



APPENDIX G
: USER'S MANUAL

**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

19LV2500 32LV3400 42LV5000
22LV2500 32LV3500 47LV5000
26LV2500 37LV3500 55LV5000
32LV2500 42LV3500 47LV5300
26LV2520 47LV3500 55LV5300
32LV2520 55LV3500 42LV355C
22LV255C 32LV3520 55LV355C
26LV255C 42LV3520
55LV5300

LCD TV MODELS

26LK330 32LK330
32LK430 42LK430
42LK451C 47LK451C
32LK453C 37LK453C
42LK453C

PLASMA TV MODELS


32LK450 42PW340 42PW350U
37LK450 50PW340 50PW350U
42LK450 42PW350 42PW350R
47LK450 50PW350 50PW350R
42LK520 50PZ200
47LK520 60PZ200
55LK520


IMPORTANT SAFETY INSTRUCTIONS

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



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

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

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

WARNING/CAUTION

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

Read these instructions.
Keep these instructions.
Heed all warning.
Follow all instruction.



- Do not use this apparatus near water.



- Clean only with dry cloth.



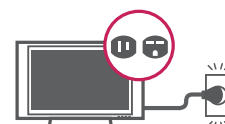
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.



- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet. (Can differ by country)



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



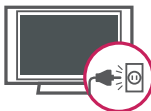
- Only use attachments/accessories specified by the manufacturer.



- Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



- Unplug this apparatus during lightning storms or when unused for long periods of time.



- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled 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: 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.

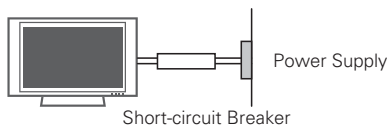


- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).



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.

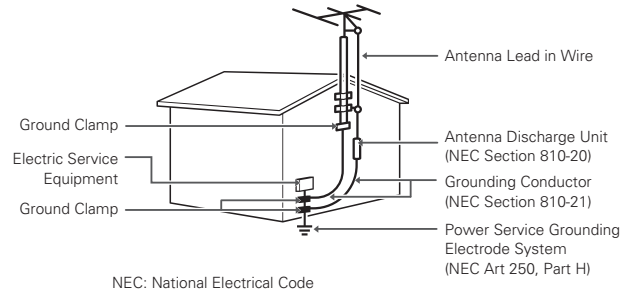
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.
- Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user's authority to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



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.

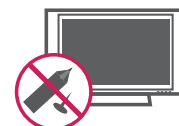
Moving

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.

- Take care not to touch the ventilation openings. When watching the TV for a long period, the ventilation openings may become hot. This does not affect the performance of the product or cause defects in the product.
- **Viewing 3D Imaging (For 3D TV)**
 - 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.

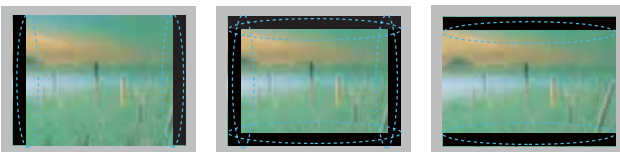


If the TV feels cold to the touch, there may be a small “flicker” when it is turned on. This is normal, there is nothing wrong with TV. Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the TV’s performance. Avoid 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.

Preventing “Image burn” or “Burn-in” on your TV screen



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

For USA and Canada

FCC NOTICE

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

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

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation of the device.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

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.

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Additional information of the manual

Viewing the owner's manual

The owner's manual in a PDF file format is supplied on a CD. Install the Adobe Acrobat Reader to view the owner's manual on your PC.

- 1 Insert the supplied CD.
The web page appears automatically.
- 2 Click Owner's Manual on the web page.



- 3 View the owner's manual.





NOTE

- If the web page does not appear automatically, access My computer and then click LG and **index.htm** to view the owner's manual.



NOTE

-  : Plasma TV  : LED LCD TV, LCD TV
- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.

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 and batteries (AAA)

Owner's manual

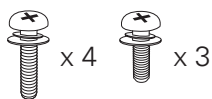
CD manual

Polishing cloth¹
(Depending on model)

1 Gently wipe the spots on the cabinet with the polishing cloth.

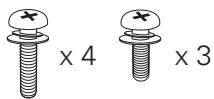
PW340, PW350, PW350U, PW350R, PZ200 series

(Other models)



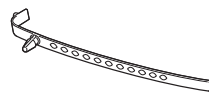
M4 x 26 M5 x 14.5

(For 60PZ200)

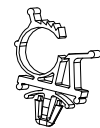


M4 x 28 M5 x 24

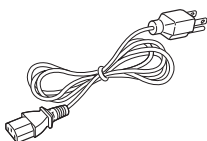
Screw for assembly



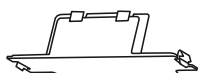
Cable holder



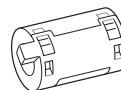
Power Cord holder



Power Cord



Protection cover



Ferrite core
(Depending on model)



Protection cover tape

32LV2500, 32LV2520, LV3400, LV3500, LV3520, LV5300, LW5000, LW5300, LV355C series

(32LV2500, 32LV2520) (Other models)

(LV5300 series)

(For 32LV2500, 32LV2520, 32LV3400, 32/37LV3500, 32LV3520)



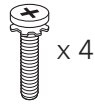
M4 x 14



M4 x 12

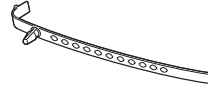


M4 x 26

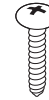


M4 x 16

Screw for assembly



Cable holder
(Depending on model)



Screw for fixing

(For LW5000, LW5300 series)



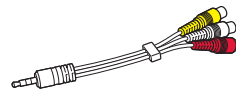
FPR 3D Glasses¹

(For LW5300 series)



Blu-ray player
(BD645)

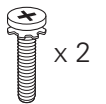
(Except LV3400 series)



Composite gender cable

1 The number of 3D glasses may differ depending on the model or country.

19/22/26LV2500, 26LV2520, LV255C series

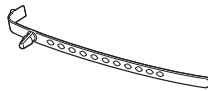


M4 x 16

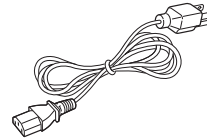


M4 x 6

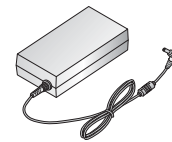
Screw for assembly



Cable holder
(Depending on model)



Power Cord



AC/DC Adapter

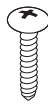
LK330, LK430, LK450, LK451C, LK453C, LK520 series

(Except 47LK450, 47LK451C, 47/55LK520)

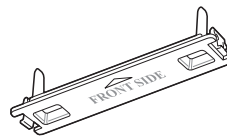


M4 x 20

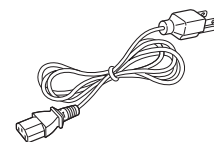
Screw for assembly



Screw for fixing



Protection cover



Power Cord

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.
- In case of some model, the thin film on screen is a part of TV, So don't take it off.

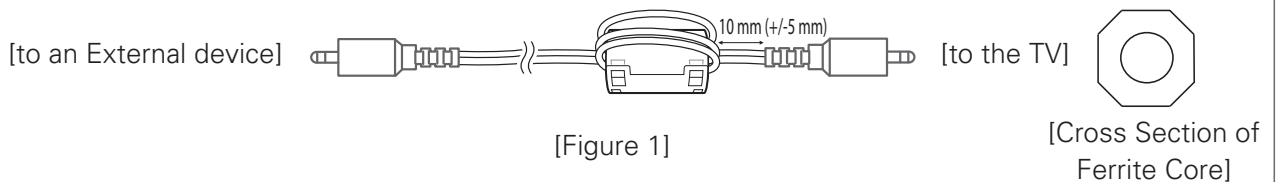
NOTE

- 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

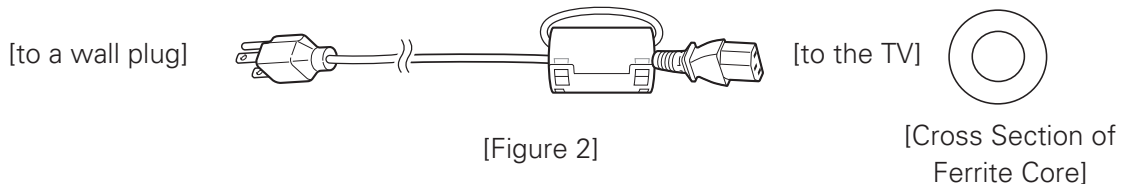
1 Use the ferrite core to reduce the electromagnetic interference in the PC audio cable.

Wind the PC audio cable on the ferrite core thrice. Place the ferrite core close to the TV.



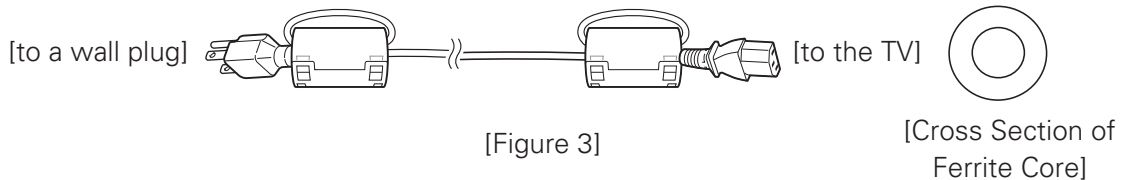
2 Use the ferrite core to reduce the electromagnetic interference in the power cable.

Wind the power cable on the ferrite core once. Place the ferrite core close to the TV.



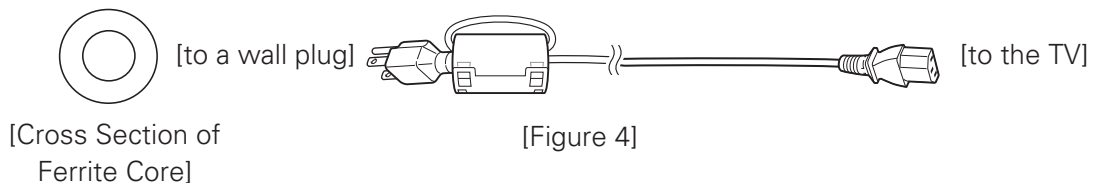
3 Use the ferrite core to reduce the electromagnetic interference in the power cable.

Wind the power cable on the ferrite core once. Place the ferrite core close to the TV and a wall plug.




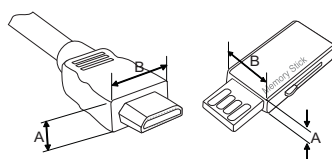
4 Use the ferrite core to reduce the electromagnetic interference in the power cable.

Wind the power cable on the ferrite core once. Place the ferrite core close to a wall plug.



- If there is one ferrite core, follow as shown in Figure 4.
- If there are two ferrite cores, follow as shown in Figures 1 and 2.
- If there are three ferrite cores, follow as shown in Figures 1 and 3.

- () 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.

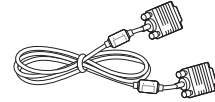
This device only works with compatible LG Plasma TV, LED LCD TV or LCD TV.



