



**LG**

Life's Good

## OWNER'S MANUAL

# LED LCD TV / LCD TV / PLASMA TV

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

### LED LCD TV MODELS

42LV3700 42LV5500 32LW5700 47LW6500  
47LV3700 47LV5500 42LW5700 55LW6500  
55LV3700 55LV5500 47LW5700 65LW6500  
42LV5400 42LW5600 55LW5700 47LW7700  
47LV5400 47LW5600 55LW7700  
55LV5400 55LW5600 47LW9500  
55LW9500

### LCD TV MODELS PLASMA TV MODELS

42LK530  
47LK530  
55LK530  
42LK550  
47LK550  
60PZ950  
60PZ950  
50PZ950U  
60PZ950U

# WARNING / CAUTION



**WARNING / CAUTION**  
RISK OF ELECTRIC SHOCK  
DO NOT OPEN



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.

## NOTE TO CABLE/TV INSTALLER

This reminder is provided to call the CATV system installer’s attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

# WARNING / CAUTION

To prevent fire or shock hazards, do not expose this product to rain or moisture.

## FCC NOTICE

### Class B digital device

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

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions: (1) This device may not cause (harmful) interference, and (2) this device must accept any interference received, including interference that may cause undesired operation (of the device).

**Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.**

## CAUTION

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

# LICENSES

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



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ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Go to [vod.divx.com](http://vod.divx.com) for more information on how to complete your registration.

"DivX Certified® to play DivX® and DivX Plus™ HD (H.264/MKV) video up to 1080p HD including premium content."

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"Covered by one or more of the following U.S. patents :  
7,295,673; 7,460,668; 7,515,710; 7,519,274"




## NOTE

• : Plasma TV

: LED LCD TV, LCD TV


# IMPORTANT SAFETY INSTRUCTIONS

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





**WARNING / CAUTION**

**RISK OF ELECTRIC SHOCK  
DO NOT OPEN**



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.
- TO PREVENT FIRE OR SHOCK HAZARDS, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

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.



- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.



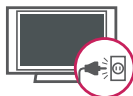
- Only use attachments/accessories specified by the manufacturer.



- 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.



- Never touch this apparatus or antenna during a thunder or 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.

- 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.

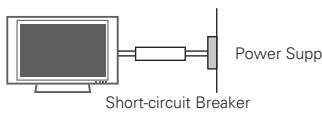


- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).



**Grounding**

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.



**DISCONNECTING DEVICE FROM THE MAIN POWER**

The power outlet must remain readily accessed in the event the device needs to be unplugged.

- 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.

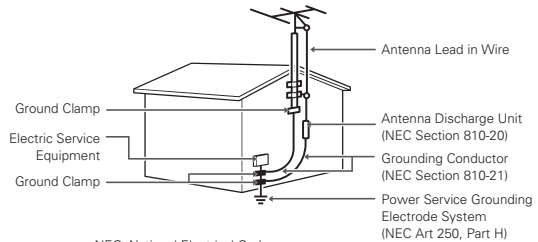
**ANTENNAS Outdoor antenna grounding**

(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**



NEC: National Electrical Code

**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 benzine.

**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 contact an authorized service center.
- Do not press strongly upon the panel with hand or sharp object such as nail, pencil or pen, or make a scratch on it.
- Keep the product away from direct sunlight.



- **Dot Defect**

The Plasma or LCD 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 on the product. This generated sound does not affect the performance and reliability of the product.

- **Viewing 3D Imaging (For 3D TV)**

- When viewing 3D imaging, watch the TV from an effective viewing angle and within the appropriate distance. If you exceed this viewing angle or distance, you may not be able to view the 3D imaging. Furthermore, the 3D imaging may not display if it is viewed while you are lying down.
- If you watch the 3D imaging too closely or for a long period of time, it may harm your eyesight.
- Watching the TV or playing video games that incorporate 3D imaging with the 3D glasses for a long period of time can cause drowsiness, headaches or fatigue to you and/or your eyes. If you have a headache, or otherwise feel fatigued or drowsy, stop watching the TV and take a rest.
- Pregnant woman, seniors, persons with heart problems or persons who experience frequent drowsiness should refrain from watching 3D TV.
- Some 3D imaging may cause you to duck or dodge the image displayed in the video. Therefore, it is best if you do not watch 3D TV near fragile objects or near any objects that can be knocked over easily.

- Please prevent children under the age of 5 from watching 3D TV. It may affect their vision development.
- Warning for photosensitization seizure: Some viewers may experience a seizure or epilepsy when exposed to certain factors, including flashing lights or images in TV or video games. If you or anybody from your family has a history of epilepsy or seizure, please consult with your doctor before watching 3D TV.

Also certain symptoms can occur in unspecified conditions without any previous history. If you experience any of the following symptoms, immediately stop watching the 3D imaging and consult a doctor: dizziness or lightheadedness, visual transition or altered vision, visual or facial instability, such as eye or muscle twitching, unconscious action, convulsion, loss of conscience, confusion or disorientation, loss of directional sense, cramps, or nausea. Parents should monitor their children, including teenagers, for these symptoms as they may be more sensitive to the effects of watching 3D TV.

Risk of photosensitization seizure can be reduced with the following actions.

- Take frequent breaks from watching 3D TV.
- For those who have vision that is different in each eye, they should watch the TV after taking vision correction measures.
- Watch the TV so that your eyes are on the same level as the 3D screen and refrain from sitting too closely to the TV.
- Do not watch the 3D imaging when tired or sick, and avoid watching the 3D imaging for a long period of time.
- Do not wear the 3D glasses for any other purpose than viewing 3D imaging on a 3D TV.
- Some viewers may feel disoriented after watching 3D TV. Therefore, after you watch 3D TV, take a moment to regain awareness of your situation before moving.



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.

#### **DISPOSAL (Hg lamp only used in LCD TVs)**

The fluorescent lamp used in this product contains a small amount of mercury. Do not dispose of this product with general household waste. Disposal of this product must be carried out in accordance to the regulations of your local authority.

#### **For USA and Canada**

##### **NOTE TO CABLE/TV INSTALLER**

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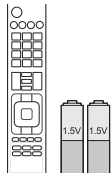
## **130 EXTERNAL CONTROL DEVICE SETUP**

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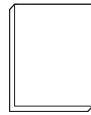
# ASSEMBLING AND PREPARING

## 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



CD manual



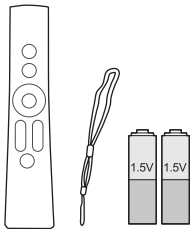
Polishing cloth<sup>1</sup>  
(Depending on model)



Cleansing Cloths (Mitt)<sup>2</sup>  
(Depending on model)

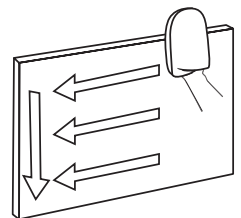


Nero MediaHome 4 Essentials CD



Motion Remote Control<sup>3</sup>,  
Strap,  
Batteries (AA)

- 1 Gently wipe the spots on the cabinet with the polishing cloth.
- 2 Wipe spots on the exterior only with the cleansing cloths. Do not wipe roughly when removing stains. Excessive pressure may cause scratches or discoloration. For cleaning front frame, please slowly wipe in one direction after spraying water 1-2 times on cleansing cloths. Please remove excessive moisture after cleaning. Excessive moisture may cause water stains on the frame.
- 3 Sold separately for LW5700, LV5400, LV3700, LK530, LK550 series.



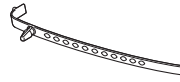
PZ950 series



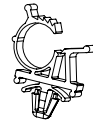
M4 x 26 M5 x 14  
Screw for assembly  
(50PZ950)



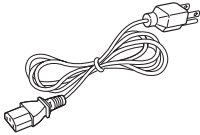
M4 x 28 M5 x 14  
Screw for assembly  
(60PZ950)



Cable holder



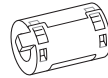
Power cord holder



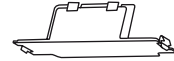
Power cord



Wireless LAN for  
Broadband  
/DLNA Adaptor  
(AN-WF100)



Ferrite Core



Protection cover

LV3700, LV5400, LV5500, LW5600, LW5700, LW6500, LW7700, LW9500, LZ9700 series



M4 x 12

Screw for assembly  
(LV3700, LV5400, LV5500,  
LW5600, LW5700, LW6500  
series)



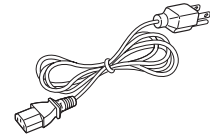
M4 x 16

Screw for assembly  
(LW7700, LW9500  
series)

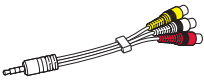


M5 x 35 M4 x 26

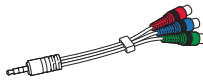
Screw for assembly  
(LZ9700 series)



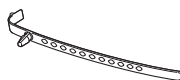
Power cord  
(LZ9700)



Composite gender cable



Component gender cable



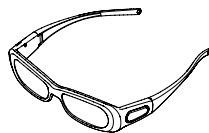
Cable holder



Screw for fixing  
(32LW5700, 42LK530,  
42LK550)



3D Glasses (AG-P110)  
(LW5700, LW5600,  
LW6500 series)



3D Glasses  
(AG-S250)  
(LW7700, LW9500,  
LZ9700 series)

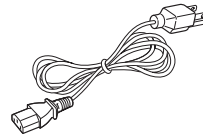
LK530, LK550 series



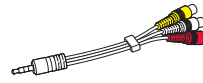
Screw for assembly



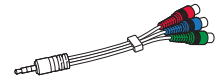
Protection cover



Power cord



Composite gender cable



Component gender cable




**CAUTION**

- Do not use any unapproved items to ensure the safety and product life span.
- Any damages or injuries by using unapproved items are not covered by the warranty.




**NOTE**

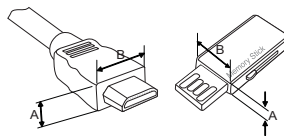
- The items supplied with your product may vary depending on the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
-  How to use the ferrite core
  - White: Use the ferrite core to reduce the electromagnetic interference in the LAN cable. Wind the LAN cable on the ferrite core once. Place the ferrite core far from the TV.

[to an External device]



[to the TV]

-  For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm (0.39 inches) thick and 18 mm (0.7 inches) width.



\*A ≤ 10 mm (0.39 inches)

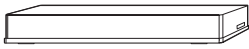
\*B ≤ 18 mm (0.7 inches)

## Optional Extras

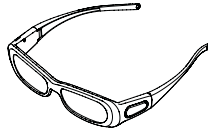
Optional extras can be changed or modified for quality improvement without any notification.

Contact your dealer for buying these items.

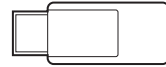
This device only works with compatible LG LED LCD TV, LCD TV, or Plasma TV.



Wireless Media Box<sup>1</sup>  
(AN-WL100W)



3D Glasses<sup>2</sup>  
(AG-S230, AG-S250, AG-S270)



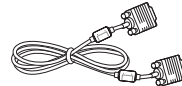
Wireless LAN for Broadband  
/DLNA Adaptor<sup>3</sup>  
(AN-WF100)



Motion Remote 3  
(AN-MR200)



Multi Mode Remote (MMR)  
(TBD)

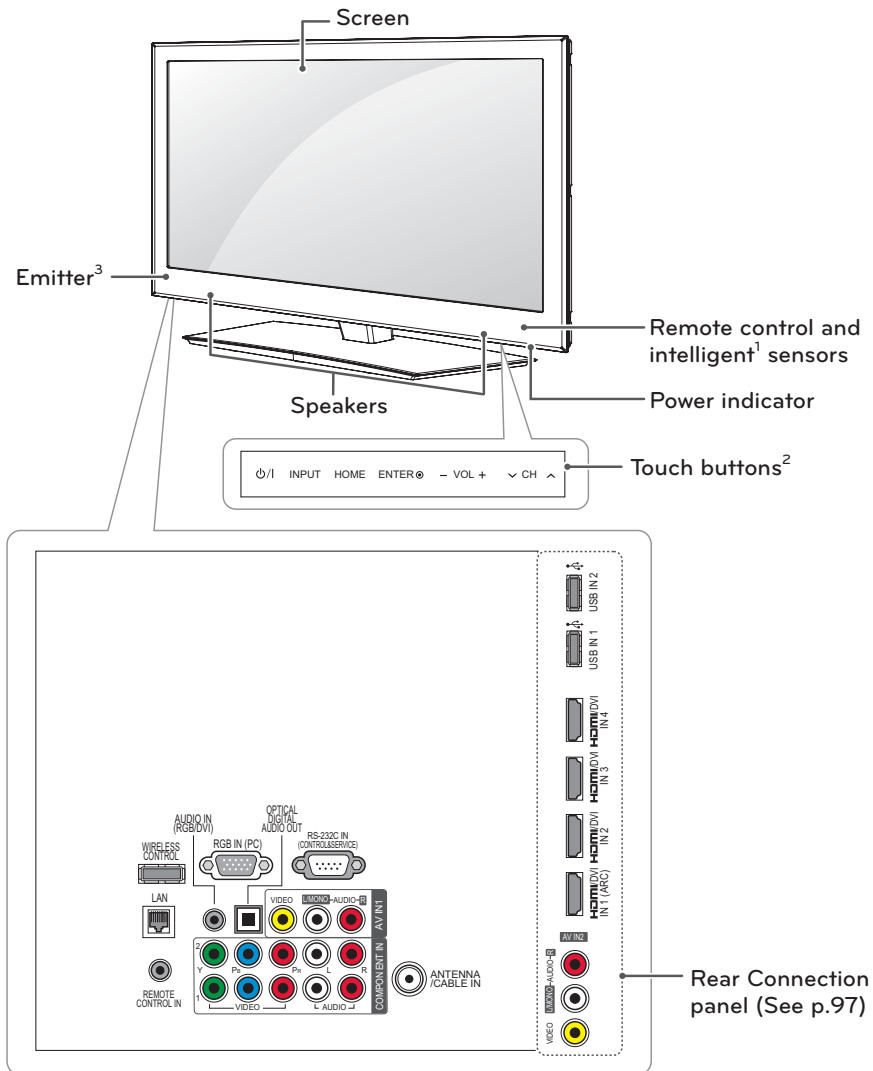


D-sub 15 pin signal cable<sup>4</sup>

- 1 Supports for LV3700, LV5400, LV5500, LW5600, LW5700, LW6500, LW7700, LW9500, PZ950 series
- 2 Supports for LW7700, LW9500, LZ9700, PZ950 series
- 3 Unnecessary for LW9500 series
- 4 When using the VGA (D-sub 15 pin signal cable) PC connection, use the shielded signal interface cable with a ferrite core to maintain standards compliance for the product.

