm)
Weight	With stand	14.2 kg
	Without stand	13.8 kg

## HDMI (PC) supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
640 x 350	31.468	70.09
720 x 400	31.469	70.08
640 x 480	31.469	59.94
800 x 600	37.879	60.31
1024 x 768	48.363	60.00
1360 x 768	47.712	60.015
1152 x 864	54.348	60.053
1280 x 1024	63.981	60.02
1920 x 1080	67.50	60.00

For 42/50LB5610

## HDMI (DTV) supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 480p	31.469	59.94
	31.50	60.00
720 x 576p	31.25	50.00
	37.50	50.00
1280 x 720p	44.96	59.94
	45.00	60.00
1920 x 1080i	28.125	50.00
	33.72	59.94
	33.75	60.00
1920 x 1080p	26.97	23.976
	27.00	24.00
	33.71	29.97
	33.75	30.00
	56.25	50.00
	67.432	59.94
	67.50	60.00

## Component supported mode

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 480i	15.73	59.94
	15.73	60.00
720 x 480p	31.47	59.94
	31.50	60.00
720 x 576i	15.625	50.00
720 x 576p	31.25	50.00
1280 x 720p	37.50	50.00
	44.96	59.94
	45.00	60.00
1920 x 1080i	28.125	50.00
	33.72	59.94
	33.75	60.00
1920 x 1080p	26.97	23.976
	27.00	24.00
	33.71	29.97
	33.75	30.00
	56.25	50.00
	67.432	59.939
	67.50	60.00

## Component port connecting information

Component ports on the TV	Y	P <sub>B</sub>	P <sub>R</sub>
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Video output ports on DVD player	Y	P <sub>B</sub>	P <sub>R</sub>
	Y	B-Y	R-Y
	Y	Cb	Cr
	Y	Pb	Pr

# 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.

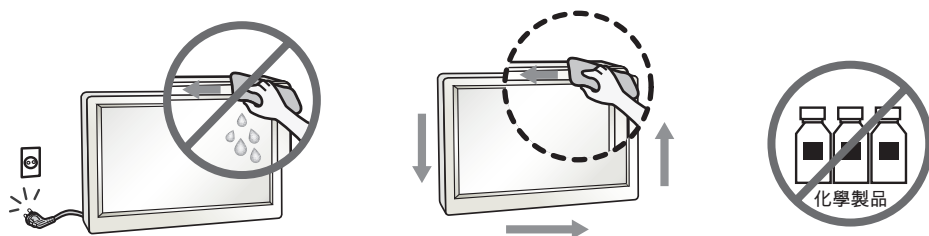
### 電視螢幕清潔方法：

為了維持明亮整潔的螢幕，希望您能依照使用說明書的指示來清潔。

- 1 在清潔螢幕時，為了安全起見請先將電源插頭拔除。
- 2 在清潔螢幕時，請使用乾淨的布或軟布先將灰塵去除。  
清除汙漬時，將乾淨的抹布沾上少量的水或是和水稀釋過的清潔劑，只擦拭於汙漬的地方即可。  
- 使用水或是清潔劑(非化學溶劑)時請勿讓液體流下，且清潔布擰乾至不會有水滴下的程度。  
- 請勿將液體直接噴灑或潑灑在螢幕畫面上。
- 3 要是因為人為疏忽或是因為清潔劑滲入產品的情況，請立即和服務中心聯絡並請利用風扇讓該部位乾燥。  
- 要是產品滲入液體產生電器安全事故，請依據服務中心的指引做處理。
- 4 因為人為疏失(例如液體或異物入侵)造成產品故障或是安全事故，LG公司將不負保固責任。
- 5 清潔產品時，絕對不能使用會產生化學反應的物質和化工藥品等等。請遵守以上的產品使用方式，將能維持良好的畫面品質和延長產品使用壽命。

### ! 注意

- 請不要使用過量水分去清潔(以乾抹布為主)。
- 請不要使用清潔劑化學液體來擦拭。



### 電源線

請定期清除電源線上堆積的灰塵。



## TROUBLESHOOTING

Problem	Solution
Cannot control the TV with the remote control.	<ul style="list-style-type: none"> <li>• Check if anything such as tape has been placed over the receiver.</li> <li>• Check if there is any obstacle between the product and the remote control.</li> <li>• Replace the batteries with new fresh ones.</li> </ul>
No image display and no sound is produced.	<ul style="list-style-type: none"> <li>• Check if the product is turned on.</li> <li>• Check if the power cord is connected to a wall outlet.</li> <li>• Check if there is a problem in the wall outlet by connecting other products.</li> </ul>
The TV turns off suddenly.	<ul style="list-style-type: none"> <li>• Check the power control settings. The power supply may be interrupted.</li> <li>• Check if the <b>Off Time / Sleep Timer</b> feature is activated in the <b>TIME</b> settings.</li> <li>• If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.</li> </ul>

## EXTERNAL CONTROL DEVICE SETUP

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







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 \_\_\_\_\_

親愛的顧客您好：  
感謝您對 LG 產品的愛護與支持為提供您更快速便捷的產品諮詢及報修服務為您準備了全新的“瞬間感動 LG 售後服務”  
服務內容：

- ◎ 微笑服務 · 貼心售後
- ◎ 一等服務 · 感動客戶
- ◎ 一通電話 · 不用等待 · 不用催修
- ◎ Smile · Smart · Speedy

瞬間感動 LG 售後服務專線：  
0800-898-899

LG 網址：<http://www.lg.com/tw>  
台灣樂金電器股份有限公司