3D Glasses¹
(AG-S230, AG-S250, AG-S270)



FPR 3D Glasses²
(AG-F2**)

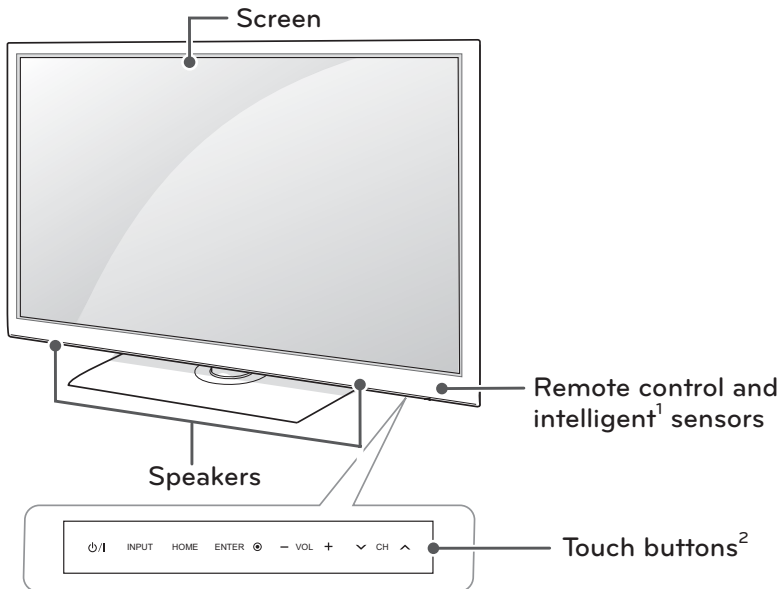


D-sub 15 pin signal cable³

- 1 Supports PW340, PW350, PW350R, PW350U, PZ200 series
- 2 Supports LW5000, LW5300 series
The model name or design may be changed depending on the upgrade of product functions, manufacturer's circumstances or policies.
- 3 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

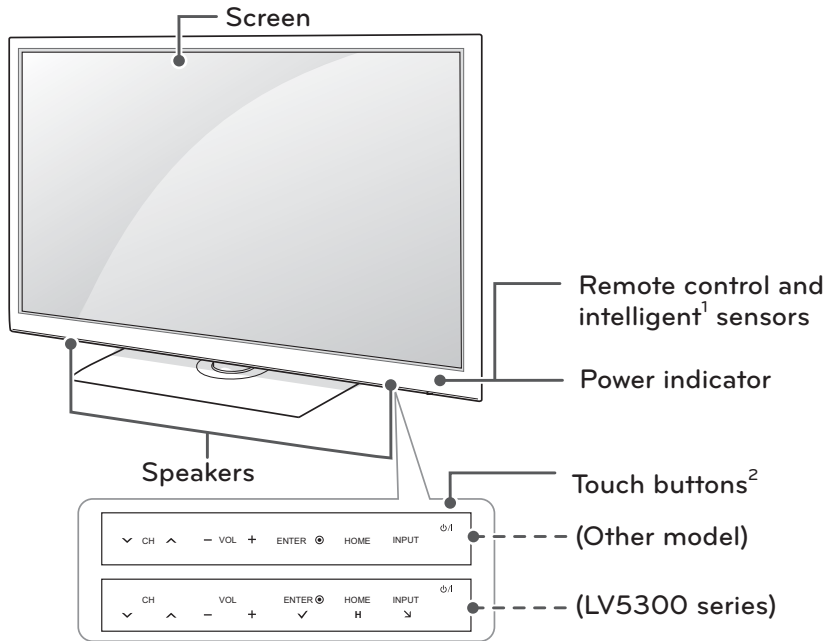
PW340, PW350, PW350U, PW350R, PZ200 series



Touch button ²	Description
⏻/⏻	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ◉	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
^ CH v	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.

32LV2500, 32LV2520, LV3500, LV3520, LV5300, LW5000, LW5300, LV355C series



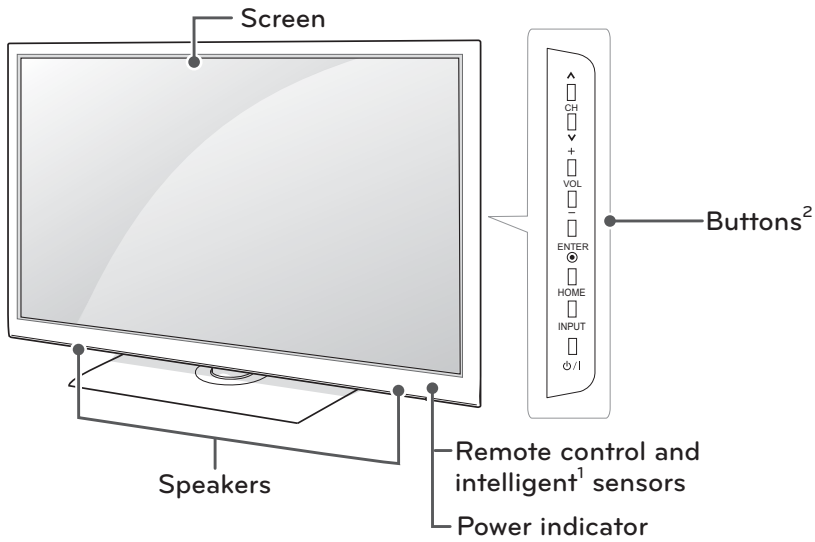
Touch button ²	Description
⏻/⏻	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ◉	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
∨ CH ∧	Scrolls through the saved channels.

- 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 main menus.

LV3400 series



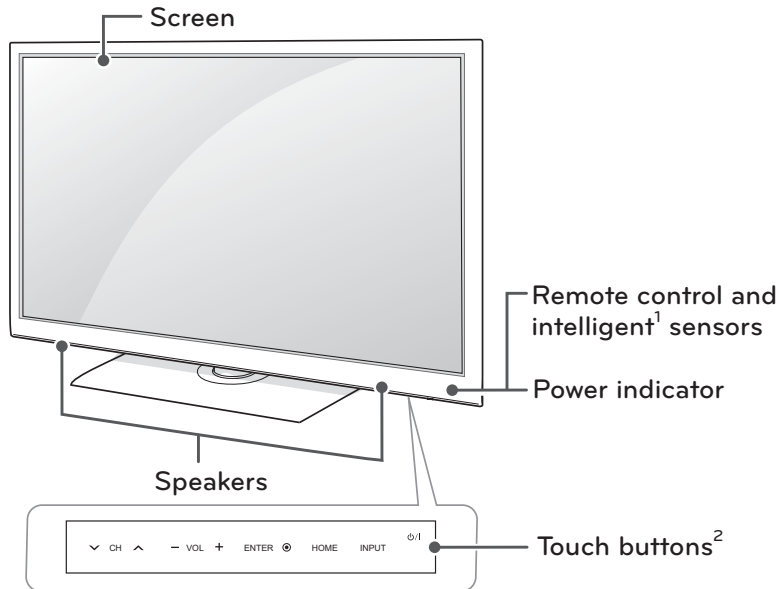
Button ²	Description
⏻/⏹	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ●	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
∨ CH ∧	Scrolls through the saved channels.

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

**NOTE**

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

19/22/26LV2500, 26LV2520, LV255C series



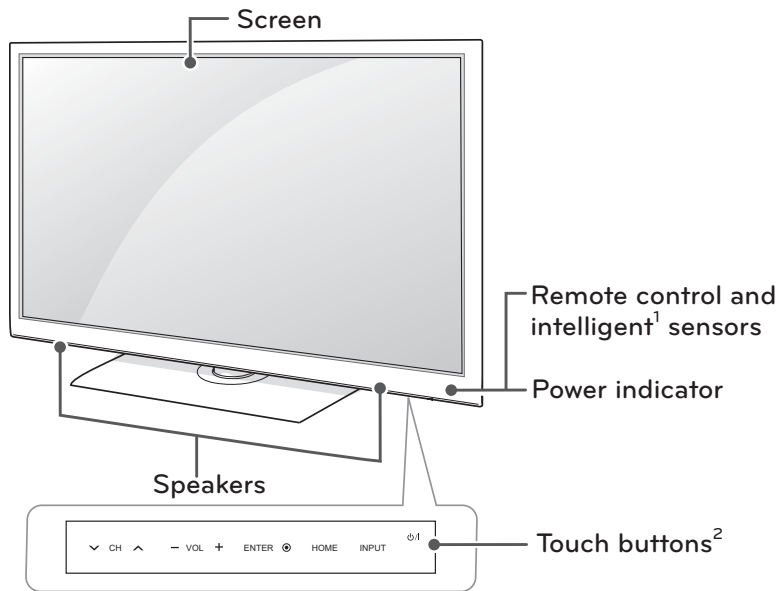
Touch button ²	Description
⏻/⏻	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ◉	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
√ CH ^	Scrolls through the saved channels.

- 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 main menus.

LK450, LK451C, LK453C series



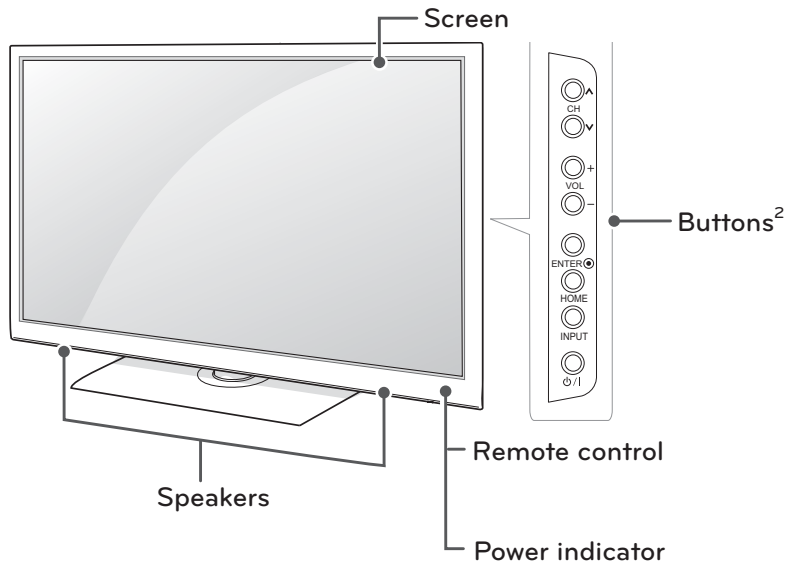
Touch button ²	Description
⏻/⏻	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ◉	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
∨ CH ∧	Scrolls through the saved channels.

- 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 main menus.

26LK330

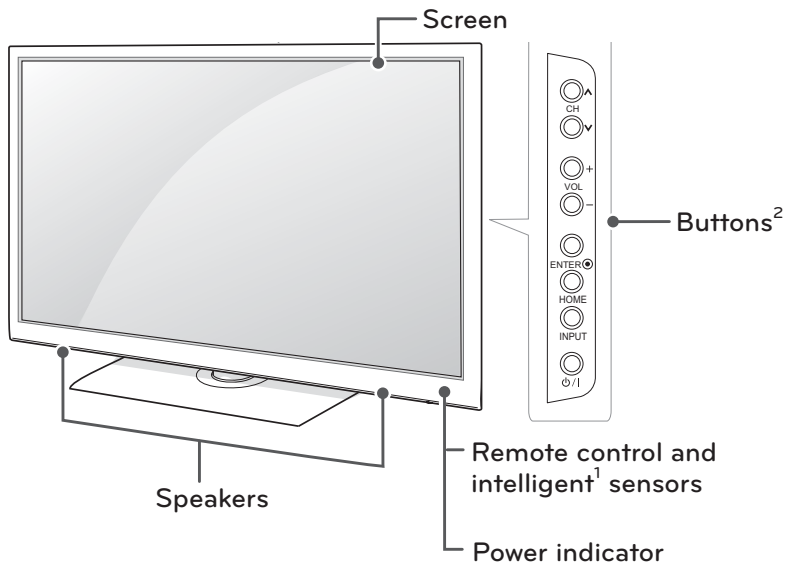


Button ²	Description
⏻/⏻	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ◉	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
√ CH ^	Scrolls through the saved channels.