## Parts and buttons

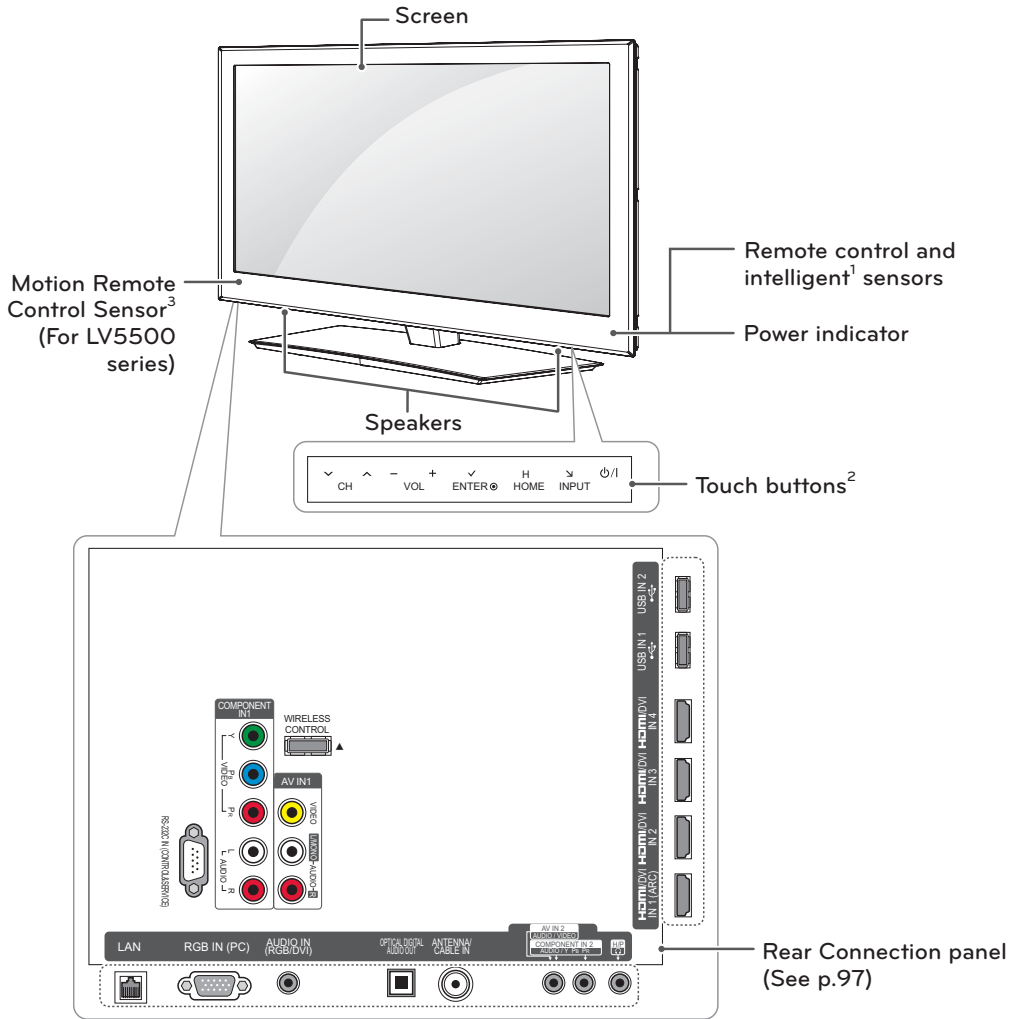
PZ950 series



Touch button <sup>2</sup>	Description
⏻/⏿	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
v CH ^	Scrolls through the saved channels.

- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 All of the buttons are touch sensitive and can be operated through simple touch with your finger.
- 3 The emitter is used with the 3D glasses. Please be careful not to block it with objects or people while watching a 3D Video.

LV5400, LV5500 series



ENGLISH

Touch button <sup>2</sup>	Description
⏻/⏻	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
√ CH ^	Scrolls through the saved channels.

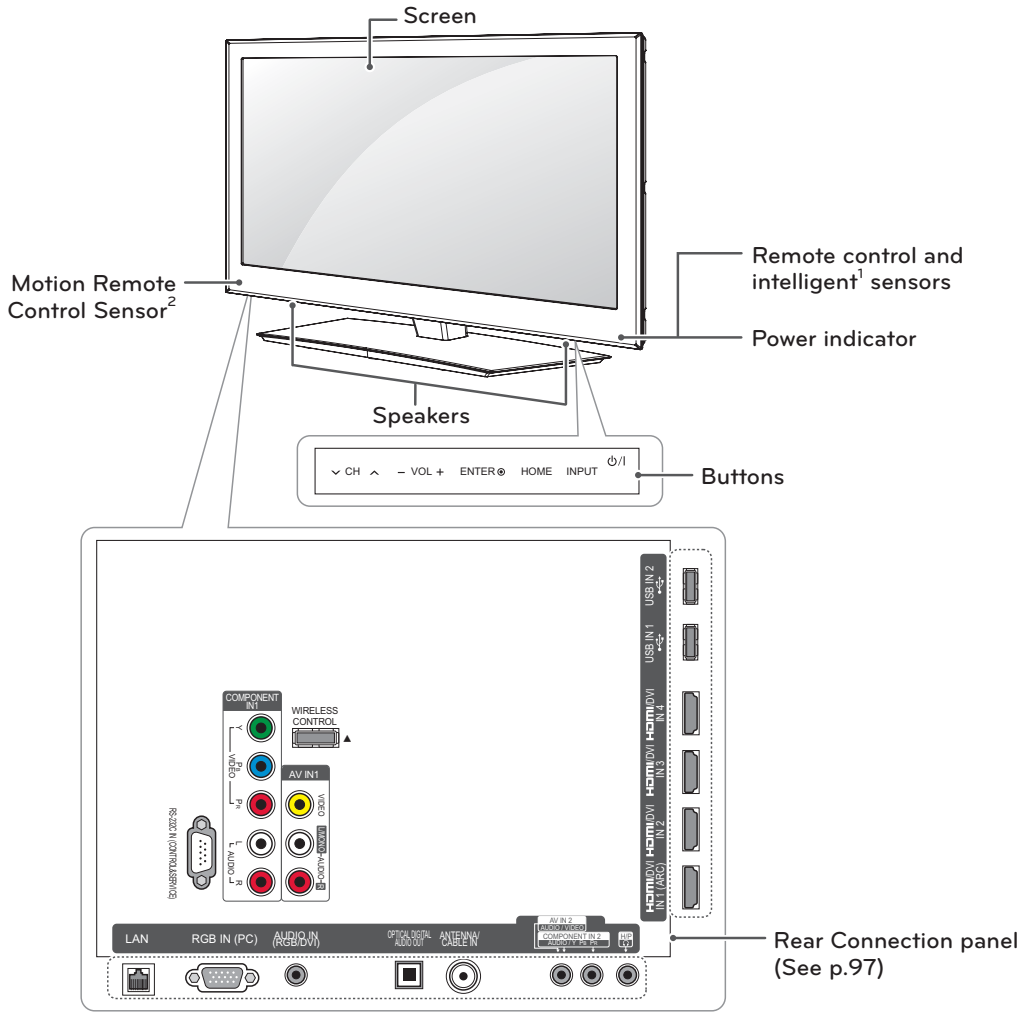
- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 All of the buttons are touch sensitive and can be operated through simple touch with your finger.
- 3 Motion Remote Control - Sold separately

**NOTE**

- You can set the power indicator light to on or off by selecting **OPTION** in the Home menu.



LW5700, LW7700 series



ENGLISH

Touch button <sup>2</sup>	Description
⏻ / I	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
v CH ^	Scrolls through the saved channels.

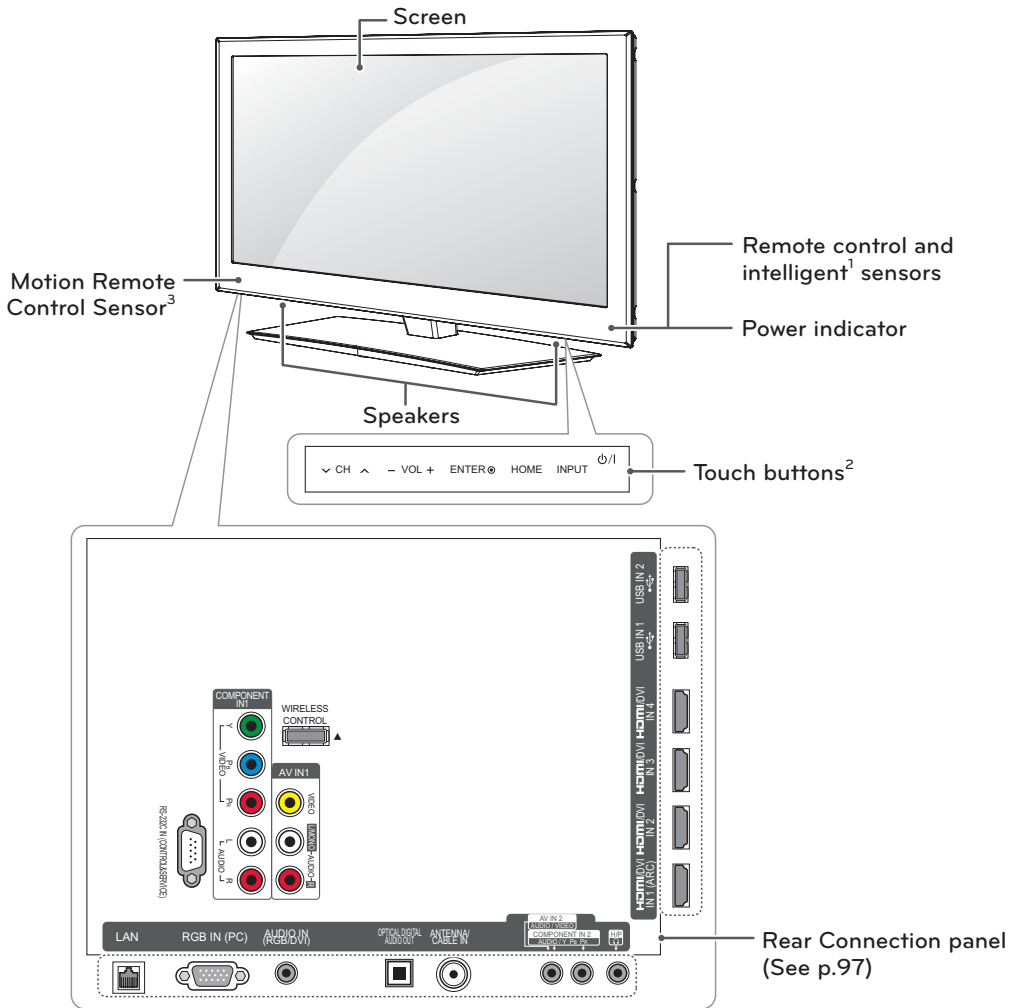
- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 Motion Remote Control - Sold separately



**NOTE**

- You can set the power indicator light to on or off by selecting **OPTION** in the Home menu - SETUP.

LW5600, LW6500 series



ENGLISH

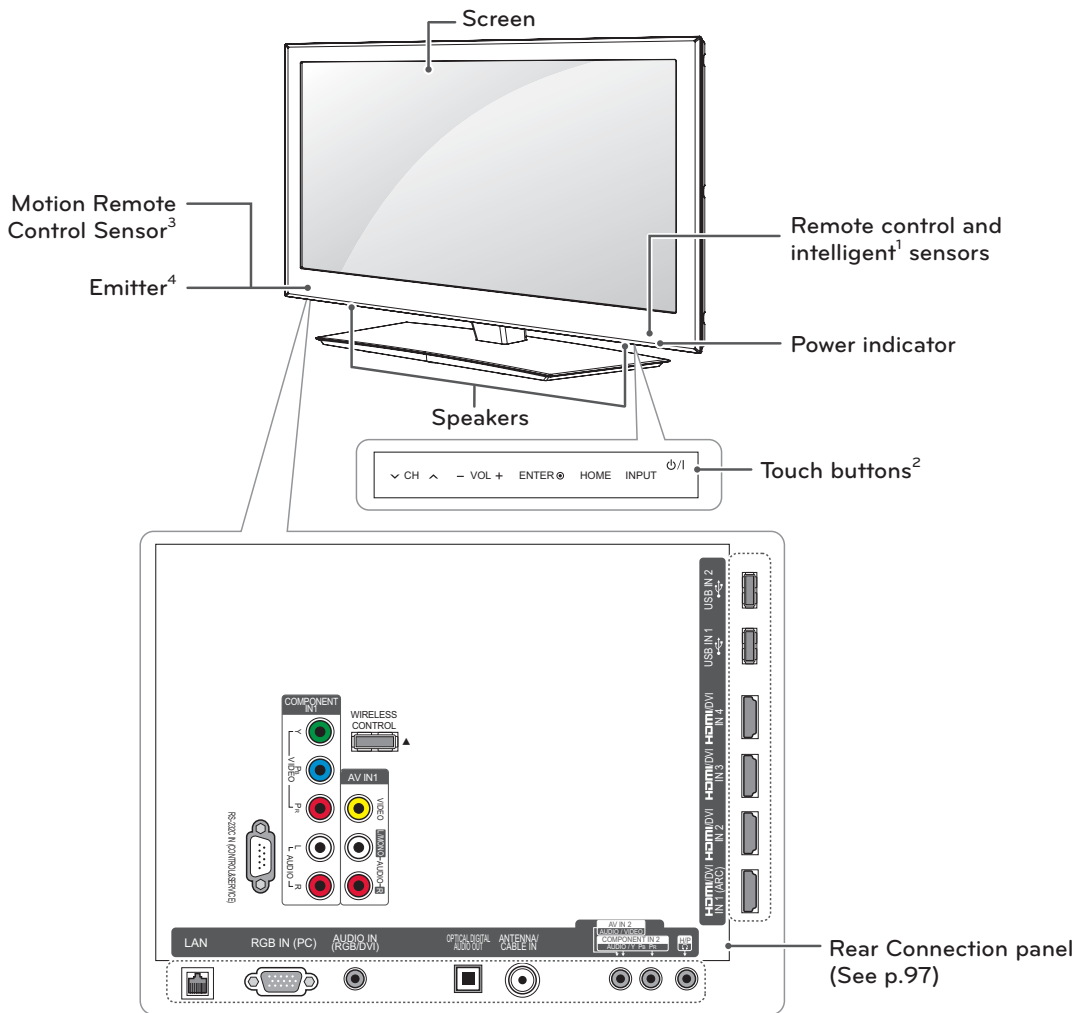
Touch button <sup>2</sup>	Description
⏻/⏿	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
∨ CH ^	Scrolls through the saved channels.

- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 All of the buttons are touch sensitive and can be operated through simple touch with your finger.
- 3 Motion Remote Control - Sold separately

**NOTE**

- You can set the power indicator light to on or off by selecting **OPTION** in the Home menu - SETUP.

LW9500 series



ENGLISH

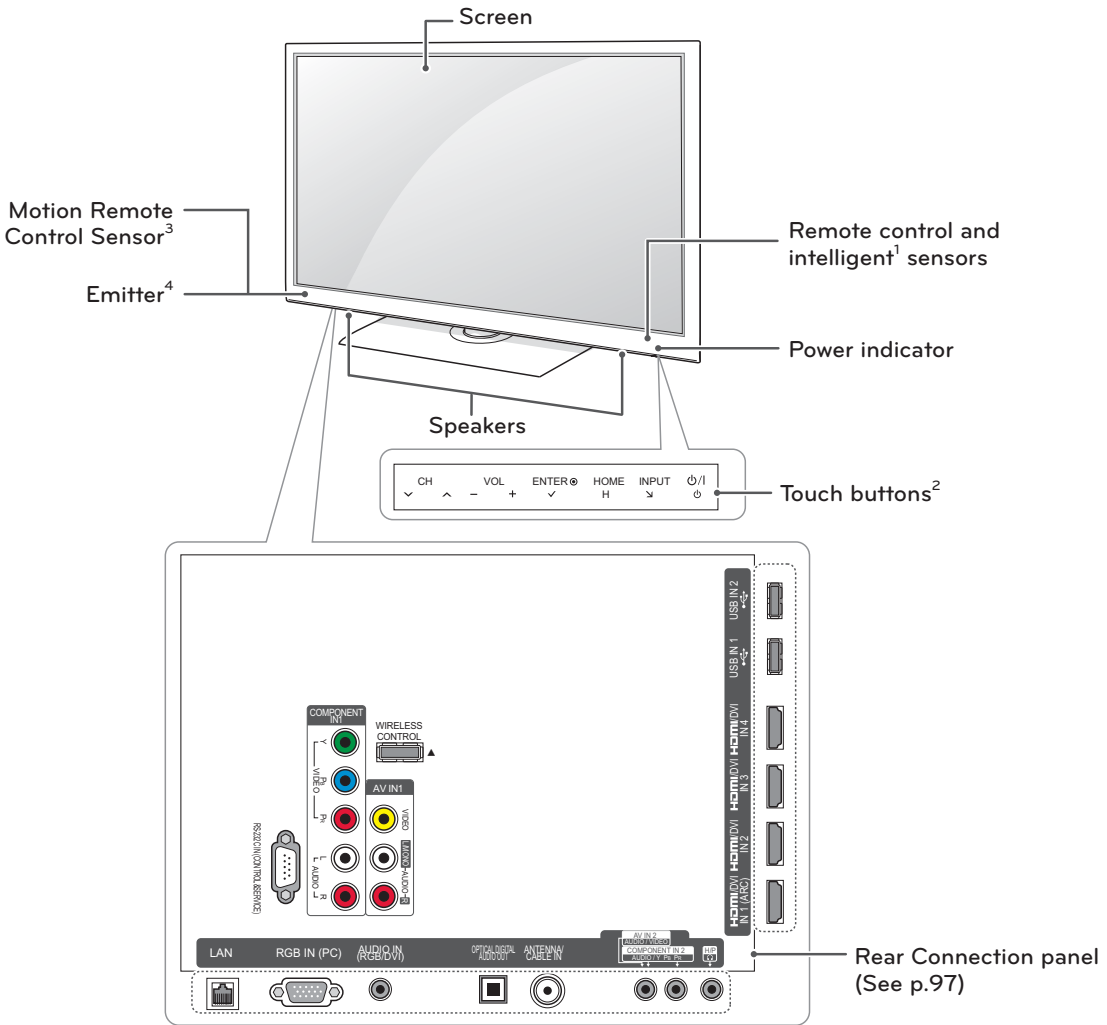
Touch button <sup>2</sup>	Description
⏻/⏿	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
∨ CH ∧	Scrolls through the saved channels.

- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 All of the buttons are touch sensitive and can be operated through simple touch with your finger.
- 3 Motion Remote Control - Sold separately
- 4 The emitter is used with the 3D glasses. Please be careful not to block it with objects or people while watching a 3D Video.

**NOTE**

- You can set the power indicator light to on or off by selecting **OPTION** in the Home menu - SETUP.

LZ9700 series



ENGLISH

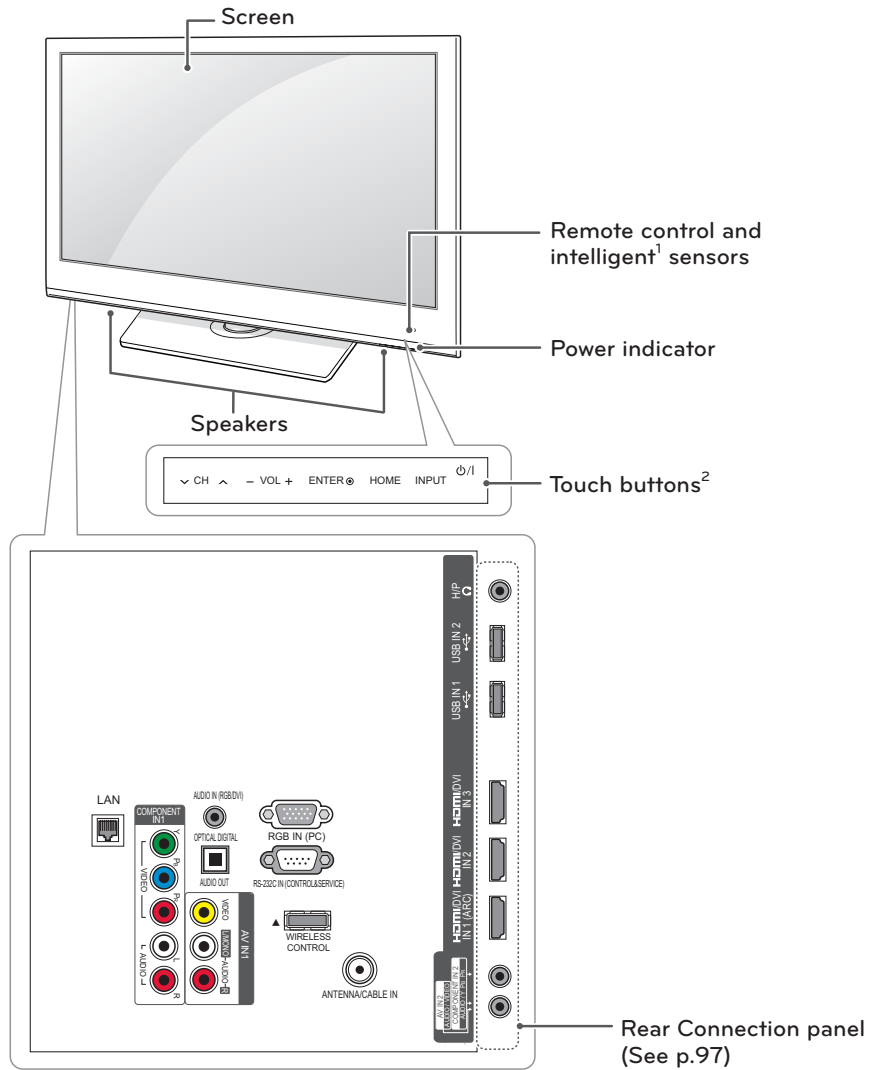
Touch button <sup>2</sup>	Description
⏻/⏻	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
√ CH ^	Scrolls through the saved channels.

- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 All of the buttons are touch sensitive and can be operated through simple touch with your finger.
- 3 Motion Remote Control - Sold separately
- 4 The emitter is used with the 3D glasses. Please be careful not to block it with objects or people while watching a 3D Video.

**NOTE**

- You can set the power indicator light to on or off by selecting **OPTION** in the Home menu - SETUP.

LV3700 series



ENGLISH

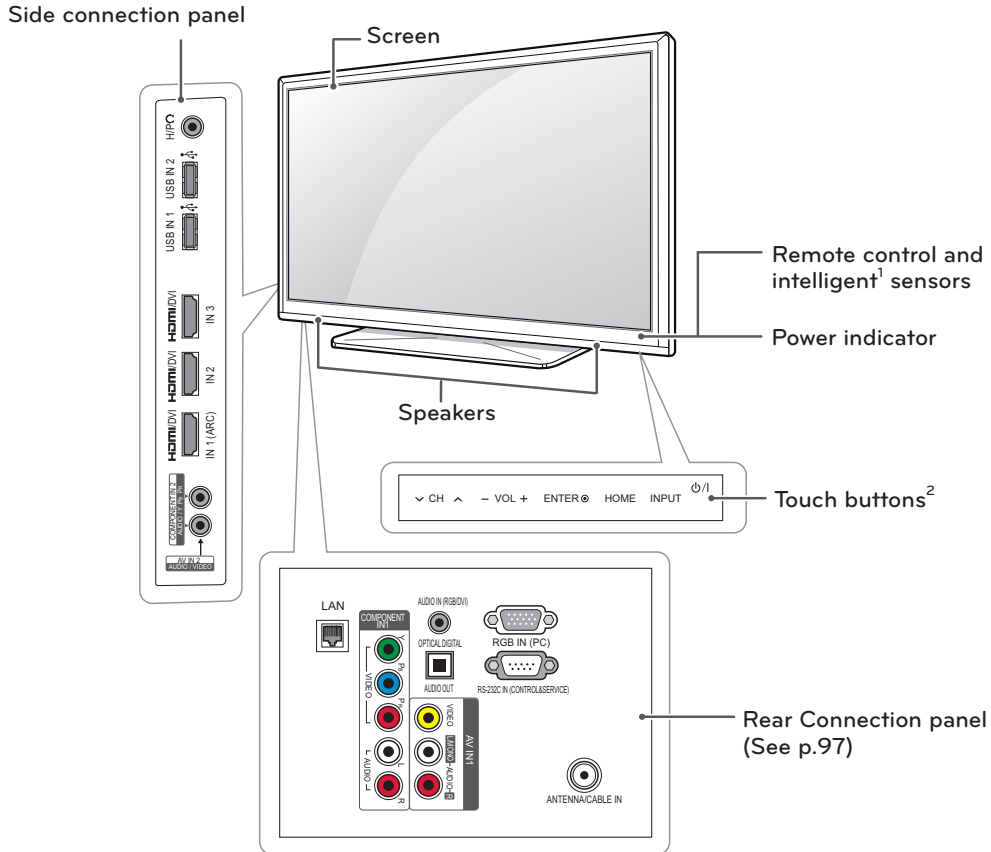
Touch button <sup>2</sup>	Description
⏻ / ⏷	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
∨ CH ∧	Scrolls through the saved channels.

- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 All of the buttons are touch sensitive and can be operated through simple touch with your finger.

**NOTE**

- You can set the power indicator light to on or off by selecting **OPTION** in the Home menu - SETUP.

LK550 series



ENGLISH

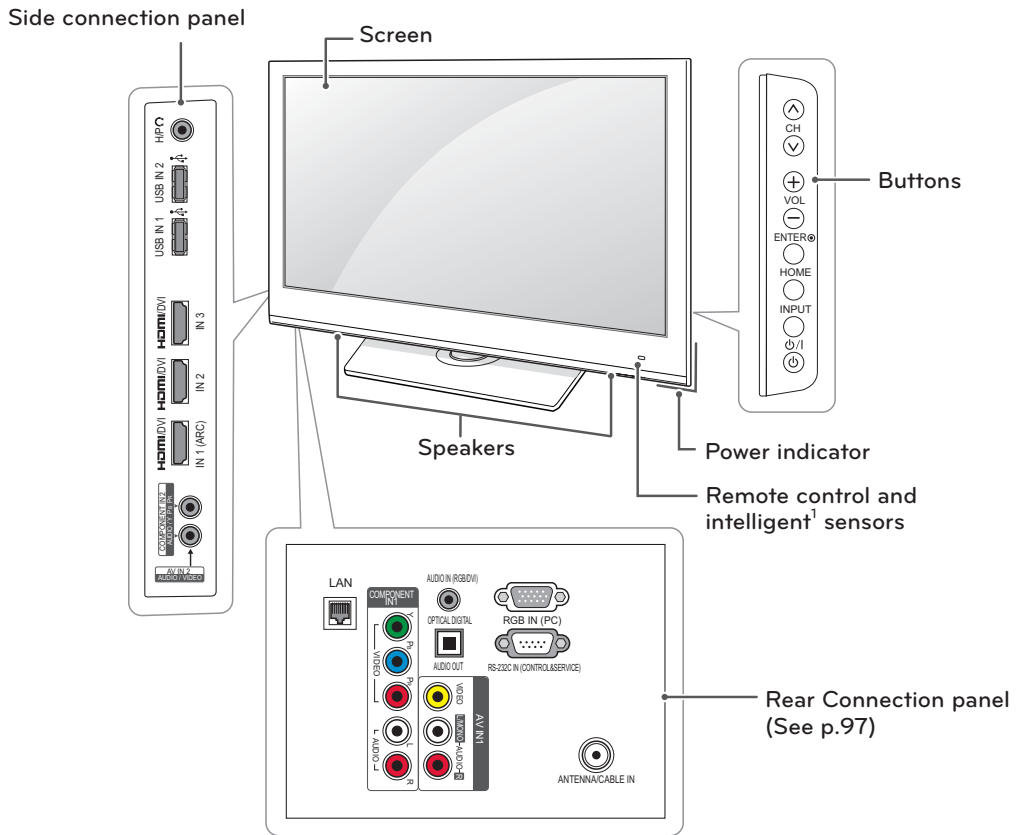
Touch button <sup>2</sup>	Description
ϕ/I	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
v CH ^	Scrolls through the saved channels.