**NOTE**

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

32LK330



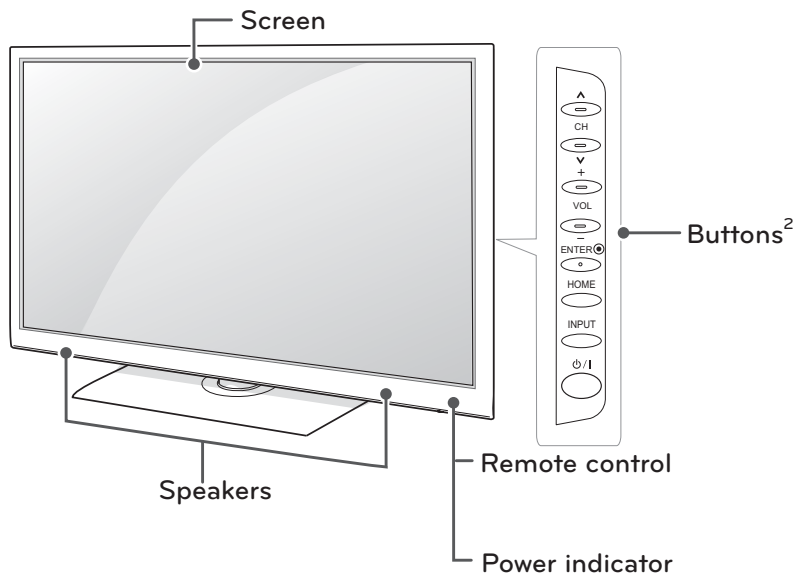
Button ²	Description
⏻ /	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ◉	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
∨ CH ^	Scrolls through the saved channels.

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

! **NOTE**

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

LK430 series

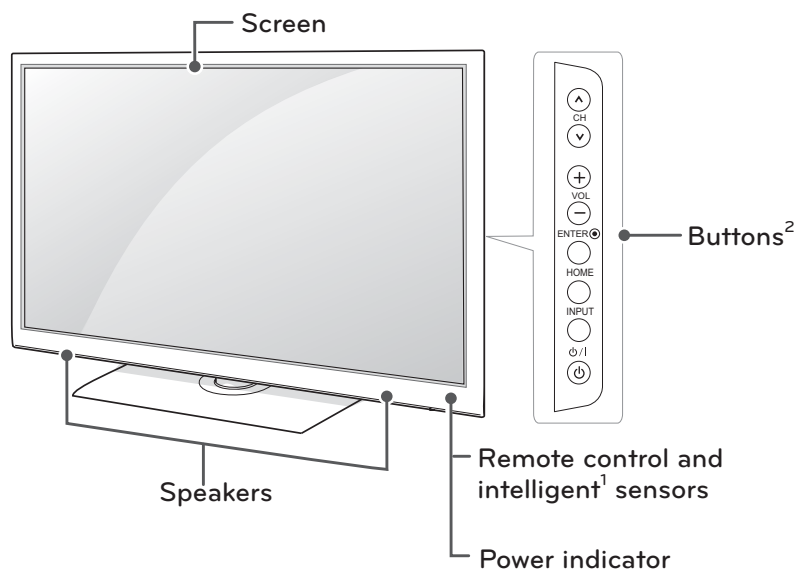


Button ²	Description
⏻/I	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, or saves your input and exits the menus.
ENTER ◉	Selects the highlighted menu option or confirms an input.
- VOL +	Adjusts the volume level.
∨ CH ∧	Scrolls through the saved channels.

**NOTE**

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

LK520 series



Button ²	Description
⏻/⏿	Turns the power on or off.
INPUT	Changes the input source.
HOME	Accesses the main menus, 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.

**NOTE**

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

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 save transportation regardless of its type and size.

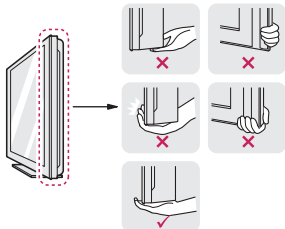
CAUTION

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

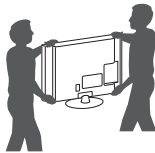
- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.
- When holding the TV, the screen should face away from you to prevent damage.



- 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

Put your TV on a pedestal stand and mount the TV on a table or wall.

Attaching the stand

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

PW340, PW350, PW350U, PW350R, PZ200 series

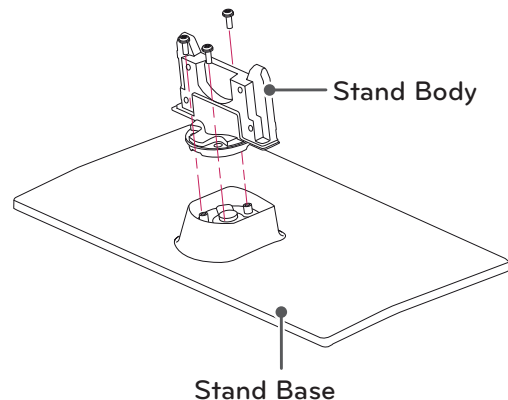
- 1 Lay the TV with the screen side down on a flat surface.

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.

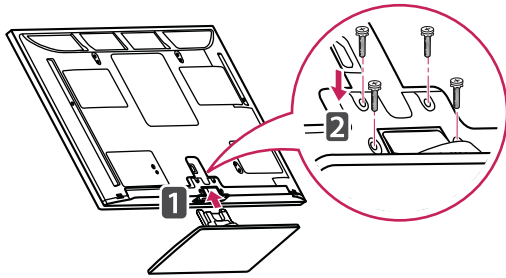
- 2 Assemble the parts of the STAND BODY with the STAND BASE of the TV.

Model	Screw for assembly	Number of screws
42/50PW340	M5 x 14.5	3
42/50PW350		
42/50PW350U		
42/50PW350R		
50PZ200	M5 x 24	3
60PZ200		



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

Model	Screw for assembly	Number of screws
42/50PW340 42/50PW350 42/50PW350U 42/50PW350R 50PZ200	M4 x 26	4
60PZ200	M4 x 28	4



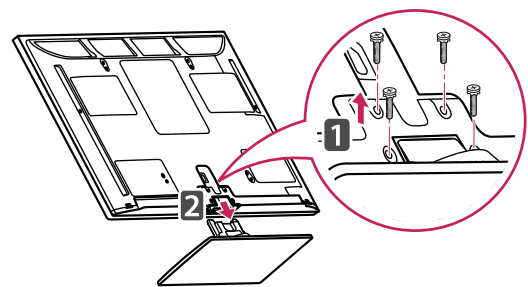
CAUTION

- 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.

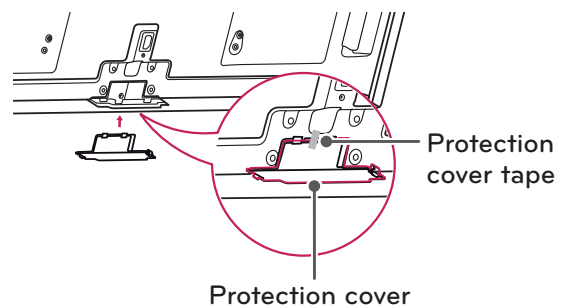
Model	Screw for assembly	Number of screws
42/50PW340 42/50PW350 42/50PW350U 42/50PW350R 50PZ200	M4 x 26	4
60PZ200	M4 x 28	4



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

Attach the protection cover tape.

- This will protect the opening from accumulating dust and dirt.
- When installing the wall mounting bracket, use the Protection cover.



32LV2500, 32LV2520, LV3400, LV3500,
LV3520, LV5300, LW5000, LW5300, LV355C
series

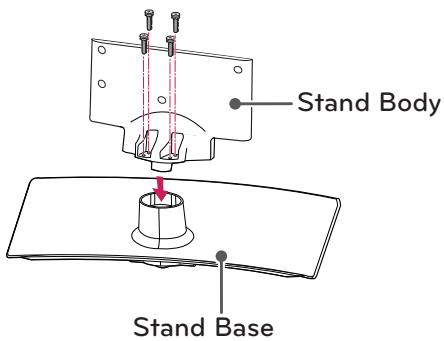
- 1 Lay the TV with the screen side down on a flat surface.

CAUTION

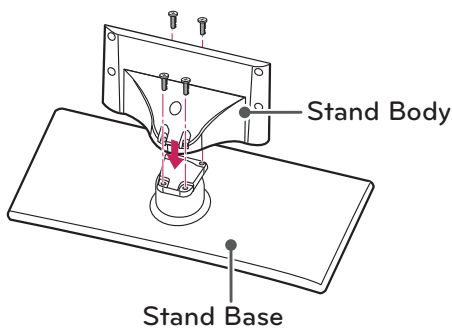
- Lay a foam mat or soft protective cloth on the surface to protect the screen from damage. Make sure no objects press against the screen.

- 2 Assemble the parts of the STAND BODY with the STAND BASE of the TV.

Model	Screw for assembly	Number of screws
32LV2500 32LV2520	M4 x 14	4
LV5300 series	M4 x 26	4

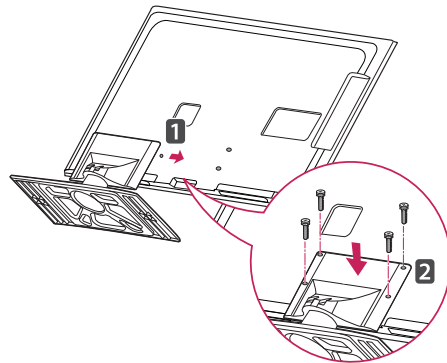


Model	Screw for assembly	Number of screws
LV3400, LV3500, LV3520, LW5000, LW5300, LV355C series	M4 x 12	4



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

Model	Screw for assembly	Number of screws
32LV2500 32LV2520	M4 x 14	4
LV5300 series	M4 x 16	4
LV3400, LV3500, LV3520, LW5000, LW5300, LV355C series	M4 x 12	4



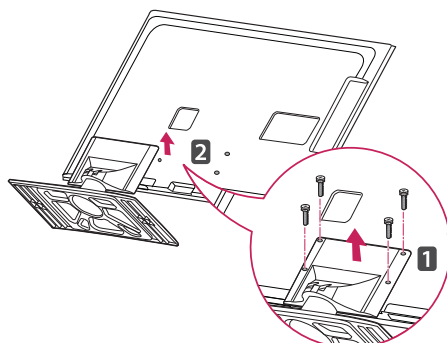
CAUTION

- 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.

Model	Screw for assembly	Number of screws
32LV2500 32LV2520	M4 x 14	4
LV5300 series	M4 x 16	4
LV3400, LV3500, LV3520, LW5000, LW5300, LV355C series	M4 x 12	4



19/22/26LV2500, 26LV2520, LV255C series

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

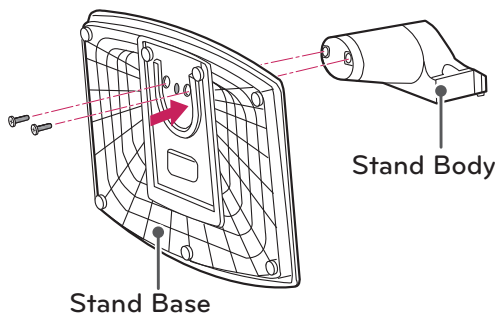


CAUTION

- 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.

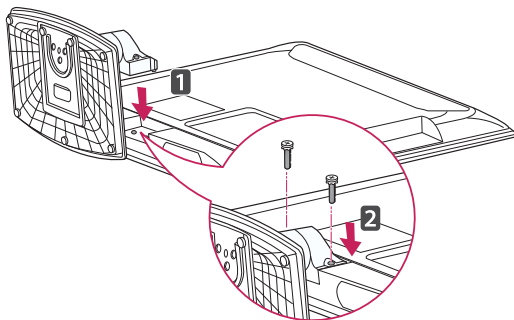
- 2 Assemble the parts of the STAND BODY with the STAND BASE of the TV.

Screw for assembly	Number of screws
M4 x 6	2



- 3 Secure the TV and the stand with the 2 screws.

Screw for assembly	Number of screws
M4 x 16	2



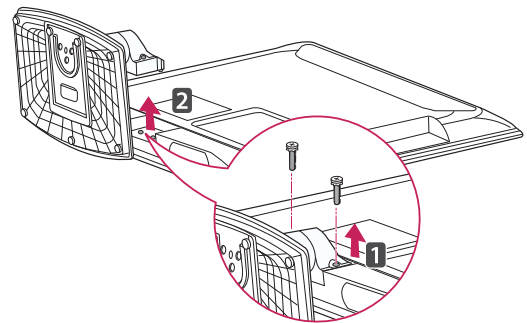
CAUTION

- 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 2 screws and pull the stand away from the TV.

Screw for assembly	Number of screws
M4 x 16	2



LK330, LK430, LK450, LK451C, LK453C,
LK520 series

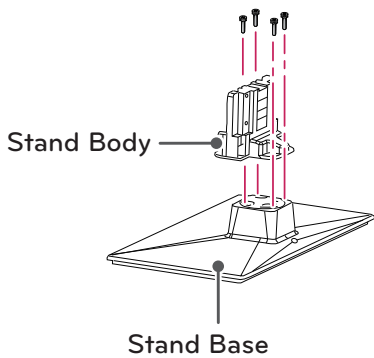
- 1 Lay the TV with the screen side down on a flat surface.

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.

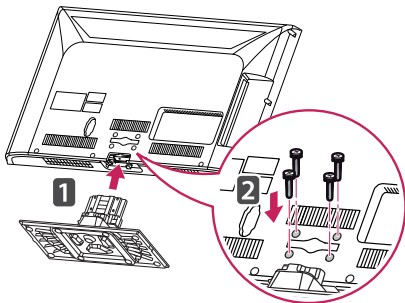
- 2 Assemble the parts of the STAND BODY with the STAND BASE of the TV.

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



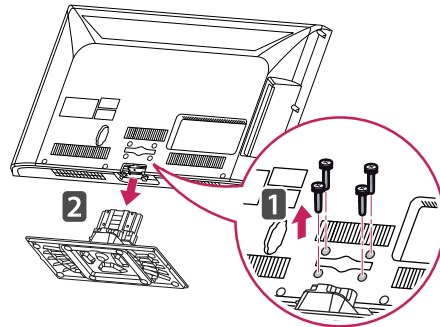
CAUTION

- 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.

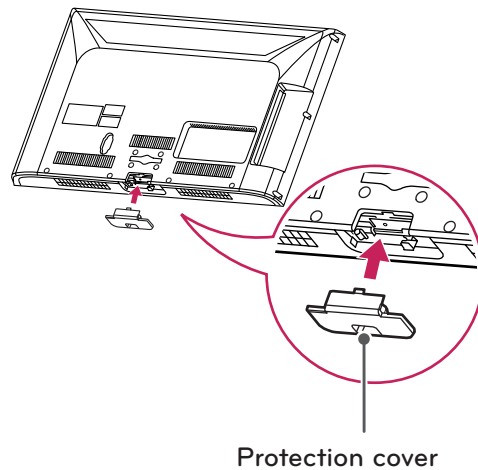
Screw for assembly	Number of screws
M4 x 20	4



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

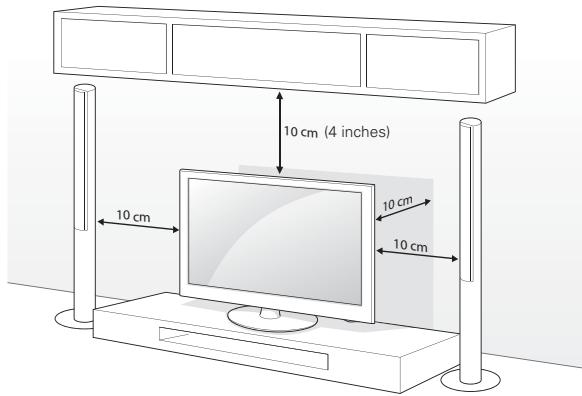
This will protect the opening from accumulating dust and dirt.

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



Mounting on a table

- 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.



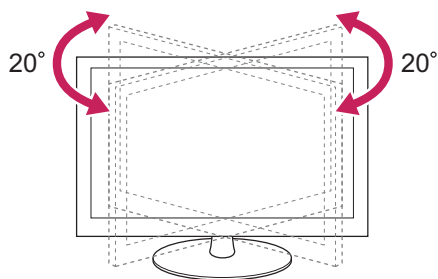
- Connect the power cord to a wall outlet.

CAUTION

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

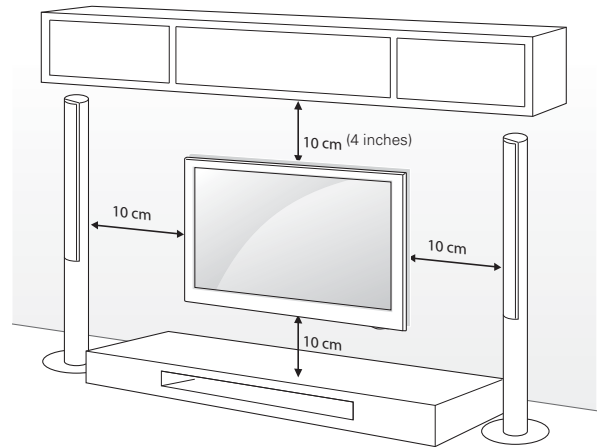
NOTE

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

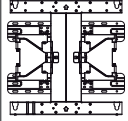
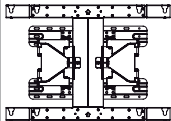


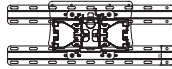
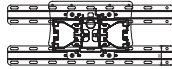
Mounting on a wall

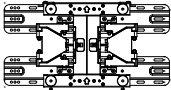
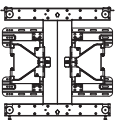
Attach an optional wall mount bracket at the rear of the TV carefully and install the wall mount bracket on a solid wall perpendicular to the floor. When you attach the TV to other building materials, please contact qualified personnel. We recommend that you use an LG brand wall mount when mounting the TV to a wall.



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

Model	42/50PW340 42/50PW350 42/50PW350U 42/50PW350R 50PZ200	60PZ200
VESA	400 x 400	600 x 400
Standard screw	M6	M8
Number of screws	4	4
Wall mount bracket (optional)	PSW400B, PSW400BG, DSW400BG 	PSW600B 

Model	19/22/26LV2500 22/26LV255C 26LV2520 26LK330	32LV2500 32LV2520 32LV3400 32LV3500 32LK330 32LK430 32LK450 32LK453C
VESA	100 x 100	200 x 100
Standard screw	M4	M4
Number of screws	4	4
Wall mount bracket (optional)	LSW100B, LSW100BG 	LSW100B, LSW100BG 

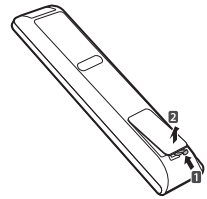
Model	37LV3500 42LK430 37/42/47LK450 42/47LK451C 37/42LK453C 42/47LK520	42/47/55LV3500 55LV5300 42LV3520 55LK520 42/47/55LW5000 47/55LW5300 42/55LV355C
VESA	200 x 200	400 x 400
Standard screw	M6	M6
Number of screws	4	4
Wall mount bracket (optional)	LSW200B, LSW200BG 	LSW400B, LSW400BG, DSW400BG 

REMOTE CONTROL

The descriptions in this manual are based on the buttons on the remote control.

Please read this manual carefully and use the TV correctly.

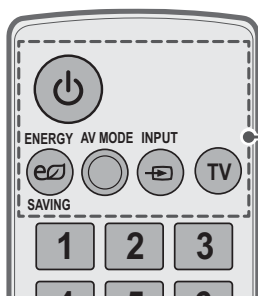
To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching the ⊕ and ⊖ ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse.



CAUTION

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

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



⏻ (POWER)

Turns the TV on or off.

ENERGY SAVING

Adjusts the Energy Saving settings.

AV MODE

Selects an AV mode.

INPUT

Rotates through inputs.
Also switches the TV on from standby.

TV

Returns to the last TV channel.



Number button

Enters numbers.

LIST

Accesses the saved channel list.

- (Dash)

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

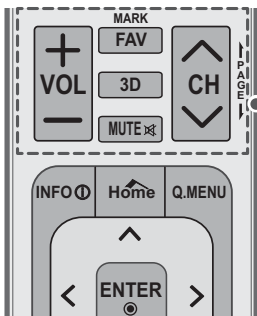
FLASHBK

Alternates between the two last channels selected (pressing repeatedly).

●VIEW

Alternates between the two last channels selected (pressing repeatedly).





VOL
Adjusts the volume level.

MARK
Selects a menu or option.

FAV
Accesses your favorite channel list.

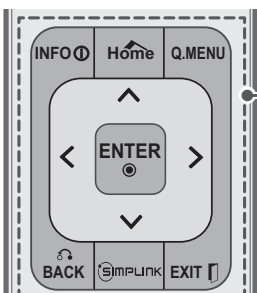
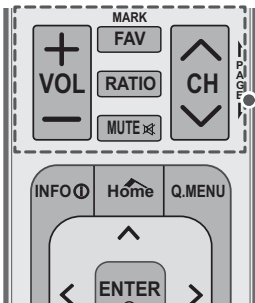
3D (For 3D TV)
Used for viewing 3D video.

RATIO
Resizes an image.

MUTE
Mutes all sounds.

CH
Scrolls through the saved channels.

PAGE
Moves to the previous or next screen.



INFO
Views the information of the current program and screen.

Home
Accesses the main menus, or saves your input and exit the menus.

●. MENU
Accesses the quick menu.

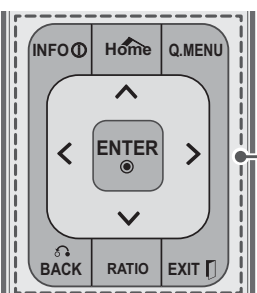
Navigation buttons (up/down/left/right)
Scrolls through menus or options.

BACK
Allows the user to move back one step in an interactive application or other user interaction function.

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

RATIO
Resizes an image.

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




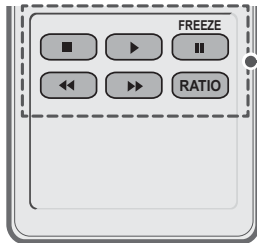


Colored buttons

These access special functions in some menus.




3D SETTING (For 3D TV) ()
Used for viewing 3D video.

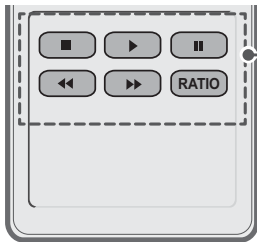


Control buttons

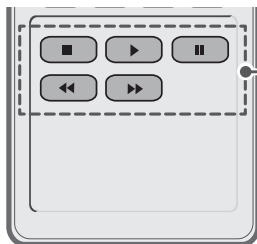
Controls the SIMPLINK compatible devices (USB, SIMPLINK).

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

RATIO
Resizes an image.