- 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.
- 2 All of the buttons are touch sensitive and can be operated through simple touch with your finger.

**NOTE**

- You can set the power indicator light to on or off by selecting **OPTION** in the Home menu - SETUP.

LK530 series



ENGLISH

Button	Description
⏻ / I	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the Home menu, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input
- VOL +	Adjusts the volume level.
∨ CH ^	Scrolls through the saved channels.

1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment.

## 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.

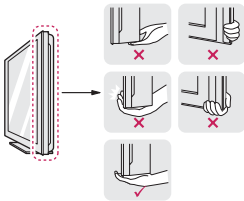
**CAUTION**

- Avoid touching the screen at all times, as this may result in damage to the screen.

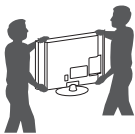
- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to prevent damage.



- Hold the top and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grill area.



- When transporting a large TV, there should be at least 2 people.
- 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

If you are not mounting the TV to a wall, use the following instructions to attach the stand.

### Attaching the stand

**PZ950 series**

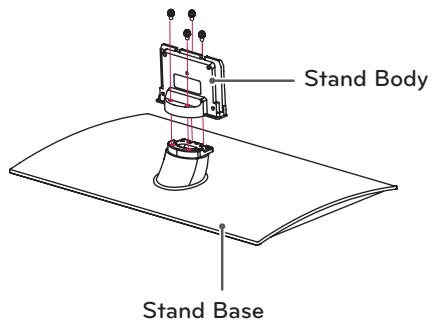
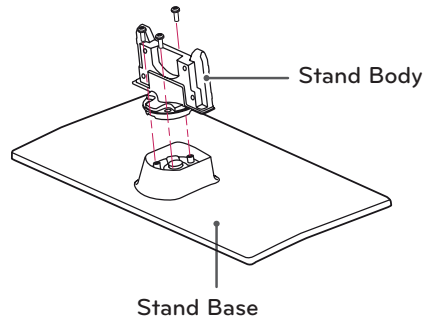
- 1 Lay the TV with the screen side down on a flat surface.

**CAUTION**

- Lay a foam mat or soft protective cloth on the surface to protect the screen from damage. Make sure no objects press against the screen.

- 2 Assemble the parts of the stand body with the stand base of the TV.

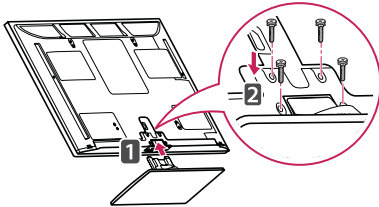
Model	Screw for assembly	Number of screws
50PZ950	M5 x 14	3
60PZ950	M5 x 14	4





- 3 Secure the TV and the stand with the 4 screws.

Model	Screw for assembly	Number of screws
50PZ950	M4 x 26	4
60PZ950	M4 x 28	4



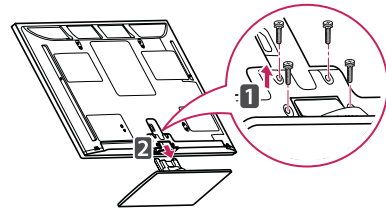
**CAUTION**

- Tighten the screws firmly to prevent the TV from tilting forward. Do not over tighten.

To detach the stand,

- 1 Lay the TV with the screen side down on a flat surface.
- 2 Remove the 4 screws and pull the stand away from the TV.

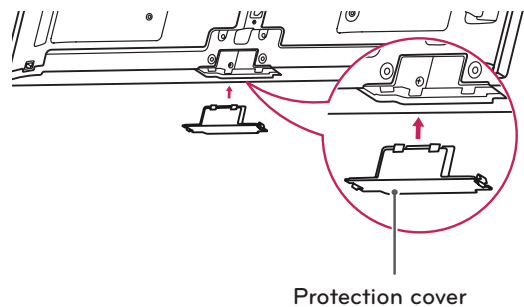
Model	Screw for assembly	Number of screws
50PZ950	M4 x 26	4
60PZ950	M4 x 28	4



- 3 Push the supplied protection cover into the opening at the bottom of the TV until it locks in place.

This will protect the opening from accumulating dust and dirt.

When installing the wall mounting bracket, use the Protection cover.



**LV37, LV54, LV55, LW56, LW57, LW65 series**

- 1 Lay the TV with the screen side down on a flat surface.

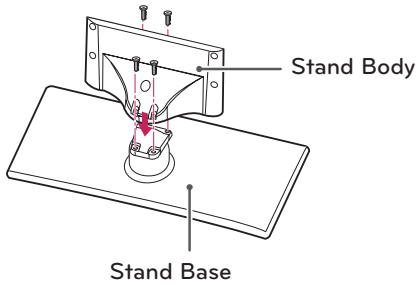


**CAUTION**

- Lay a foam mat or soft protective cloth on the surface to protect the screen from damage. Make sure no objects press against the screen.

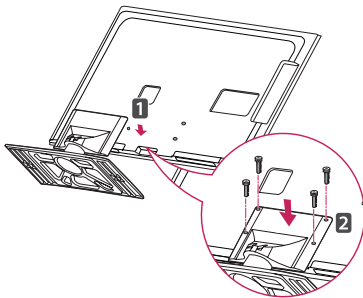
- 2 Assemble the parts of the stand body with the stand base of the TV.

Screw for assembly	Number of screws
M4 x 12	4



- 3 Secure the TV and the stand with the 4 screws.

Screw for assembly	Number of screws
M4 x 12	4



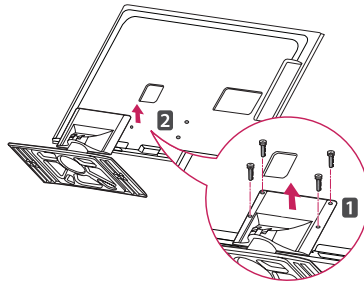
**CAUTION**

- Tighten the screws firmly to prevent the TV from tilting forward. Do not over tighten.

To detach the stand,

- 1 Lay the TV with the screen side down on a flat surface.
- 2 Remove the 4 screws and pull the stand away from the TV.

Screw for assembly	Number of screws
M4 x 12	4



**LW77, LW95 series**

- 1 Lay the TV with the screen side down on a flat surface.

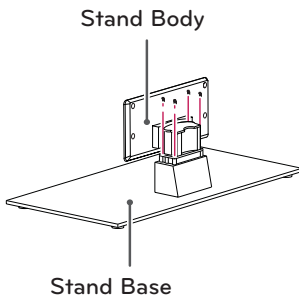


**CAUTION**

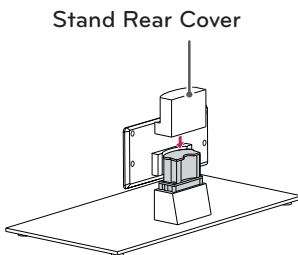
- Lay a foam mat or soft protective cloth on the surface to protect the screen from damage. Make sure no objects press against the screen.

- 2 Assemble the parts of the stand body with the stand base of the TV.

Screw for assembly	Number of screws
M4 x 16	4

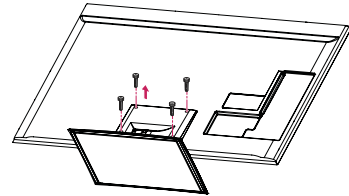


- 3 Assemble the parts of the Stand Rear Cover with the TV.



- 4 Secure the TV and the stand with the 4 screws.

Screw for assembly	Number of screws
M4 x 16	4



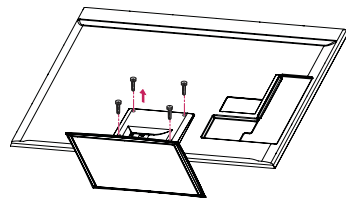
**CAUTION**

- Tighten the screws firmly to prevent the TV from tilting forward. Do not over tighten.

To detach the stand,

- 1 Lay the TV with the screen side down on a flat surface.
- 2 Remove the 4 screws and pull the stand away from the TV.

Screw for assembly	Number of screws
M4 x 16	4



**LZ9700 series**

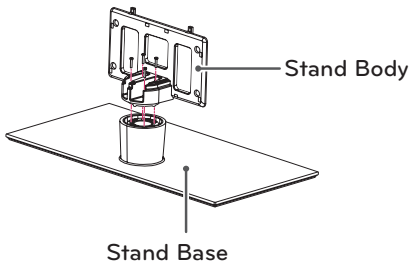
- 1 Lay the TV with the screen side down on a flat surface.

**CAUTION**

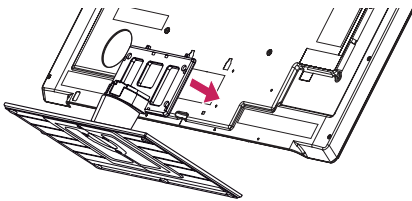
- Lay a foam mat or soft protective cloth on the surface to protect the screen from damage. Make sure no objects press against the screen.

- 2 Assemble the parts of the stand body with the stand base of the TV.

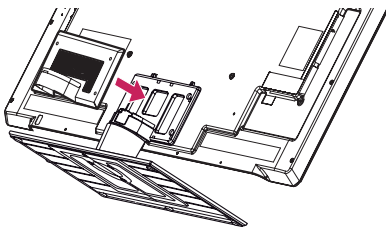
Screw for assembly	Number of screws
M5 x 35	4



- 3 Assemble the TV.

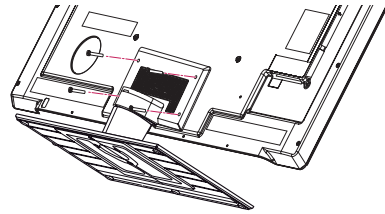


- 4 Assemble the parts of the stand rear cover with the TV.



- 5 Secure the TV and the stand with the 4 screws.

Screw for assembly	Number of screws
M4 x 26	4



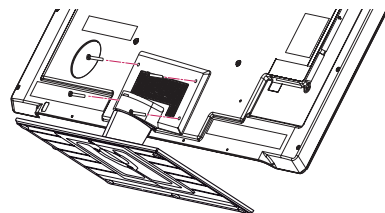
**CAUTION**

- Tighten the screws firmly to prevent the TV from tilting forward. Do not over tighten.

To detach the stand,

- 1 Lay the TV with the screen side down on a flat surface.
- 2 Remove the 4 screws and pull the stand away from the TV.

Screw for assembly	Number of screws
M4 x 26	4



LK530, LK550 series

- 1 Lay the TV with the screen side down on a flat surface.

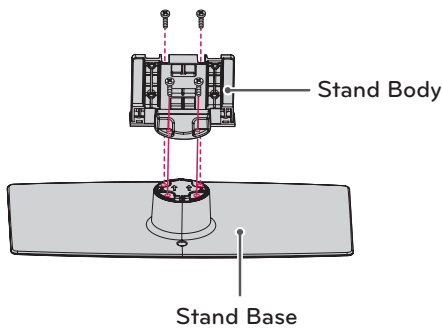
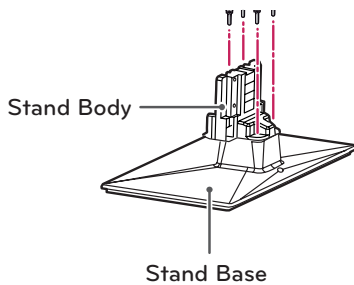


**CAUTION**

- Lay a foam mat or soft protective cloth on the surface to protect the screen from damage. Make sure no objects press against the screen.

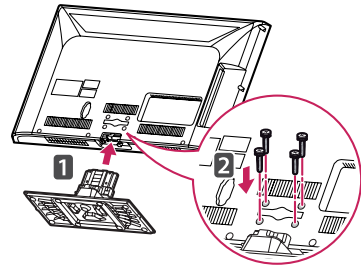
- 2 Assemble the parts of the stand body with the stand base of the TV.

Screw for assembly	Number of screws
M4 x 20	4



- 3 Secure the TV and the stand with the 4 screws.

Screw for assembly	Number of screws
M4 x 20	4



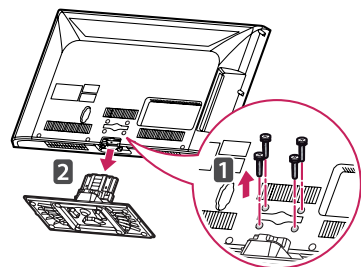
**CAUTION**

- Tighten the screws firmly to prevent the TV from tilting forward. Do not over tighten.

To detach the stand,

- 1 Lay the TV with the screen side down on a flat surface.
- 2 Remove the 4 screws and pull the stand away from the TV.

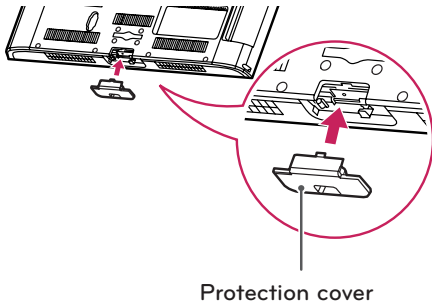
Screw for assembly	Number of screws
M4 x 20	4



- 3 Push the supplied protection cover into the opening at the bottom of the TV until it locks in place.

This will protect the opening from accumulating dust and dirt.

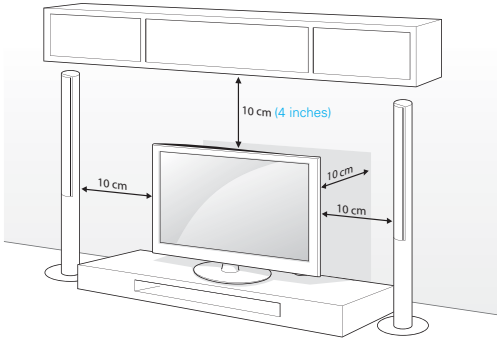
When installing the wall mounting bracket, use the Protection cover.



## Mounting on a table

- 1 Lift and tilt the TV into its upright position on a table.

- Leave a 10 cm (4 inches) (minimum) space from the wall for proper ventilation.



- 2 Connect the power cord to a wall outlet.



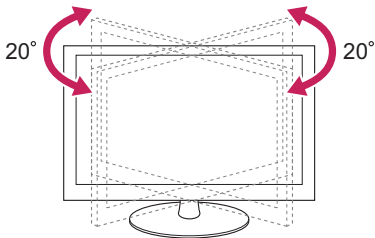
### CAUTION

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



### NOTE

- Swivel 20 degrees to the left or right and adjust the angle of the TV to suit your view.

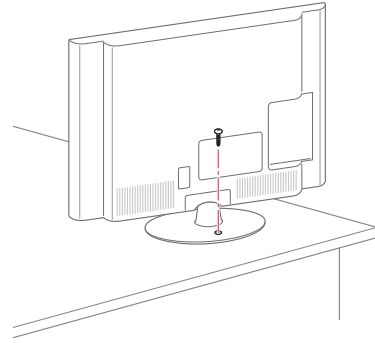


### Securing the TV to a table

(For 32LW5700, 42LK530, 42LK550)

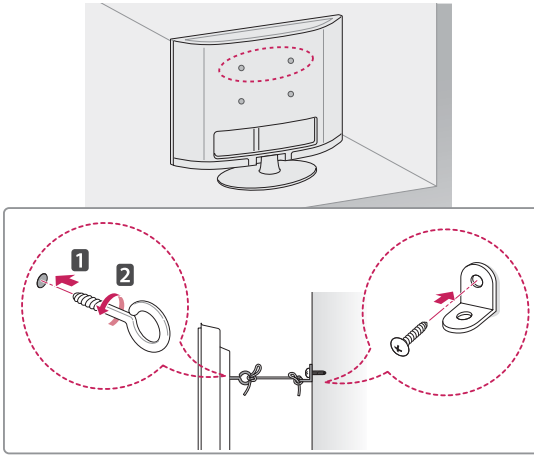
Fix the TV to a table to prevent from tilting forward, damage, and potential injury.

Mount the TV on a table, and then insert and tighten the supplied screw on the rear of the stand.



### WARNING

- To prevent TV from falling over, the TV should be securely attached to the floor/wall per installation instructions. Tipping, shaking, or rocking the TV may cause injury.

**Securing the TV to a wall (optional)**

- 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.  
Make sure to keep the rope horizontal with the flat surface.

**CAUTION**

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

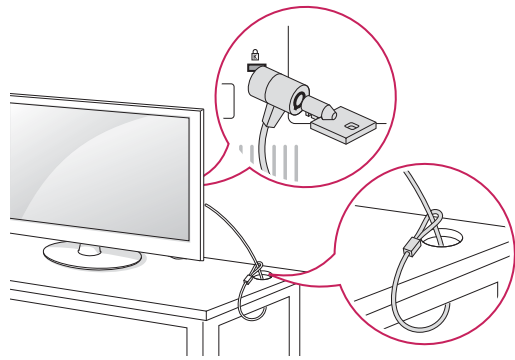
**NOTE**

- 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.

**Using the Kensington security system (optional)**

The Kensington security system connector is located at the rear of the TV. For more information of installation and using, refer to the manual provided with the Kensington security system or visit <http://www.kensington.com>.

Connect the Kensington security system cable between the TV and a table.

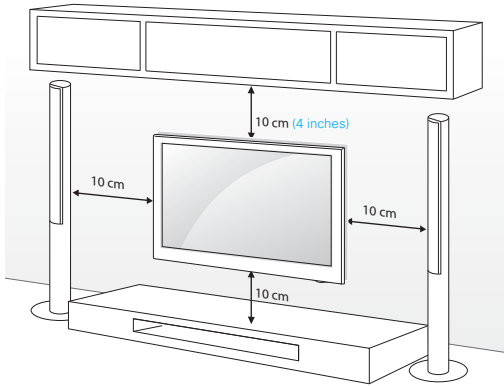
**NOTE**

- The Kensington security system is optional. You can obtain additional accessories from your local dealer.

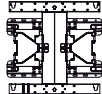
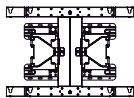


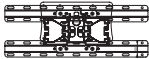
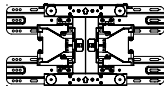
## Mounting on a wall

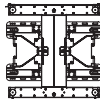
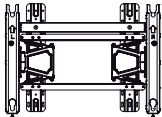
Attach an optional wall mount at the rear of the TV carefully and install the wall mount on a solid wall perpendicular to the floor. When you attach the TV to other building materials, please contact qualified personnel.



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>	50PZ950	60PZ950
<b>VESA (A x B)</b>	400 x 400	600 x 400
<b>Standard screw</b>	M6	M8
<b>Number of screws</b>	4	4
<b>Wall mount bracket (optional)</b>	PSW400B, PSW400BG, DSW400BG 	PSW600B, PSW600BG 

<b>Model</b>	32LW5700	42/47LK550 42/47LK530
<b>VESA (A x B)</b>	100 x 100	200 x 200
<b>Standard screw</b>	M4	M6
<b>Number of screws</b>	4	4
<b>Wall mount bracket (optional)</b>	LSW100B, LSW100BG 	LSW200B, LSW200BG 

<b>Model</b>	42/47/55LV3700 42/47/55LV5400 42/47/55LV5500 42/47/55LW5600 42/47/55LW5700 47/55/65LW6500 47/55LW7700 47/55LW9500 60LW9500 55LK530	72LZ9700
<b>VESA (A x B)</b>	400 x 400	600 x 400
<b>Standard screw</b>	M6	M8
<b>Number of screws</b>	4	4
<b>Wall mount bracket (optional)</b>	LSW400B, LSW400BG, DSW400BG 	LSW600B 

### CAUTION

- Disconnect the power first, and then move or install 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.
- 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.

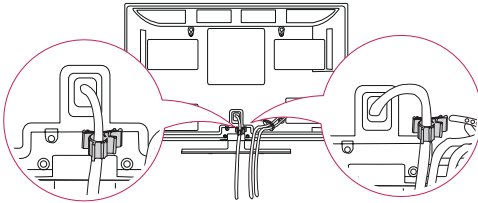
### NOTE

- Use the screws that are listed on 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 on the wall mount. Make sure to use the proper length.
- For more information, refer to the manual supplied with the wall mount.

## Tidying cables

### PZ950 series

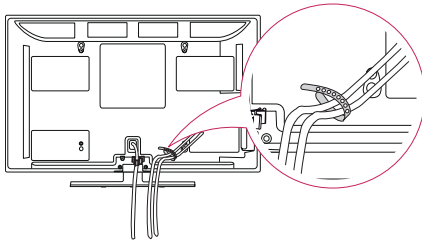
- 1 Install the power cord holder and power cord. It will help prevent the power cable from being removed by accident.



(50PZ950)

(60PZ950)

- 2 Gather and bind the cables with the cable holder. Install the LAN cable as shown to reduce the electromagnetic wave.

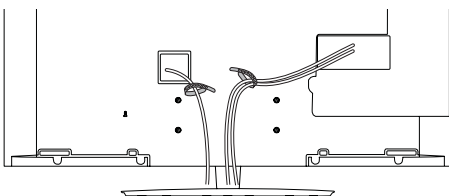


### ! CAUTION

- Do not move the TV by holding the cable holder and power cord holder, as the cable holders may break, and injuries and damage to the TV may occur.

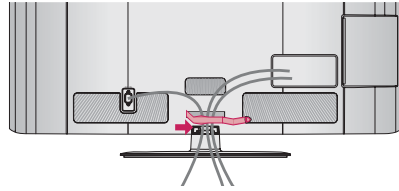
### LV54, LV55, LW5600, LW57, LW65, LW77, LW95 series

- 1 Gather and bind the cables with the cable holder.



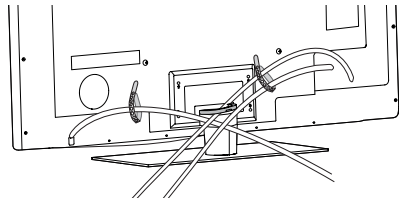
### LK530, LK550 series

- 1 Gather and bind the cables with the cable management clip.
- 2 Fix the cable management clip firmly to the TV.

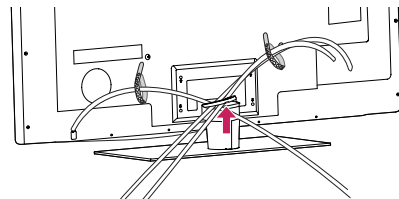


### LZ9700 series

- 1 Gather and bind the cables with the cable holder.



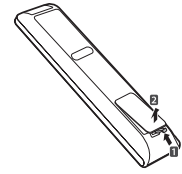
- 2 Pull the cable management on the stand cover and organize cables. Then, put it back.



# REMOTE CONTROL

The descriptions in this manual are based on the buttons of the remote control. Please read this manual carefully and use the TV correctly.

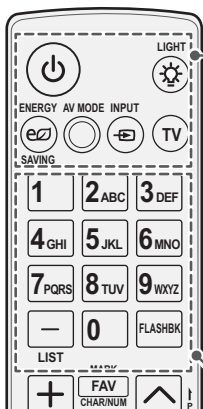
To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. Be sure to point the remote control at the remote control sensor on the TV.  
To remove the batteries, perform the installation actions in reverse.



## CAUTION

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

Make sure to point the remote control at the remote control sensor on the TV.



### ⏻ (POWER)

Turns the TV on or off.

### LIGHT (Depending on model)

Illuminates the remote control buttons.

### ENERGY SAVING (See p.82)

Adjusts the brightness of the screen to reduce energy consumption.

### AV MODE (See p.48)

Selects an AV mode.

### INPUT (See p.48)

Changes the input source;  
Turns the TV on

### TV

Returns to the last TV channel.

### Alphanumeric buttons

Enters letters and numbers.

### LIST (See p.45)

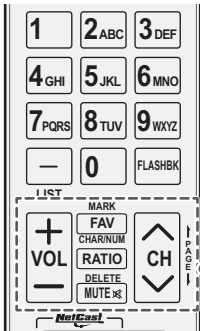
Accesses the saved channel list.

### - (Dash)

Inserts a dash between numbers such as 2-1 and 2-2.

### FLASHBK

Alternates between the two last channels selected (pressing repeatedly);  
Selects a channel on the currently selected channel list.



**VOL**  
Adjusts the volume level.

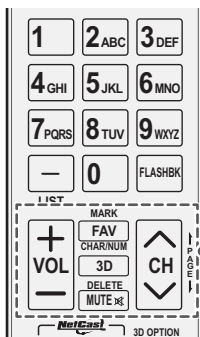
**MARK**  
Selects a menu or option.  
**FAV** (See p.45)  
Accesses your favorite channel list.

**CHAR/NUM**  
Switches between Letter and Number input modes.

**RATIO** (See p.47)  
Resizes an image

**MUTE**  
Mutes all sounds  
**DELETE**  
Deletes letters and numbers.

**CH**  
Scrolls through the saved channels.  
**PAGE**  
Moves to the previous or next screen.



**VOL**  
Adjusts the volume level.

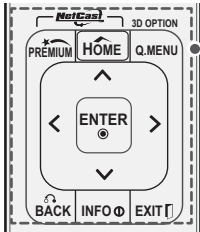
**MARK**  
Selects a menu or option.  
**FAV** (See p.45)  
Accesses your favorite channel list.

**CHAR/NUM**  
Switches between Letter and Number input modes.

**3D** (See p.78)  
Used for viewing 3D video.

**MUTE**  
Mutes all sounds.  
**DELETE**  
Deletes letters and numbers.

**CH**  
Scrolls through the saved channels.  
**PAGE**  
Moves to the previous or next screen.

**PREMIUM**

Accesses the Premium menus.

**Home** (See p.43)

Accesses the Home menu.

**● MENU** (See p.49)

Accesses the quick menu.

**3D OPTION** (for 3D TV)

Used for viewing 3D video.

**Navigation buttons** (up/down/left/right)

Scrolls through menus or options.

**ENTER**

Selects menu or options and confirms your input.

**BACK**

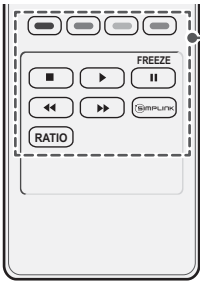
Returns to the previous level.

**INFO**

Views the information of the currently program and the screen.

**EXIT**

Clears all on-screen displays and returns to TV viewing.



**Color buttons**

These access special functions in some menus.

**Control buttons**

Controls the Premium contents, **Smart Share** menus, or the SIMPLINK compatible devices (USB, SIMPLINK).

**FREEZE** (  )

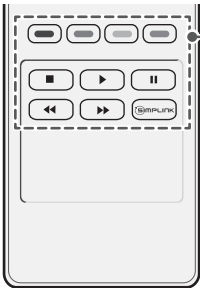
Freezes the current frame (Not supported when using USB Mode and Simplink.)

**SIMPLINK** (See p.111)

Accesses the AV devices connected to the TV;  
Opens the SIMPLINK menu.

**RATIO** (See p.47)

Resizes an image.



## Magic Motion Remote Control Functions

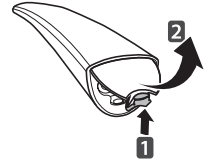
LW5700, LV5400, LV3700, LK530, LK550 series: Supports the Magic Motion remote control, which is sold separately.

Please read this manual carefully and use the TV correctly.

When the message "Magic motion remote control battery is low. Change the battery." is displayed, replace the battery.

To replace batteries, open the battery cover, replace batteries (1.5 V AA) matching ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. 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.