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



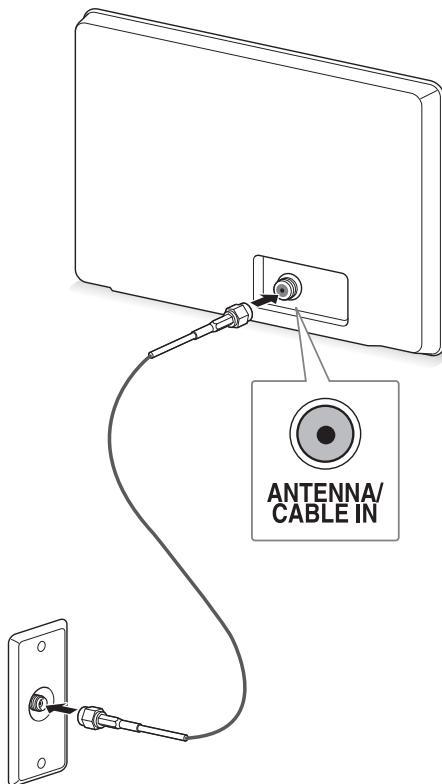
WATCHING TV

Connecting to an antenna or cable

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

Connecting an antenna or basic cable

Connect the TV to a wall antenna socket with an RF cable (75 Ω).

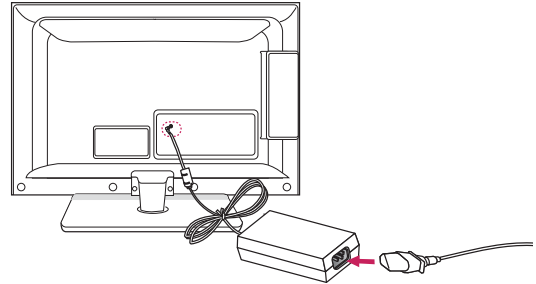


NOTE

- 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 to the AC/DC adapter

(For 19/22/26LV2500, 26LV2520, 22/26LV255C)



- 1 Connect the AC/DC adapter plug to the power input jack on the TV.
- 2 Connect the power cord to the AC/DC adapter first, then plug the power cord into the wall power outlet.

CAUTION

- Please be sure to connect the TV to the AC/DC power adapter before connecting the TV's power plug to a wall power outlet.

Turning the TV on for the first time

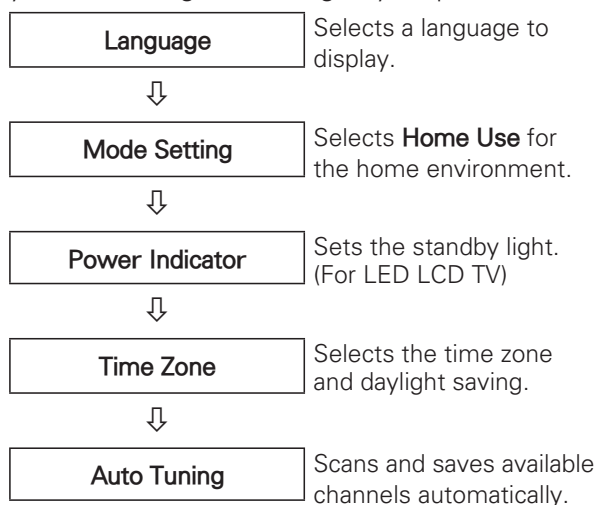
When you turn the TV on for the first time, the Initial setting screen appears. Select a language and customize the basic settings.

- 1 Connect the power cord to a power outlet. The Power indicator turns red and the TV switches to Standby mode.
- 2 In Standby mode, press the power button on the remote control 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 main menu.

- 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**, 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 the power button on the remote control.

Watching TV

- 1 In Standby mode, press the power button on the remote control 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.
LIST¹	Selects a channel on the saved channel list.
0 - 9	Selects a channel by entering numbers.
VOL (+, -)	Adjusts the volume level.
MUTE	Mutes all sounds.
AV MODE²	Selects an AV mode.
●.MENU	Accesses the quick menus.
FLASHBK or ●.VIEW	Alternates between the last two channels selected.
RATIO	Resizes an image.
FREEZE	Freezes the current frame while you are watching TV ().

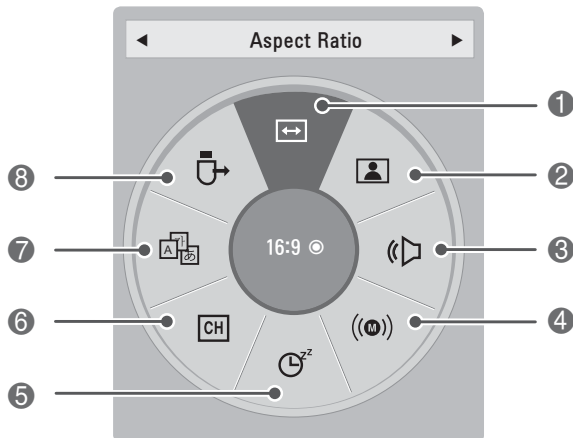
- 1 The Lock icon () appears in front of a channel blocked with parental control.
- 2 Each **AV mode** has the optimized image and sound settings. If you select **Off**, the image and sound settings will be restored to the previously customized settings.

- 4 To turn the TV off, press the power button on the remote control.
The TV switches to Standby mode.

Using the quick menu

Customize frequently used menus.

- 1 Press **MENU** to access the quick menus.
- 2 Press the Navigation buttons to scroll through the following menus.



	Menu	Description
1	Aspect Ratio	Changes the image size.
2	Picture Mode (Depending on model)	Changes the image mode.
3	Sound Mode	Changes the sound mode.
4	Multi Audio	Changes the audio language (Digital signal).
	SAP	Changes the MTS sound (Analog signal).
5	Sleep Timer	Sets the length of time until the TV to turns off.
6	Del/Add	Edits the channels to add or delete the channel.
7	Caption	Activates or deactivate the subtitles.
8	USB Device	Ejects a USB device when a USB device is connected.

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**.

3D IMAGING (FOR 3D TV)

3D Technology

This TV can display in 3D via 3D broadcasting or when the TV is connected to a compatible device, such as a Blu-ray 3D Player. The viewer must wear compatible 3D glasses in order to see these images in 3D format.

When watching 3D imaging



- We recommend that you maintain a distance of at least twice the screen diagonal length when watching 3D videos.
- To watch the TV in 3D, you must put on your 3D glasses. For best results, you should wear LG Brand 3D glasses. The 3D imaging may not display properly when using another brand of 3D glasses. Please see the 3D glasses manual for instructions on how to use the 3D glasses.
- When watching 2D images, it is recommended to take off the 3D glasses. If you watch 2D images with the 3D glasses on, you may see distorted images.



- After powering on the TV, a few seconds may be needed for your TV to calibrate.
- The TV may flicker slightly if the 3D imaging is displayed under 3 wavelength fluorescent light (50 Hz - 60 Hz) or magnetic fluorescent lamp (50Hz - 60 Hz). In such instances, it is recommended to turn the lights off.
- If there is an obstacle between the TV and the 3D glasses, the 3D imaging may not display properly.
- Do not use the TV in close proximity to other electronic equipments and RF equipments.
- The 3D imaging may not display if it is viewed while you are lying down.
- It may take a moment for you to see the 3D imaging if you look away from the TV and then revert your eyes back to the 3D program.
- To watch the TV in 3D, you must put on your 3D glasses. For best results, you should wear LG Brand 3D glasses. The 3D imaging may not display properly when using another brand of 3D glasses. Please see the 3D glasses manual for instructions on how to use the 3D glasses.
- When watching 2D images, it is recommended to take off the 3D glasses. If you watch 2D images with the 3D glasses on, you may see distorted images.

When using 3D Glasses



CAUTION

- 3D glasses are sold separately. Refer to the 3D glasses manual for operating instructions.
- Do not use the 3D glasses to replace your corrective glasses, sunglasses or protective goggles.
- Do not store the 3D glasses in hot or cold locations.
- Do not drop objects onto the 3D glasses. Do not drop or bend the glasses.
- Since the lenses of the 3D glasses are easily scratched, make sure to clean only with a soft cloth. Shake off any dust before using the cloth since the glasses are easily scratched.

3D Imaging Viewing Range

(For Plasma TV)

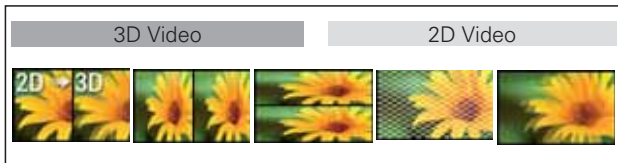
TV size, viewing angle & other circumstances may change the viewing distance and the angle of view.

Viewing Distance	Viewing Angle
2 m - 10 m (6.5 ft - 32.8 ft)	120 ° (When the viewing distance is 2 m (6.5 ft))

Viewing 3D Imaging

View 3D mode for 3D images

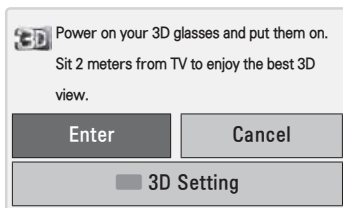
- 1 Play the 3D video or select 3D channel.
(2D to 3D mode is available with all contents.)
- 2 Press 3D and select same type in your displayed picture on the screen.
(Select type on "3D Video" tab.)



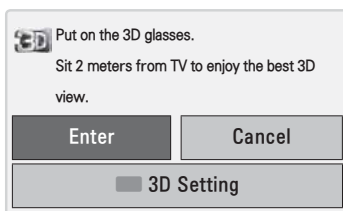
NOTE

- Turn on the 3D mode automatically for HDMI input playing the 3D blue-ray titles.

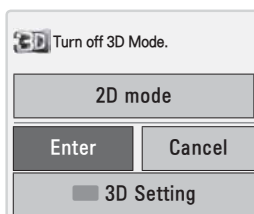
- 3 Press **ENTER** on displayed information window.



or



- 4 To turn off the 3D mode, press 3D and select **ENTER**.

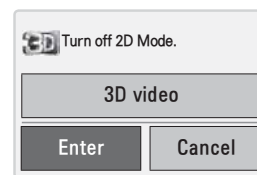


View 2D mode for 3D images

- 1 Play the 3D video or select 3D channel.
- 2 Press 3D and select same type in your displayed picture on the screen.
(Select type on "2D Video" tab.)



- 3 To turn off the 2D mode, press 3D and select **ENTER**.



Using 3D quick menu option

- 1 Press **3D SETTING**.
- 2 Use the following options while viewing 3D imaging.

Button (Depending on model)	Description
3D Picture Size	Cuts off the outer edges of the picture and stretch it to fit the full screen in 3D mode.
3D Depth	Adjusts the distance between the object and the background in the picture to enhance the 3D effect in 2D to 3D mode.
3D Viewpoint	Brings the picture (including both the object and background images) to the front or back to enhance the 3D effect in 3D mode.
3D Picture Balance	Adjusts the color and brightness difference between the right and left sides of the picture in 3D mode.
3D Picture Correction	Changes the order of images in the right and left sides of the picture in 3D mode.

**CAUTION**

- Some menus may not work while watching the TV in 3D.
- The 3D imaging mode is disabled automatically when switching DTV channels.
- The screen may not be displayed properly if you view 2D DTV images in 3D imaging mode.
- 3D effect can be seen when 3D Mode is selected appropriately for the 3D input signal supplied to the TV.
- For *.mpo files (3D camera files), the 3D imaging mode is enabled automatically.
- 3D may not be displayed properly for some PC graphics cards.

**NOTE**









(LCD)

- If you select 3D mode, "Power indicator" is turned off automatically.
- While watching 3D imaging, you cannot adjust video/audio settings using the menu.
- You can only choose "Standard → Cinema → Game" with the **AV MODE** button on the remote control. **AV Mode** is set as **Standard** while playing in 3D.
- If you'd like to play the BGM using *.mpo file(3D camera file), In advance, the contents path for BGM should be set on full-sized photo view screen which isn't *.mpo file(3D camera file).
- Picture mode is set as Standard, Energy Saving Off if entering to 3D mode.