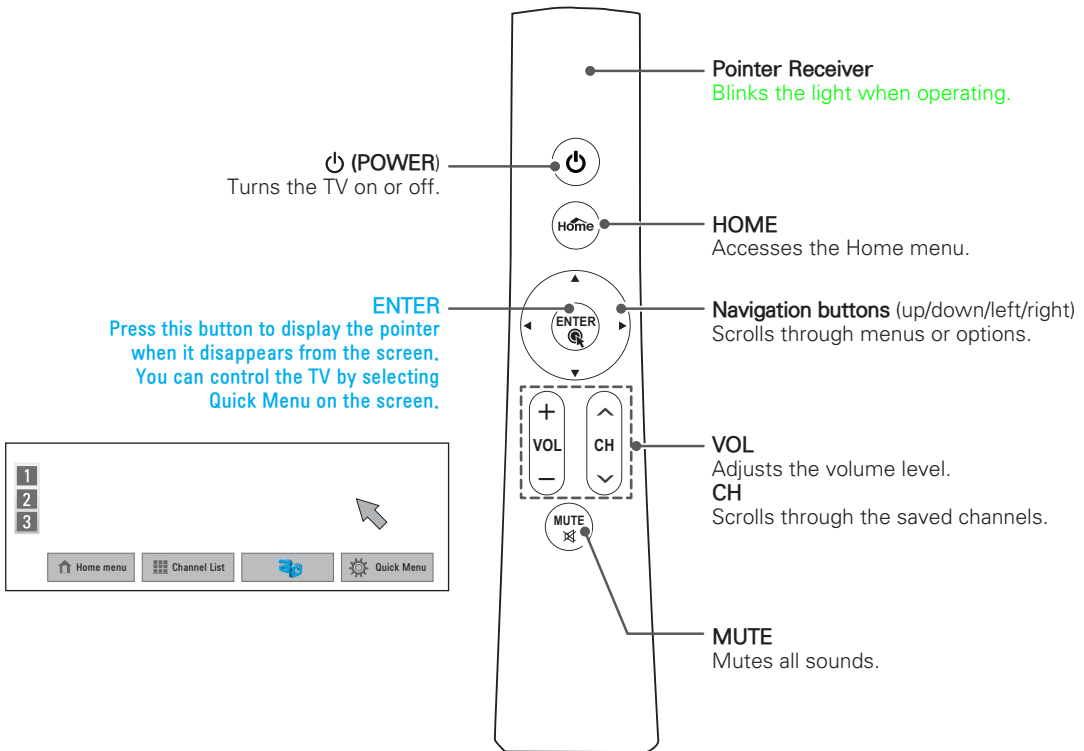


**CAUTION**

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

Make sure to point the remote control at the remote control sensor on the TV.

ENGLISH



## Registrating Magic Motion Remote Control

The Magic Motion Remote Control operates by pairing with your TV.

[Register the Magic Motion Remote Control to use it.](#)

### How to register the Magic Motion Remote Control

To register the remote control, press the **ENTER** button on the remote control while aiming it at your TV.

### How to Re-register the Magic Motion Remote Control after Registration Failure

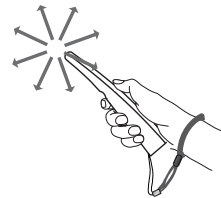
Reset the remote control by pressing and holding both the **ENTER** and **MUTE** buttons for 5 seconds. (Once the reset is complete, the light on the Pointer RF Receiver blinks.) Then repeat the above procedure to register the remote control.

## How to use Magic Motion Remote Control

- 1 Press **ENTER** button if there is no pointer on your TV screen. The pointer will then appear on the screen.  
If the pointer has not been used for a certain period of time, it will disappear.
- 2 You can move the pointer by aiming the Pointer Receiver of the remote control at your TV then move it left, right, up or down.  
If the pointer does not work properly after clicking the **ENTER** button, leave the remote control for 10 seconds then use it again.

## Precautions to Take when Using the Magic Motion Remote Control

- Use the remote control 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 this will use the same bandwidth (2.4 GHz) as the Magic Motion Remote Control.
- The Magic Motion Remote Control may be damaged or may malfunction if it is dropped or receives a heavy impact.
- When playing a game using the Magic Motion Remote Control, hold it securely by wrapping its strap around your wrist and adjusting the length with the adjustable ring.
- Take care not to bump into nearby furniture or other people when using the Magic Motion Remote Control.
- Manufacturer and installer cannot provide service related to human safety as the applicable wireless device has possibility of electric wave interference.





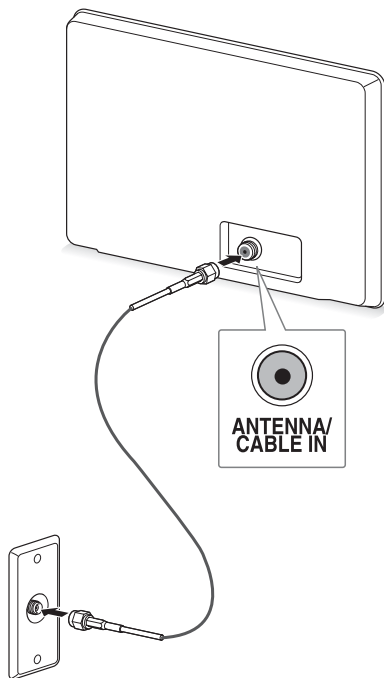
## WATCHING TV

### Connecting to an antenna or cable

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

#### Connecting an antenna or basic cable

Connect the TV to a wall antenna socket with a RF cable (75  $\Omega$ ).

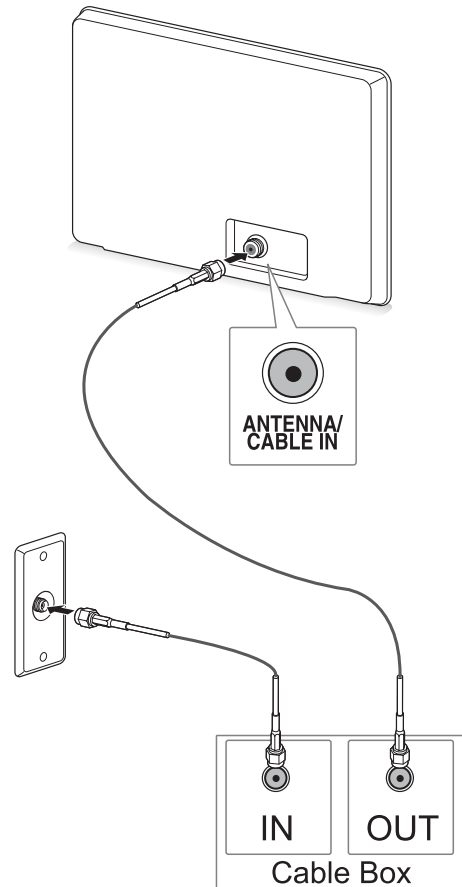


#### NOTE

- Use a signal splitter to use more than 2 TVs.
- Visit <http://lgknowledgebase.com> for more information about the antenna and cable connection. [Search for antenna.](#)

### Connecting a cable box

Connect the TV to a cable box and the cable box to a wall antenna socket with 2 RF cables (75  $\Omega$ ).



#### 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.

## Turning the TV on for the first time

When you turn the TV on for the first time, the Initial setting screen appears. Select a language and customize the basic settings.

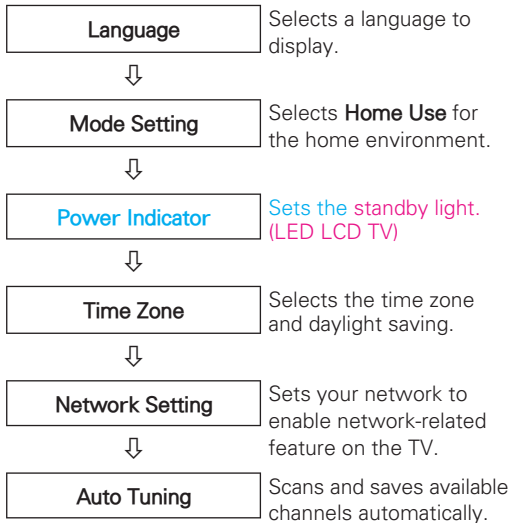
- 1 Connect the power cord to a power outlet.
- 2 In Standby mode, press **POWER** to turn the TV on.  
The Initial setting screen appears if you turn the TV on for the first time.



### NOTE

- You can also access **Initial Setting** by accessing **OPTION** in the Home menu - **SETUP**.

- 3 Follow the on-screen instructions to customize your TV settings according to your preferences.



### NOTE

- To display images in the best quality for your home environment, select **Home Use**.
- **Store Demo** is suitable for the retail environment.
- If you select **Store Demo**, the any customized settings will switch back to the default settings of **Store Demo** in 5 minutes.
- [Power Indicator feature is disabled in Store Demo mode.](#)

- 4 When the basic settings are complete, press **ENTER**.




### NOTE

- If you do not complete the Initial setting, it will appear whenever the TV turns on.
- Disconnect the power cord from the power outlet when you do not use the TV for a long period of time.

- 5 To turn the TV off, press **POWER**.

## Watching TV

- 1 In Standby mode, press **POWER** to turn the TV on.
- 2 Press **INPUT** and select **TV**.
- 3 Control the TV using the following buttons while you are watching TV.

Button	Description
CH (^, v)	Scrolls through saved channels.
LIST	Selects a channel on the saved <b>or</b> <b>recent watched</b> channel list.
0 - 9	Selects a channel by entering numbers.
VOL (+, -)	Adjusts the volume level.
MUTE	Mutes all sounds.
AV MODE <sup>1</sup>	Selects an AV mode (See p.48).
●.MENU	Accesses the quick menus (See p.49).
FLASHBK	Alternates between the last two channels selected.
RATIO	Resizes an image (See p.47).
FREEZE (  ).	Freezes the current frame while you are watching TV

1 Each **AV mode** has the optimized image and sound settings. If you select **Off**, the image and sound settings will be restored to the previously customized settings.

- 4 To turn the TV off, press **POWER**. The TV switches to Standby mode.

## Accessing Home Menu

- 1 Press **HOME** to access the Home menu.
- 2 Press the Navigation buttons to scroll to one of the following menus and press **ENTER**.
- 3 Press the Navigation buttons to scroll to the setting or option you want and press **ENTER**.
- 4 When you are finished, press **EXIT**.



Option	Description
①	Current Date, Time
②	<b>Channel program info</b>
③	<b>Function card: 각 카드를 선택하면 여러가지 콘텐츠를 즐길 수 있습니다.</b>
④	Function card position
⑤	<b>Sign In</b>
⑥	Exit
⑦	Current watching channel screen
⑧	<b>INPUT, SETUP, Favorite CH</b>
⑨	Quick Apps.

## Managing channels

### Setting up channels

#### Storing channels

To store channels automatically,

- 1 Press **HOME** to access the Home menu.
- 2 Press the Navigation buttons to scroll to **SETUP** and press **ENTER**.
- 3 Press the Navigation buttons to scroll to **CHANNEL** and press **ENTER**.
- 4 Press the Navigation buttons to scroll to **Auto Tuning** and press **ENTER**.
- 5 Select **Start** to start automatic tuning.  
The TV scans and saves available channels automatically.



#### NOTE

- If the TV scans and saves channels, the previously saved channels will be overwritten.

- 6 When you are finished, press **EXIT**.  
When you return to the previous menu, press **BACK**.

To store channels manually,

- 1 Press **Home** to access the Home menu.
- 2 Press the Navigation buttons to scroll to **SETUP** and press **ENTER**.
- 3 Press the Navigation buttons to scroll to **CHANNEL** and press **ENTER**.
- 4 Press the Navigation buttons to scroll to **Manual Tuning** and press **ENTER**.
- 5 Scroll through the channel types, and then add or delete channels.
- 6 When you are finished, press **EXIT**.  
When you return to the previous menu, press **BACK**.



#### NOTE

- If the TV scans a blocked channel, you will be prompted to enter your password to keep the channel scanned.
- You can store up to 1000 channels. The number of channels that you can store differs depending on the broadcasting signal environment.
- The channels are stored in the order of DTV, TV, Cable DTV and Cable TV.

#### Editing your channel list

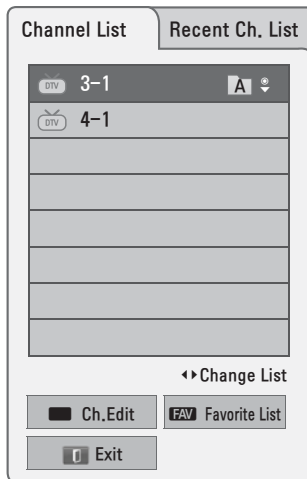
- 1 Press **HOME** to access the Home menu.
- 2 Press the Navigation buttons to scroll to **SETUP** and press **ENTER**.
- 3 Press the Navigation buttons to scroll to **CHANNEL** and press **ENTER**.
- 4 Press the Navigation buttons to scroll to **Channel Edit** and press **ENTER**.
- 5 Edit channels using the following buttons.

Button	Description	
^	Highlight the channel type (DTV, TV, Cable DTV, Cable TV).	
^, v, <, >	Scrolls through channel types or channels.	
ENTER	Edits channels.	
	Watch	Selects the highlighted channel to view.
	Set as Favorite	Registers or cancels the current channel in favorite channel list.
	Add/Delete	Adds or deletes a channel. The deleted channel displays in blue.
Block	Blocks or unblocks a channel.	
CH (^, v)	Moves to the previous or next page.	
Red button	Selects your desired favorite channel group.	

- 6 When you are finished, press **EXIT**.  
When you return to the previous menu, press **BACK**.

### Selecting a channel on the channel list

- 1 Press **LIST** to access the channel list.



Button	Description
<, >	Selects Channel list or Recent channel list.
^, v	Scrolls through channel.
ENTER	Selects the highlighted channel to view.
CH (^, v)	Moves to the previous or next page.
Red button	Edits Channel.
FAV	Sets up a favorite channel list.

- 2 When you are finished, press **EXIT**.  
When you return to the previous menu, press **BACK**.

#### ! NOTE

- If you select the blocked channel, you will be prompted to enter your password.

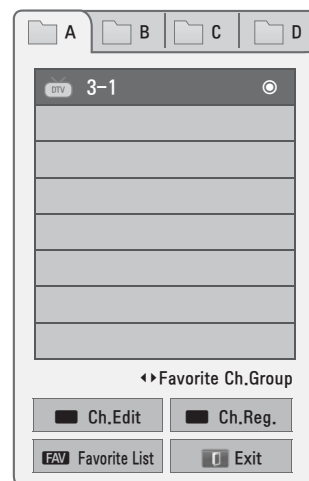
### Using favorite channels

Add the channels that you watch frequently to the favorite list.

- 1 Select a channel to add to the favorite list.
- 2 Press **FAV**.

#### ! NOTE

- You can also access the input favorite list. by selecting **Favorite List** in the **Home** menu.

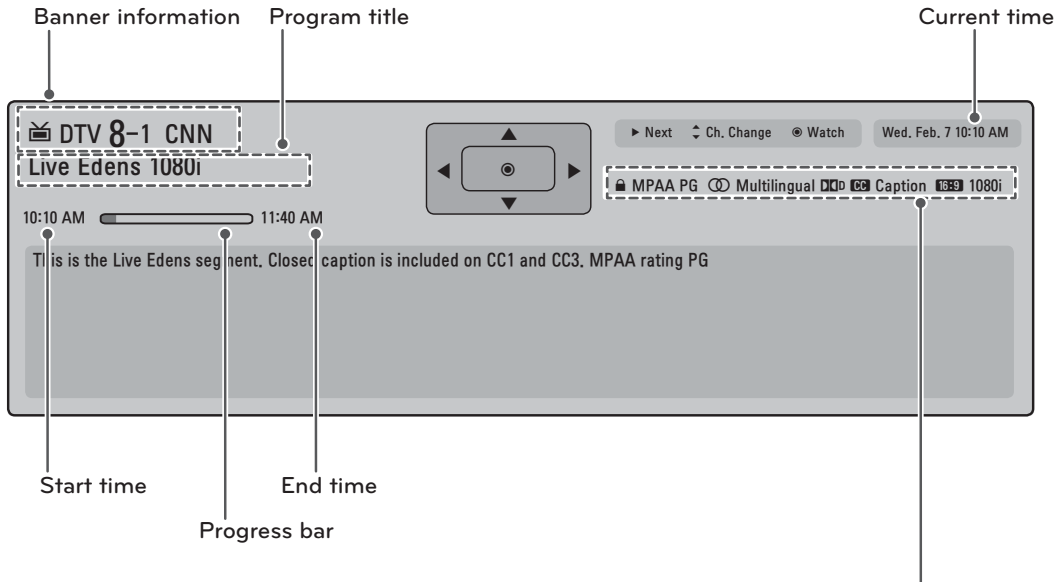


Button	Description
<, >	Selects a desired channel group.
CH (^, v)	Moves to the previous or next page
Red button	Moves to the Channel Edit.
Green button	Registers or cancels the selected channel.
FAV	Moves to the Channel List.

- 3 When you are finished, press **EXIT**.

## Checking current program info

Press **INFO** to view the information of the currently program while you are watching. The following information appears at the bottom of the screen.



Icon		Description
Multilingual		The program contains two or more audio language services. You can select an audio language you want by using the quick menu.
Dolby Digital		The program contains a Dolby Digital audio signal in TV and HDMI input sources.
Dolby Digital Plus		The program contains a Dolby Digital Plus audio signal in TV and HDMI input sources.
Caption		The program contains one or more language caption services. You can select a closed caption you want by using the quick menu.
Aspect ratio		The original aspect ratio of the video is 4:3. The original aspect ratio of the video is 16:9 (wide).
Resolution		The video resolution is 720 x 480i. The video resolution is 720 x 480p. The video resolution is 1280 x 720p. The video resolution is 1920 x 1080i. The video resolution is 1920 x 1080p.
V-Chip		The program contains Lock information. Refer to the "TV Rating-General" (See p.91)

## Using additional options

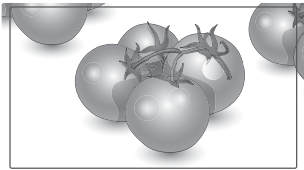
### Adjusting aspect ratio

Resize an image to view at its optimal size by pressing **RATIO** while you are watching TV.

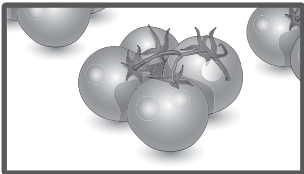
#### ! NOTE

- You can also change the image size by pressing **•**, **MENU** or accessing **Aspect Ratio** in the **PICTURE** menu.
- The available ratio varies depending on the input source.
  - The input sources: HDMI and RGB-PC support 4:3 and 16:9.
  - The input sources: HDMI-PC 1920 X 1080 supports all of the aspect ratios.

- **16:9:** Resizes images to fit the screen width.



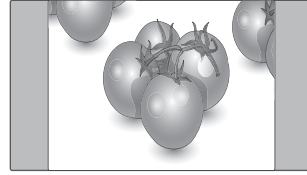
- **Just Scan:** Displays video images in the original size without disappearing parts at the edge of the image.



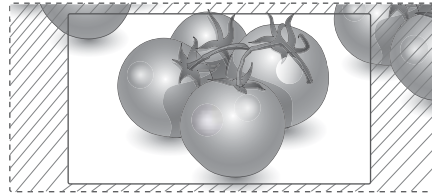
#### ! NOTE

- If you select Just Scan, you may see image noises at the edge of the original signal.
  - The input sources: DTV, CADTV, Component, HDMI-DTV, and DVI-DTV (720p/1080i/1080p) support Just Scan.
- **Set By Program:** Displays images in the same aspect ratio with the original image.

- **4:3:** Resizes images at the standard 4:3 without distortion.



- **Cinema Zoom:** Enlarges an image in the cinemascope ratio, 2.35:1.
  - To change the ratio of the cinema zoom, press **<** or **>** and its range is from 1 to 16.
  - To move the zoom focus up or down, press **▲** or **▼**.



#### ! NOTE


- If you enlarge or reduce an image, the image may be distorted.



## Changing AV modes

Each **AV mode** has the optimized image and sound settings.

Press **AV MODE** repeatedly to select an appropriate modes.

Mode	Description
Off	Changes to the previously customized settings
Cinema or THX Cinema	Use the optimized image and sound setting for the cinematic look
Sport (  )	Use the optimized image and sound setting for dynamic action sports.
Game	Use the optimized image and sound setting for fast gaming. When playing a video game using PlayStation or Xbox, it is recommended to use the Game mode. When in Game mode, functions related to picture quality will be optimized for playing games.

## Using the input list

### Selecting an input source

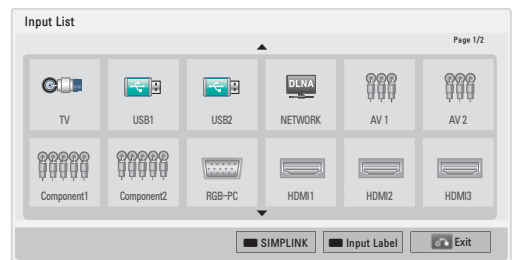
- 1 Press **INPUT** to access the input sources.
  - The connected device displays on each input source.



### NOTE

- You can also access the input source list by selecting **INPUT** in the **Home** menu.

- 2 Press the Navigation buttons to scroll to one of the input sources and press **ENTER**.



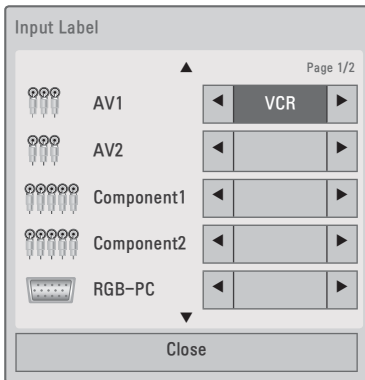
Input source	Description
TV	Watch TV over the air, cable, and digital cable broadcast.
USB	Use the movie, photo or music file.
NETWORK	Use it for DLNA.
AV	Watch the contents in a VCR or other external devices.
Component	Watch the contents in a DVD or other external devices, or through a digital set-top box.
RGB-PC	View a PC display on the screen.
HDMI	Watch contents in a HTS or other high definition devices.

The disconnected input sources in grey.

- To add an input label, press the Green button. You can easily identify a device connected to each input source.
- If you connect a new external device to the TV, a pop-up window appears. Select **Yes** on the pop-up window to select an input source.
- To access the SIMPLINK, press the Red button. If you select "SIMPLINK and On", the pop-up window for the HDMI input will not display.

### Adding an Input label

Add a label to an input source so that you can easily identify a device connected to each input source.



- 1 Press **INPUT** to access the input sources.
- 2 Press the Green button.
- 3 Press the Navigation buttons to scroll to one of the input sources.
- 4 Press the Navigation buttons to scroll to one of the input labels.
- 5 When you are finished, press **EXIT**.  
When you return to the previous menu, press **BACK**.

## Using the quick menu

Customize the frequently using menus.

- 1 Press **●. MENU** to access the quick menus.
- 2 Press the Navigation buttons to scroll through the following menu and press **ENTER**.

Menu	Description
<b>Aspect Ratio</b>	Changes the image size (16:9, Just Scan, Set By Program, 4:3, Cinema Zoom)
<b>Picture Mode</b>	Changes the image mode (Intelligent sensor, Vivid, Standard, APS <sup>1</sup> , Cinema, THX Cinema <sup>1</sup> , THX Bright Room <sup>1</sup> , Sport <sup>1</sup> , Game, Expert1, Expert2)
<b>Sound Mode</b>	Changes the sound mode (Standard, Music, Cinema, Sport, Game)
<b>Sleep Timer</b>	Sets the length of time until the TV to turns off.
<b>Caption</b>	Activates or deactivate the subtitles
<b>Multi Audio</b>	Changes the audio language (Digital signal)
<b>SAP</b>	Changes the MTS sound (Analog signal)
<b>Energy Saving</b>	Reduces the power consumption by adjusting the screen brightness. (Auto, Off, Minimum, Medium, Maximum, Screen Off)
<b>AV Mode</b>	Sets the optimized image and sound settings (Off, Cinema, Sport <sup>1</sup> , Game)
<b>Del/Add</b>	Edits the channels to add or delete the channel.
<b>USB Device</b>	Eject a USB device.

1 Depending on model

### ! NOTE

- The available menus and options may differ from the input source that you are using.

- 3 Press the Navigation buttons to scroll to the option you want.
- 4 When you are finished, press **●. MENU**.

# ENTERTAINMENT

## Connecting the TV to a network

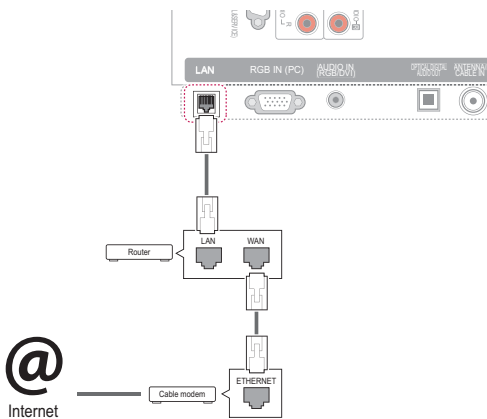
### Connecting the wired network

Connect the TV and a local area network (LAN) via the LAN port as shown on the following illustration and set up the network settings.

If wired and wireless networks are both available, wired is the preferred method.

After making a physical connection, a small number of home networks may require the TV network settings to be adjusted.

For detail information, contact your internet provider or router manual.



#### CAUTION

- Do not connect a modular phone cable to the LAN port.
- Since there are various connection methods, please follow the specifications of your telecommunication carrier or internet service provider.
- After connecting the LAN port, use the Premium or TV Apps menu. For more information about Premium or TV App setup and troubleshooting, visit <http://lgknowledgebase.com>. Search for NetCast.?

To set up the network settings,

- 1 Press **HOME** to access the Home menu.
- 2 Press the Navigation buttons to scroll to **SETUP** and press **ENTER**.
- 3 Press the Navigation buttons to scroll to **NETWORK** and press **ENTER**.
- 4 Press the Navigation buttons to select **Network Setting** and press **ENTER**.
- 5 If **wired and wireless are simultaneously connected**, press the Navigation buttons to select **Wired** and press **ENTER**.
- 6 If you already set Network Setting, select **Resetting**. The new connection settings resets the current network settings.
- 7 Select **IP Auto Setting** or **IP Manual Setting**.
  - If selecting **IP Manual Setting**, press the Navigation and Number buttons. IP addresses will need to be input manually.
  - **IP Auto Setting**: Selects if there is a DHCP server on the local area network (LAN) via wired connection, the TV will automatically be allocated an IP address. If you're using a broadband router or broadband modem that has a DHCP (Dynamic Host Configuration Protocol) server function. The IP address will automatically be determined.
  - **IP Manual Setting**: Selects if there is no DHCP server on the network and you want to set the IP address manually.
- 8 When you are finished, press **EXIT**.



#### NOTE

- If you want to access the Internet directly on your TV, the broadband internet connection should always be on.
- If you cannot access the Internet, check the network conditions.
- When you use **Network Setting**, check the LAN cable or check if the DHCP in the router turns on.
- If you do not complete the network settings, the network may not work properly.

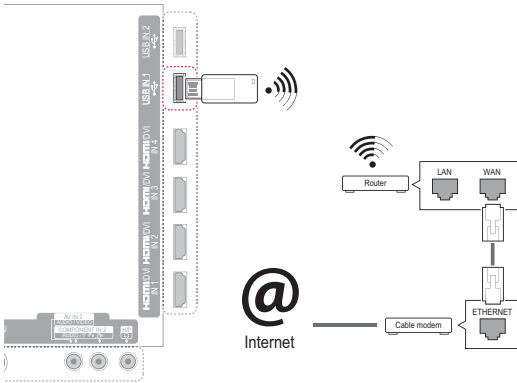
## Connecting the wireless network

The LG Wireless LAN for Broadband/DLNA Adaptor, which is sold separately, allows the TV to connect to a wireless lan network.

The network configuration and connection method may vary depending on the equipment in use and the network environment. Refer to the setup instructions supplied with your access point or wireless router for detailed connection steps and network settings.

Setting up the AP (Access Point) or the wireless router is required before connecting the TV to the network.

(Unnecessary **Wireless LAN for Broadband/DLNA adaptor** for LW9500 series)

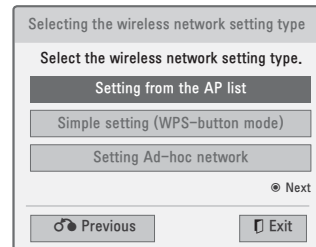


### NOTE

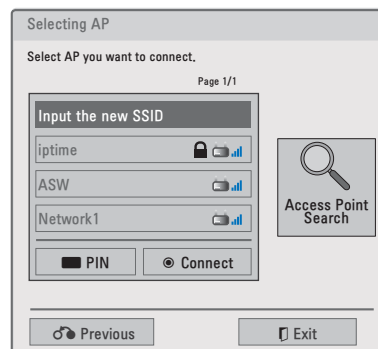
- For enjoying pictures, music, or video stored in the PC using the router, the use of wired port in the router is recommended.
- When the wireless port of the router is used, there may be restrictions for some functions.
- It is recommended that an Access Point (AP) is installed more than 1 m away from the TV. If the AP is installed closer than 1 m, the magic motion remote controller may not perform as expected due to frequency interference.