CUSTOMIZING TV SETTINGS

The Main Menus

- 1 Press **Home** to access the main menus.
- 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**.

Menu (Depending on model)		Description
	CHANNEL	Sets up and edit channels.
	PICTURE	Adjusts the image size, quality, or effect.
	AUDIO	Adjusts the sound quality, effect, or volume level.
	TIME	Sets the time, date, or Timer feature.
	LOCK	Locks or unlocks channels and programs.
	OPTION	Customizes the general settings.
	INPUT	Views the input sources with their labels.
	MY MEDIA	Displays and play movie, photo and music content stored on your USB.

MAKING CONNECTIONS

Connect various external devices to the TV and switch input modes to select an external device. For more information of external device's connection, refer to the manual provided with each device.

Available external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices.



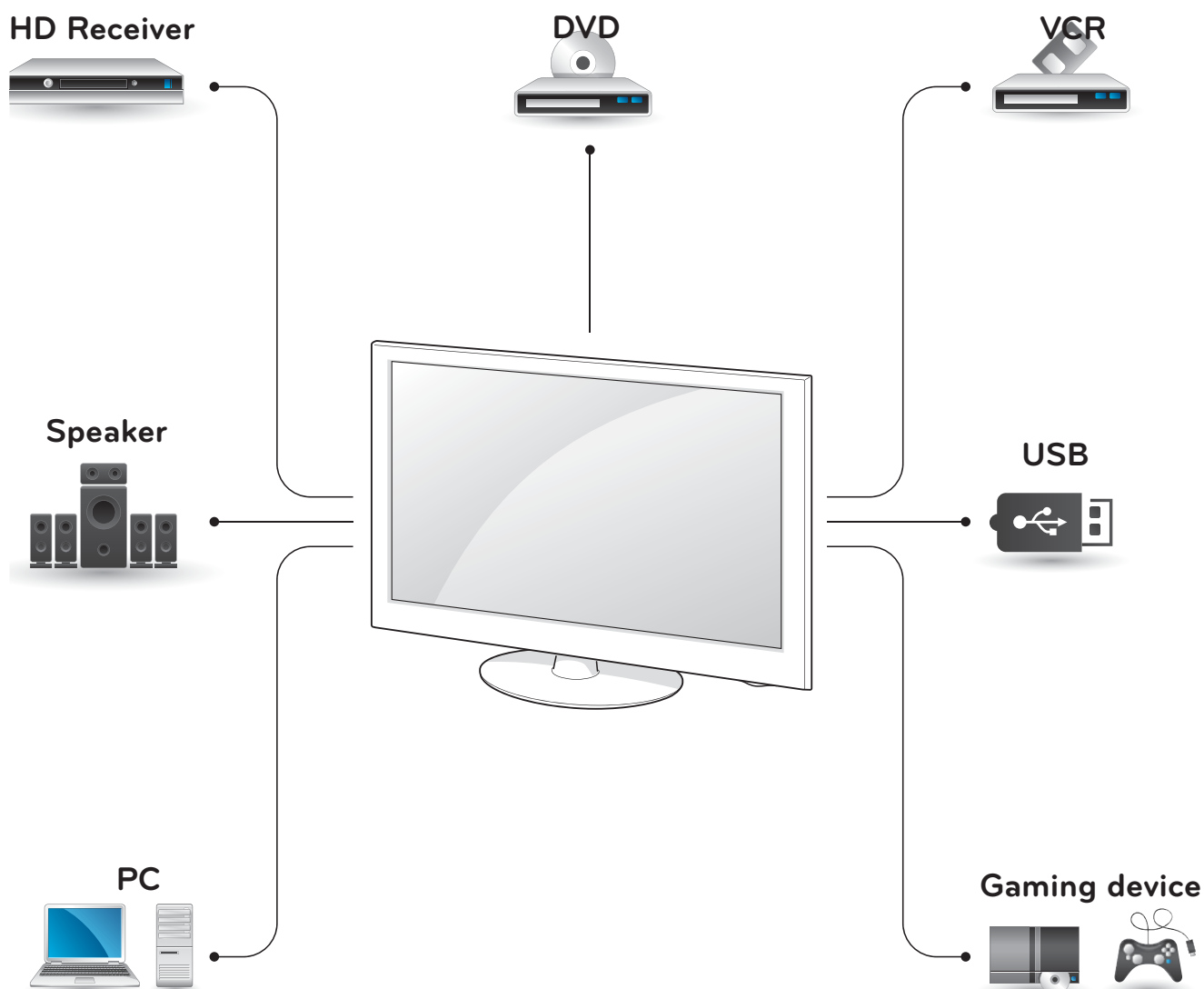
NOTE

- If you record a TV program on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information of recording, refer to the manual provided with the connected device.
- The external device connection may differ from the model.
- Connect external devices to the TV regardless of the order of the TV port.

Connection overview

Connect various external devices to the ports on the TV back panel.

- 1 Find an external device you want to connect to your TV as shown on the following illustration.
- 2 Check the connection type of the external device.
- 3 Go to the appropriate illustration and check the connection details.



NOTE

- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- Refer to the external equipment's manual for operating instructions.

- This part of MAKING CONNECTIONS mainly uses picture for PW350, LV3500 series.

Connecting to a HD receiver, DVD, or VCR player

Connect a HD receiver, DVD, or VCR player to the TV and select an appropriate input mode.

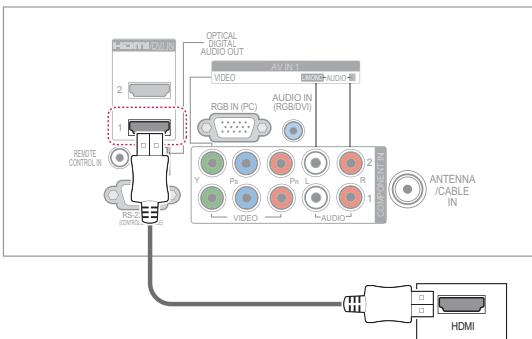
HDMI Connection

Transmits the digital video and audio signals from an external device to the TV. Connect the external device and the TV with the HDMI cable as shown in the following illustration.

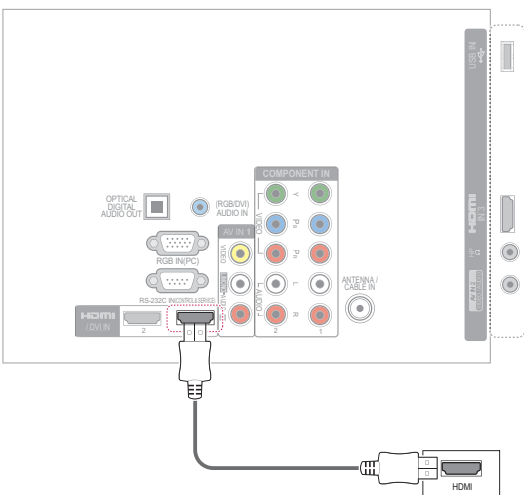
NOTE

- Use the latest High Speed HDMI™ Cable with CEC (Customer Electronics Control) function.
- High Speed HDMI™ Cables are tested to carry an HD signal up to 1080p and higher.

PW350 series



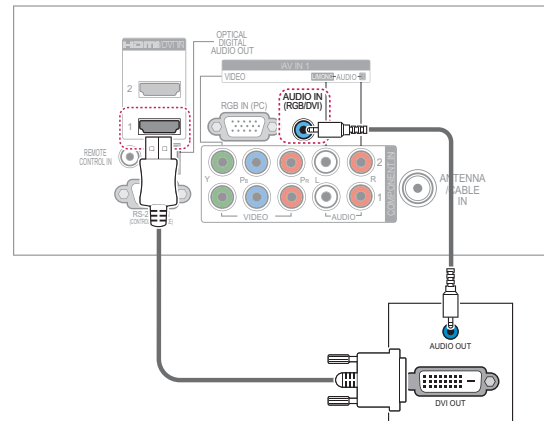
LV3500 series



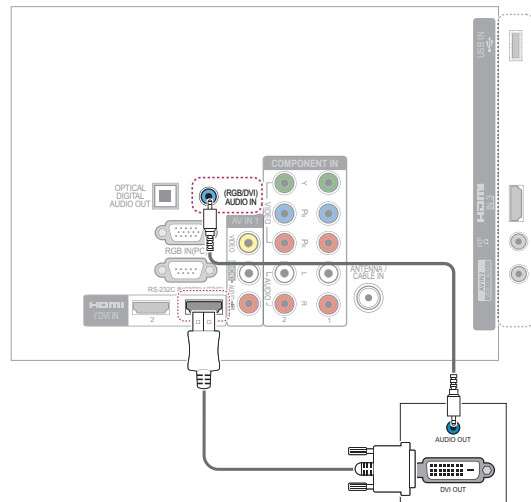
DVI to HDMI Connection

Transmits the digital video signal from an external device to the TV. Connect the external device and the TV with the DVI-HDMI cable as shown in the following illustration. To transmit an audio signal, connect an audio cable.

PW350 series



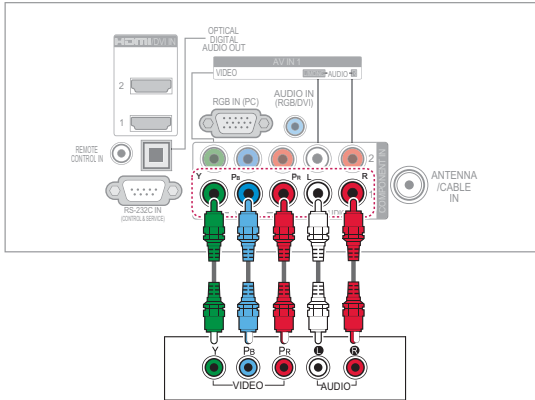
LV3500 series



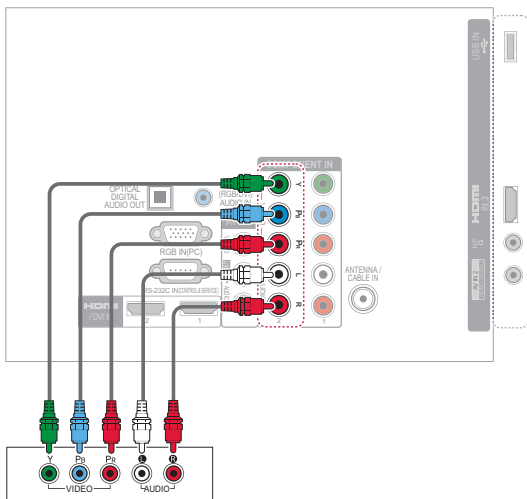
Component Connection

Transmits the analog video and audio signals from an external device to the TV. Connect the external device and the TV with the component cable as shown in the following illustration.

PW350 series



LV3500 series



! NOTE

- If cables are installed incorrectly, it could cause the image to display in black and white or with distorted color. Check to ensure the cable are matched with the corresponding color connection.

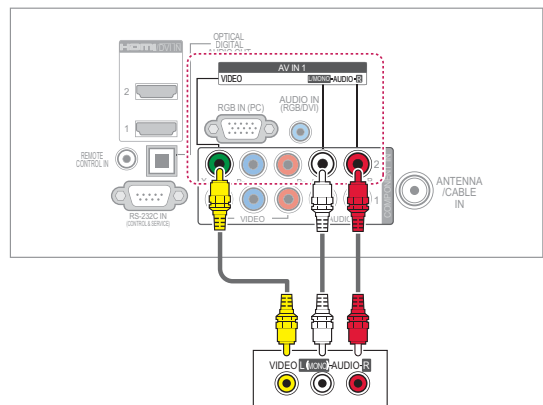
Composite Connection

Transmits the analog video and audio signals from an external device to the TV. Connect the external device and the TV with the composite cable as shown in the following illustration.