To set up the network settings,

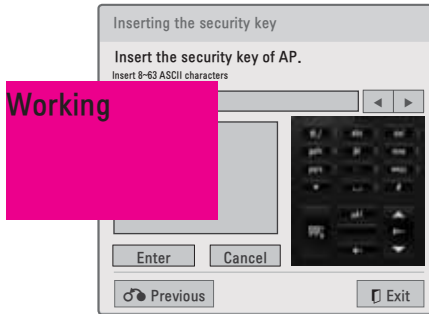
- 1 Press **HOME** to access the Home menu.
- 2 Press the Navigation buttons to scroll to **SETUP** and press **ENTER**.
- 3 Press the Navigation buttons to scroll to **NETWORK** and press **ENTER**.
- 4 Press the Navigation buttons to select **Network Setting** and press **ENTER**.
- 5 Press the Navigation buttons to select **Wireless** and press **ENTER**.
- 6 If you already set Network Setting, select **Resetting** and press **ENTER**.  
The new connection settings resets the current network settings.
- 7 Press the Navigation buttons to select **Setting from the AP list** and press **ENTER**.  
- Scan the all available AP (Access Point) or wireless routers within range and display them as a list.



- 8 Press the Navigation buttons to select an AP (Access Point) or wireless router on the list. (If your AP is locked, insert the security key of AP) and press **ENTER**.



- 9 Press the Number buttons to Input the security key of AP and press **ENTER**.



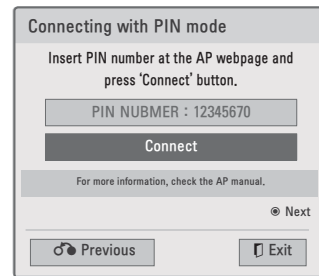
- 10 Repeat step 6-7 on "Connecting the wireless network".

## When a security code is already set

### PIN (Personal Identification Number)

If you want to connect the AP (Access Point) or router with PIN, use this feature.

- 1 Repeat step 1-7 on "Connecting the wireless network".
- 2 Press the Red button to connect the access point with **PIN** mode.
- 3 You can see the Network ID and Security Key on your TV screen.  
Enter the PIN number to your device.  
PIN number is the unique 8 digit number of the dongle.
- 4 Press **ENTER** to select **Connect**.



- 5 Repeat step 6-7 on "Connecting the wireless network".

### WPS (Wi-Fi Protected Setup)

If your access point or wireless router that supports PIN or WPS(Wi-Fi Protected Setup), it's available to use your access point or wireless router within 120 counts. You do not need to know the access point name (SSID: Service Set Identifier) and security code of your access point or wireless router.

- 1 Repeat step 1-7 on "Connecting the wireless network".
- 2 Press the Navigation buttons to select the **Simple setting (WPS-button mode)**.
- 3 Press **ENTER** to select **Connect**.
- 4 Repeat step 6-7 on "Connecting the wireless network".

**Ad-hoc Mode**

This is the method of communicating directly with the machine to communicate without AP.

This is the same as connecting two PCs with a cross cable.

- 1 Repeat step 1-5 on "Connecting the wireless network".
- 2 Press the Navigation buttons to select **Setting Ad-hoc network** and press **ENTER**.
- 3 Press the Navigation buttons to select **Enter** and press **ENTER**.
- 4 Press **ENTER** to select **Connect** to connect Ad-hoc network.
  - You can see the Network ID and Security Key on your TV screen.
  - Enter this Network ID and Security Key to your device.
  - If a network may not operate, change the setting information using the Red button.

**NOTE**

Example of the PC setting that supports a wireless network

- Find a wireless network device in your PC.
- Select LGTV10 that appears in the list. (Select the same name as the network ID that appears on your TV screen.)
- Type 1111111111 in the Inserting the security key dialog. (Type the security key that appears on your TV screen.)

- 5 Press the Navigation buttons to insert the IP address and press **ENTER**.

Option	Description
PC Setting	<ul style="list-style-type: none"> <li>• Internet Protocol(TCP/IP) of PC needs to be set manually. IP address, Subnet Mask, and default Gateway can be set with your own discretion.               <ul style="list-style-type: none"> <li>» i.e) IP address: 192.168.0.1 / Subnet Mask: 255.255.255.0 / default Gateway: 192.168.0.10</li> </ul> </li> </ul>
TV Setting	<ul style="list-style-type: none"> <li>• Verify IP address and gateway of PC. Input Gateway address of PC to IP Address, and IP Address of PC to Gateway, and select Enter.               <ul style="list-style-type: none"> <li>» i.e) IP address: 192.168.0.10 / Subnet Mask: 255.255.255.0 / default Gateway: 192.168.0.1</li> </ul> </li> </ul>

- 6 Press the Navigation buttons to select **Close** after Network setting is completed.
- 7 Press the **ENTER**.

**Tips for Network setting**

- For more information about **NetCast** setup and troubleshooting, visit <http://lgknowledgebase.com>. Search for **NetCast**.
- Use a standard LAN cable with this TV. Cat5 or better with a RJ45 connector.
- Many network connection problems during set up can often be fixed by re-setting the router or modem. After connecting the player to the home network, quickly power off and/or disconnect the power cable of the home network router or cable modem. Then power on and/or connect the power cable again.
- Depending on the internet service provider (ISP), the number of devices that can receive internet service may be limited by the applicable terms of service. For details, contact your ISP.
- LG is not responsible for any malfunction of the TV and/or the internet connection feature due to communication errors/malfunctions associated with your broadband internet connection, or other connected equipment.
- LG is not responsible for problems within your internet connection.
- Some content available through the network connection may not be compatible with the TV. If you have questions about such content, please contact the producer of the content.
- You may experience undesired results if the network connection speed does not meet the requirements of the content being accessed.
- Some internet connection operations may not be possible due to certain restrictions set by the Internet service provider (ISP) supplying your broadband Internet connection.
- Any fees charged by an ISP including, without limitation, connection charges are your responsibility.
- A 10 Base-T or 100 Base-TX LAN port is required for connection to this TV. If your internet service does not allow for such a connection, you will not be able to connect the TV.
- A DSL modem is required to use DSL service and a cable modem is required to use cable modem service. Depending on the access method of and subscriber agreement with your ISP, you may not be able to use the internet connection feature contained in this TV or you may be limited to the number of devices you can connect at the same time. (If your ISP limits sub-scription to one device, this TV may not be allowed to connect when a PC is already connected.)
- The use of a "Router" may not be allowed or its usage may be limited depending on the policies and restrictions of your ISP. For details, contact your ISP directly.
- The wireless network operates at 2.4 GHz radio frequencies that are also used by other household devices such as cordless telephone, Bluetooth® devices, microwave oven, and can be affected by interference from them. It can be interrupted by the device using 5 Ghz radio frequencies. It is same device with LG wireless media box, cordless telephone, other Wi-Fi device.
- It may decrease the service speed using Wireless network by surrounding wireless condition.
- Turn off all unused network equipment in your local home network. Some devices may generate network traffic.
- In some instances, placing the access point or wireless router higher up away from the floor may improve the reception.
- The reception quality over wireless depends on many factors such as type of the access point, distance between the TV and access point, and the location of the TV.
- When connecting internet through the wired/wireless sharing machine, it may interrupt the connection because of the use limitation and confirmation of service company.
- To connect wireless AP, an AP that supports the wireless connection is necessary, and the wireless connection function of the AP needs to be activated. Please enquire to the AP supplier for the possibility of AP wireless connections.
- Please verify the security settings of AP SSID for wireless AP connection, and enquire to the AP supplier for the AP SSID security settings.
- The TV can become slower or malfunction with wrong settings of network equipments (wired/wireless router, hub, etc). Please install correctly by referring to the manual of the equipment, and set the network.
- When AP is set to include 802.11 n, and if Encryption is designated as WEP(64/128bit) or WPA(TKIP/AES), the connection may not be possible. There may be different connection methods according to the AP manufacturers.

## Network Status

- 1 Press **HOME** to access the Home menu.
- 2 Press the Navigation buttons to scroll to **SETUP** and press **ENTER**.
- 3 Press the Navigation buttons to scroll to **NETWORK** and press **ENTER**.
- 4 Press the Navigation buttons to select **Network Status**.
- 5 Press **ENTER** to check the network status.

Option	Description
Setting	<a href="#">Return to the network setting menu or wireless network setting type menu.</a>
Test	<a href="#">Test the current network status after setting the network.</a>
Close	<a href="#">Return to the previous menu.</a>



## Premium card function

LG's Premium technology allows you to access a variety of online services or contents directly on your TV. **Your TV offers instant streaming of movies, weather, videos, and photo album services with Premium and the Internet connection.**

Enjoy entertainment including not only entertainment content, but also up-to-the **minute news, weather updates, photo management**, and more by simply using the TV's remote control without a separate PC.

- 1 Press **Premium** to access the Premium option.
- 2 Press the Navigation buttons to scroll to the contents you want and press **ENTER**.



Option	Description
①	Sign in the premium service.
②	Moves to the previous menu screen.
③	Returns to TV viewing.
④	Selects your desired online service. • If a service requires you to log in, you must first sign up to the service website on your computer and then log into the service on the TV.
⑤	Quick Apps: Stores the most frequently used apps among all downloads.

- 3 Enjoy Online service.

### CAUTION

- These services are provided by separate Content Provider.
- Please visit the content providers web site for specific information on their service (But, some content manual maybe not provide depending on Content Provider).
- Premium menu can differ by country.
- Note that content may be updated automatically depending on the service provider, so the content layout or operation method may change without notice. Please refer to the help menu on the screen.
- All information, data, documents, communications, downloads, files, text, images, photographs, graphics, videos, webcasts, publications, tools, resources, software, code, programs, applets, widgets, applications, products and other content ("Content") and all services and offerings ("Services") provided or made available by or through any third party (each a "Service Provider") is the sole responsibility of the Service Provider from whom it originated.
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**NOTE**

- The videos list searched from the TV may differ with the list searched from a web browser on PC.
- The playback of videos may be paused, stopped or buffering occurring often depending on your broadband speed.
- For service that requires log in, join the applicable service on the website using the PC and log in through the TV to enjoy various additional functionalities.
- For Plasma TV: If there is no user action 2 minutes following freezing image or video on screen, the screensaver will activate itself preventing fixed image remaining on screen.

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## TV Apps. card function

You can download various applications from LG App Store and enjoy them on your TV.



Option	Description
1 Sign In	Sign in the premium service.
2 Exit	Returns to TV viewing.
3 TV Apps.	Moves to TV Apps.
4	Moves to the TV Apps you want directly.
5 Search	Search the TV Apps.
6 Quick Apps.	Stores the most frequently used apps among all downloads. To change the list of Quick Apps, see "Using My Apps." on page 61.
7 My Apps.	Moves to My Apps.

## Registration TV Apps.

- 1 Press **Home** to access the Home menu.
- 2 Press **Red** button to register.  
- You can only register as a free member from your TV.
- 3 Create your ID and password.  
Press the Navigation buttons to select alphabet and number and select **OK**.



- 4 The registration is completed.

## Sign in with your TV Apps. account

To enjoy your TV Apps with your account, you need sign in with your TV Apps account.??

- 1 Press **Home** to access the Home menu.
- 2 Press **Red** button to sign in.  
It displays the keyboard menu for entering ID and password.
  - If you are not a member, press **Red** button again. You can only register as a free member from your TV.
- 3 Press the Navigation buttons to scroll to the alphabet or number and press **ENTER**.
  - Auto Sign In에 체크하면 TV를 켤 때마다 로그인하는 번거로움 없이 자동으로 로그인 상태가 유지됩니다.



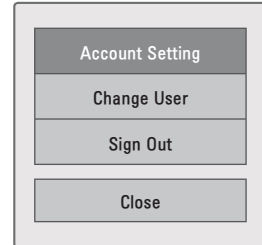
- 4 Enjoy TV Apps.  
You can enjoy Premium service, TV Apps, My Apps and much more.

### ! NOTE

- If you wish to become a paid member or change your information, please use your PC and visit <http://www.LGNETCAST.COM>
- You can download a paid app on up to five TV.

## ID Management

- 1 After sign in, press **Red** button again.  
A pop-up window will appears.
- 2 Press the Navigation buttons to scroll to the desired menu option and press **ENTER**.



- 3 Manage the ID by using following menu.

Option	Description
Account Setting	Checks basic information, apps you purchased and apps installed on your TV.
Change User	Deletes or changes your account.
Sign Out	

## Using TV Apps.

- 1 Press **Home** to access the Home menu.
- 2 Sign in your TV.
- 3 Press the Navigation buttons to scroll to the TV Apps and press **ENTER**.
- 4 Edit the Apps by using following menu.

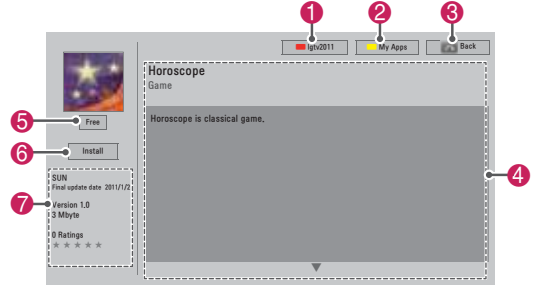


Option	Description
1 Sign in	Sign in to use the TV Apps.
2 Search	Search the TV Apps.
3 My Apps.	Move to My Apps.
4 Back	Move to the previous screen.
5 Exit	Exit TV Apps.
6 Apps Sorting	<ul style="list-style-type: none"> <li>• Hot: Most downloaded apps in the past 7 days</li> <li>• New: Most recently released apps</li> <li>• Top Paid: Most downloaded paid apps</li> <li>• ABC: Alphabetical order</li> </ul>
7 Apps Category	Shows the TV Apps category (All, Game, Entertainment, Life, Education, News)
8 Live TV	Watches the current channel.

## Purchasing and Installing Apps.

Log in first to purchase apps.

- 1 Press the Navigation buttons to select Apps you want and press **ENTER**.  
You can see the information of the App.
- 2 Press **Purchase** to buy a App.



Option	Description
1 Sign in	Sign in to use the TV Apps.
2 My Apps.	Move to My Apps.
3 Back	Move to the previous screen.
4 App description	Shows the description of the current Apps.
5 Fee	Shows the fee of the current app.
6 Install	Install the App.
7 App info.	Shows the information of the current Apps.