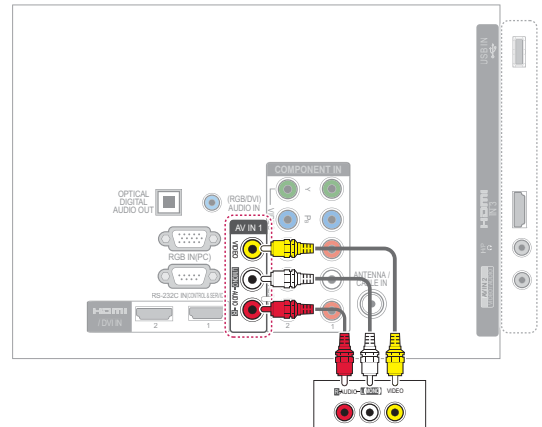
! NOTE

- If you have a mono VCR, connect the audio cable from the VCR to the AUDIO L/MONO jack of the TV.

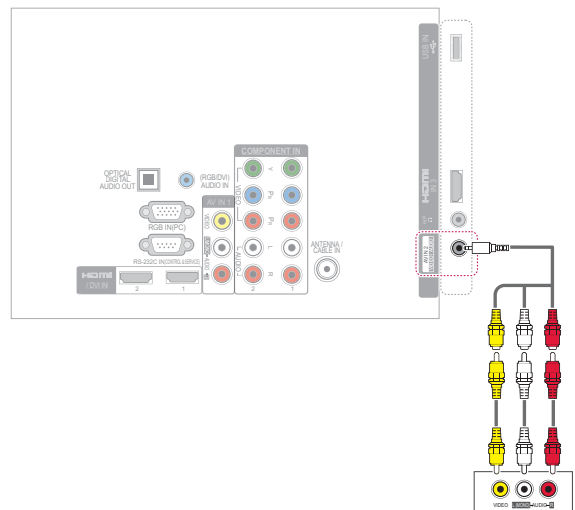
PW350 series



LV3500 series



(For only 32LV2500, 32LV2520, LV3500, LV3520, LV5300, LW5000, LW5300, LV355C series)



Connecting to a PC

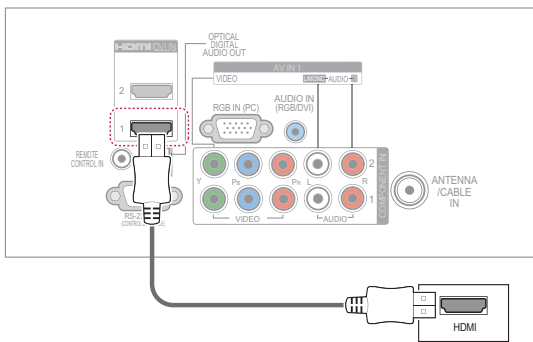
NOTE

- It is recommended to use the TV set with the HDMI connection for the best image quality.

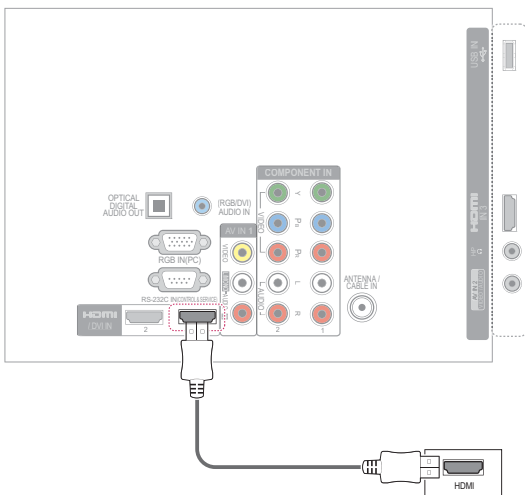
HDMI Connection

Transmits the digital video and audio signals from your PC to the TV. Connect the PC and the TV with the HDMI cable as shown in the following illustration.

PW350 series



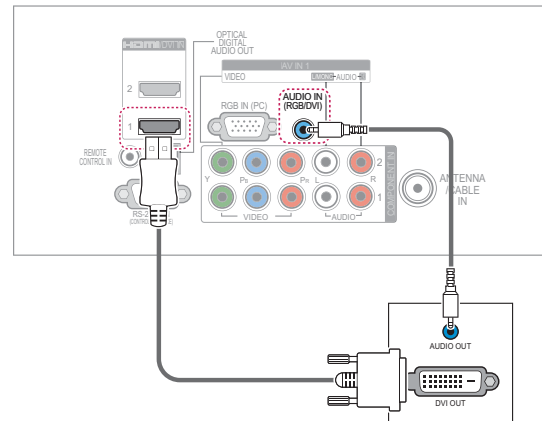
LV3500 series



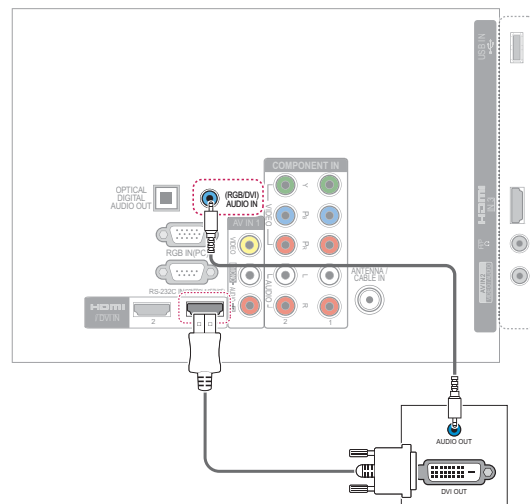
DVI to HDMI Connection

Transmits the digital video signal from your PC to the TV. Connect the PC and the TV with the DVI-HDMI cable as shown in the following illustration. To transmit an audio signal, connect an audio cable.

PW350 series



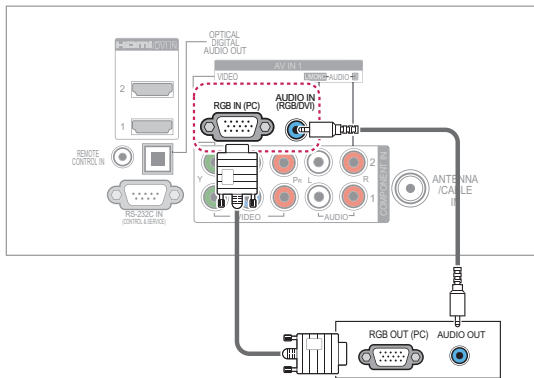
LV3500 series



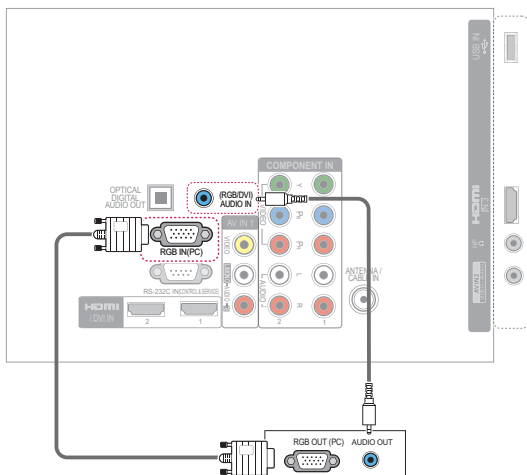
RGB Connection

Transmits the analog video signal from your PC to the TV. Connect the PC and the TV with the D-sub 15 pin signal cable as shown in the following illustrations. To transmit an audio signal, connect an audio cable.

PW350 series



LV3500 series



NOTE

- To get the best picture quality, adjust the PC graphics card to

LCD	Resolution
22LV2500, LV3500, LV3520, LV5300, LW5000, LW5300, LV355C, LK430, LK450, LK451C, LK453C, LK520 series	1920x1080
Other models	1360x768

Plasma	Resolution
PZ200 series	1920x1080
Other models	1024x768

- Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness.
- If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the PICTURE menu until the picture is clear.
- Avoid keeping a fixed image on the screen for a long period of time. The fixed image may become permanently imprinted on the screen.
- The synchronization input form for Horizontal and Vertical frequencies is separate.
- Depending on the graphics card, some resolution settings may not allow the image to be positioned on the screen properly.
- When selecting HDMI-PC, set the "Input Label - PC" in the INPUT menu.

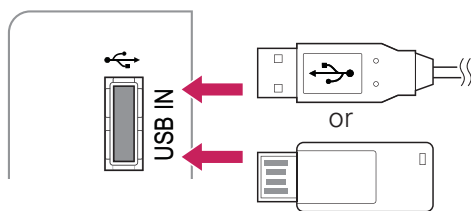
ENTERTAINMENT

(Depending on model)

Connecting USB storage devices

Connect USB storage devices such as a USB flash drive or external hard drive to the TV and use multimedia features.

Connect a USB flash drive or USB memory card reader to the TV as shown in the following illustration.



To disconnect a USB storage device, make sure to end the connection properly to prevent damages to the TV or files.

- 1 Press **●.MENU** to access the quick menus.
- 2 Press the Navigation buttons to scroll to **USB Device** and press **ENTER**.
- 3 Disconnect the USB storage device only when the message says that it is safe to remove.



CAUTION

- Do not turn the TV off or remove a USB storage device while the USB storage device is connected to the TV, as this could result in loss of files or damage to the USB storage device.
- Back up your files saved on a USB storage device frequently, as you may lose or damage the files and this may be not covered by the warranty.

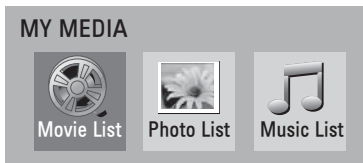
Tips for using USB storage devices

- The TV recognizes only a USB storage device.
- If you connect a USB storage device to the TV through a USB hub, your TV may not recognize the USB storage device.
- The TV may not recognize a USB storage device that requires a special driver.
- The recognition speed of a USB storage device may differ depending on the device.
- Only use a USB storage device which has normal music or image files.
- Use only USB storage devices that are formatted as a FAT 32 or NTFS file system.
- If you format a USB storage device as a NTFS file system, you cannot delete the saved files.
- You may need to connect a USB storage device to an external power supply with a power adapter.
- If the TV does not recognize a connected USB storage device, replace the cable and try again. Do not use an excessively long cable.
- The TV does not support some USB storage devices properly.
- You can use a multi-partition (up to 4) USB storage device.
- You can use up to 4 USB storage devices at a time by using a USB multi-card reader.
- The file alignment method of a USB storage device is similar to the one of Window XP.
- You cannot create or delete a folder saved in a USB storage device directly on the TV.
- The number of characters for a file name is up to 100 English characters.
- If there are too many folders and files in one folder, it may not operate properly.
- The recommended capacity for a USB external hard disk is 1 TB or less and for a USB storage device is 32 GB or less.
- If a USB external hard disk with the Energy Saving feature does not work, turn the USB external hard disk off and on again to make it work properly. For more information, refer to the user manual of the USB external hard disk.
- USB storage devices below USB 2.0 are supported as well. But they may not work properly in the movie list.
- The electrostatic can cause USB device's malfunction. In this case, USB Device has to be plugged again.

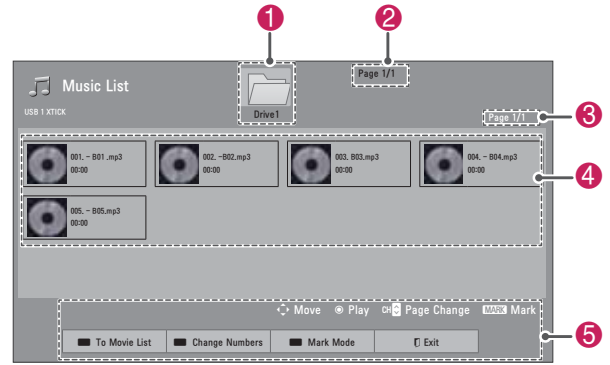
Browsing files

Access the photo, music, or movie lists and browse files.

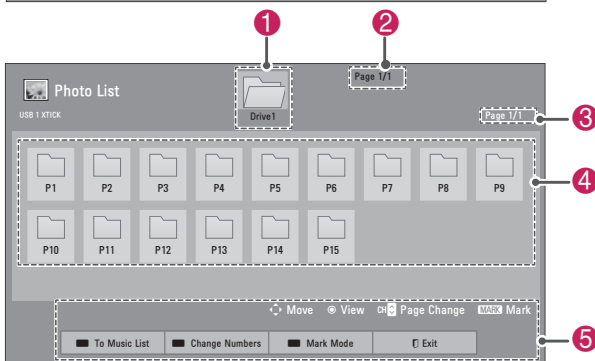
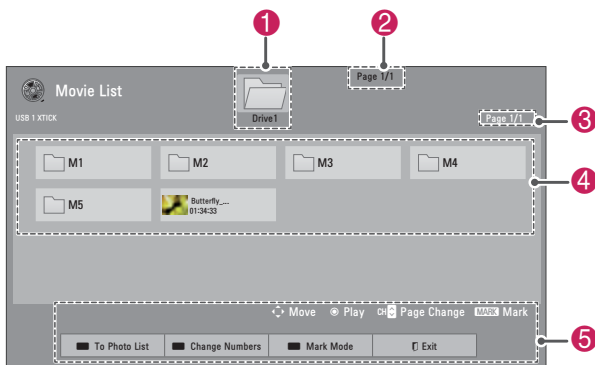
- 1 Connect a USB storage device.
- 2 Press **Home** to access the main menus.
- 3 Press the Navigation buttons to scroll to **MY MEDIA** and press **ENTER**.
- 4 Press Navigation buttons to scroll to **MOVIE LIST**, **PHOTO LIST**, or **MUSIC LIST** and press **ENTER**.



- 5 Select **Drive1** to access the connected USB storage device.
- 6 Press the Navigation buttons to select a folder/file you want.



No.	Description
1	Moves to the upper level folder.
2	Current page number/total number of pages
3	Current page number/total number of pages
4	Contents under the folder focused on 1
5	Available buttons on the remote control
Button	Description
Green button	Moves to Photo List , Music List , or Movie List .
Yellow button	Change Numbers: Changes the number or thumbnails displayed at a time.
Blue button	Allows you to mark certain files.



Tips for using USB storage devices

Type	Supported File Formats
Video	<ul style="list-style-type: none"> • MPG, MPEG, DAT, TS, TRP, TP, VOD, MP4, MOV, MKV, DivX, AVI, Motion JPEG (AVI, MP4, MKV), ASF, WMV, FLV • Resolution: under 1920 pixel (width) x 1080 pixel (height) • Frame Rate: under 30 frame/sec (1920 x 1080), under 60 frame/sec (1280 x 720) • Max bitrate of playable movie file: 20 Mbps (Mega bit per second) • Bit rate of audio format: within 32 kbps to 320 kbps (MP3) • Supported subtitle format: *.smi, *.srt, *.sub (MicroDVD, SubViewer 1.0/2.0), *.ass, *.ssa, *.txt (TMPlayer), *.psb (PowerDivX)

Type	Supported File Formats			
Photo	<ul style="list-style-type: none"> • JPG • Available size Baseline: 64 pixel (W) x 64 pixel (H) - 15360 pixel (W) x 8640 pixel (H) Progressive: 64 pixel (W) x 64 pixel (H) - 1920 pixel (W) x 1440 pixel (H) * Do not use the progressive option when saving JPG files on your PC. • It may take some time to open high-resolution images in full screen. 			
	For 3D TV			
		File Extensions	Item	Profile
	2D	jpeg jpg jpe	Supported file format	<ul style="list-style-type: none"> • SOF0: baseline • SOF1: Extend Sequential • SOF2: Progressive
			Photo size	<ul style="list-style-type: none"> • Min: 64 x 64 • Max - Normal Type: 15360 (W) x 8640 (H) • Progressive Type: 1920 (W) x 1440 (H)
3D	mpo	Supported file format	<ul style="list-style-type: none"> • mpo 	
		Photo size	<ul style="list-style-type: none"> • 4:3 size: 3,648 x 2,736 2,592 x 1,944 2,048 x 1,536 • 3:2 size: 3,648 x 2,432 	
Music	<ul style="list-style-type: none"> • MP3 • Bit rate range 32 Kbps - 320 Kbps • Sampling rate (Sampling Frequency) MPEG1 layer 3: 32 kHz, 44.1 kHz, 48 kHz MPEG2 layer 3: 16 kHz, 22.05 kHz, 24 kHz MPEG2.5 layer 3: 8 kHz, 11.025 kHz, 12 kHz * A copy-protected file will not play. 			

TROUBLESHOOTING

General

Problem	Resolution
Cannot control the TV with the remote control.	<ul style="list-style-type: none"> • Check the remote control sensor on the product and try again. • Check if there is any obstacle between the product and the remote control. • Check if the batteries are still working and properly installed (⊕ to ⊕, ⊖ to ⊖). • Check if the appropriate input mode such as TV or VCR is set for using the remote control.
No image display and no sound is produced.	<ul style="list-style-type: none"> • Check if the product is turned on. • Check if the power cord is connected to a wall outlet. • Check if there is a problem in the wall outlet by connecting other products.
Image appears slowly when the TV turns on.	<ul style="list-style-type: none"> • The image is muted during the product startup process. This is normal. If the image does not appear in a few minutes, unplug the TV for 30 seconds and try again. If the image still does not appear, contact the authorized service center in your local area.
Cannot connect external devices.	<ul style="list-style-type: none"> • Refer to the "Connection Overview" and connect an external device.
The TV turns off suddenly.	<ul style="list-style-type: none"> • Check the power control settings. The power supply may be interrupted. • Check if the Auto sleep feature is activated in the Time settings. Refer to the "Sleep Timer". • If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity.

Audio

Problem	Resolution
No sound is produced while images are displaying.	<ul style="list-style-type: none"> • Press VOL + or - button. • Check if the sound is muted by pressing MUTE. • Scroll to other channels. There may a problem with the broadcast. • Check if the TV Speaker feature is activated in the menu option.
No output from one of the speakers	<ul style="list-style-type: none"> • Adjust Balance in the menu option.
Unusual sound from inside the TV is produced.	<ul style="list-style-type: none"> • A change in ambient humidity or temperature may result in an unusual noise when the product turns on or off. There is no problem with your product.

Video

Problem	Resolution
An image displays in black and white or the color quality is poor.	<ul style="list-style-type: none"> • Adjust the color setting in the menu option. • Keep a sufficient distance between this product and other electronic products. • Scroll to other channels. There may a problem with the broadcast.
Horizontal or vertical bars appears or images blur	<ul style="list-style-type: none"> • Check if there are local interferences such as an electrical appliance or power tool.
Lines or streaks appear on images	<ul style="list-style-type: none"> • Check the antenna or aim the antenna to the proper direction.
Afterimages (ghosts) appear when the product turns off	<ul style="list-style-type: none"> • Pixels may have been damaged from a fixed image displayed for a long time (image burn). Use a screen saver to prevent the pixel damage on the screen.
The power is on but the screen appears extremely dark.	<ul style="list-style-type: none"> • Adjust the brightness and contrast in the menu option.
"No Signal" appears on the screen.	<ul style="list-style-type: none"> • Check if the signal cable is connected between the TV and products properly. • Check the selected input source by pressing INPUT.
Black spots appear on the screen.	<ul style="list-style-type: none"> • Several pixels in red, green, white, or black may appear on the screen that can attribute to the characteristics of the LCD panel. • This is normal.
The display offset is wrong.	<ul style="list-style-type: none"> • Adjust the position setting in the Picture menu. • Check if the video card resolution and frequency are supported by the product. If the frequency is out of range, set to the recommended resolution using the display settings on the external device.
Thin lines appear in the background of the screen.	<ul style="list-style-type: none"> • Check the video cable connections.
Horizontal noises appear or characters blur.	<ul style="list-style-type: none"> • Adjust the Phase setting in the menu option. Refer to the "SCREEN (RGB-PC)".
The reception on some channels is poor	<ul style="list-style-type: none"> • Scroll to other channels. There may a problem with the broadcast. • The station signal may be weak. Aim the antenna to the proper direction. • Check if there is local interferences such as an electrical appliance or power tool.

Movie

Problem	Resolution
The file does not appear on the Movie List.	<ul style="list-style-type: none"> • Check whether the extension is supported.
Message is displayed saying "This file is invalid" or the audio is working normally but the video is not working normally.	<ul style="list-style-type: none"> • Check whether the file is playing normally on a PC. (Check whether the file is damaged.) • Check whether the resolution is supported. • Check whether the video/audio codec is supported. • Check whether the frame rate is supported.
Message is displayed saying "Unsupported Audio" or the video is working normally but the audio is not working normally.	<ul style="list-style-type: none"> • Check whether the file is playing normally on a PC. (Check whether the file is damaged.) • Check whether the audio codec is supported. • Check whether the bit rate is supported. • Check whether the sample rate is supported.
Subtitle is not working.	<ul style="list-style-type: none"> • Check whether the file is playing normally on a PC. (Check whether the file is damaged.) • Check whether the video file and subtitle file name are the same. • Check whether the video file and subtitle file are located in the same folder. • Check whether the subtitle file is supported. • Check whether the language is supported. (When you open the subtitle file in Memo Pad, you can check the language of the subtitle file.)

SPECIFICATIONS

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

Television System		NTSC-M, ATSC, 64 & 256 QAM
Program Coverage		VHF 2-13, UHF 14-69, CATV 1-135, DTV 2-69, CADTV 1-135
External Antenna Impedance		75 Ω
Environment condition	Operating Temperature	0 - 40 °C
	Operating Humidity	Less than 80 %
	Storage Temperature	-20 - 60 °C
	Storage Humidity	Less than 85 %

MODELS		42PW340 (42PW340-UB)	50PW340 (50PW340-UB)
		42PW350 (42PW350-UE)	50PW350 (50PW350-UE)
		42PW350U (42PW350U-UC)	50PW350U (50PW350U-UC)
		42PW350R (42PW350R-MA)	50PW350R (50PW350R-MA)
Dimensions (W x H x D)	With stand	991.8 mm x 667.0 mm x 230.5 mm (39.0 inch x 26.2 inch x 9.0 inch)	1176.1 mm x 774.7 mm x 289.8 mm (46.3 inch x 30.5 inch x 11.4 inch)
	Without stand	991.8 mm x 613.8 mm x 52.5 mm (39.0 inch x 24.1 inch x 2.0 inch)	1176.1 mm x 716.5 mm x 52.5 mm (46.3 inch x 28.2 inch x 2.0 inch)
Weight	With stand	21.5 kg (47.3 lbs)	29.6 kg (65.2 lbs)
	Without stand	20.0 kg (44.0 lbs)	27.3 kg (60.1 lbs)
Current Value / Power consumption		2.3 A / 230 W	3.0 A / 300 W
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		50PZ200 (50PZ200-UA)	60PZ200 (60PZ200-UA)
		50PZ200 (50PZ200-UA)	60PZ200 (60PZ200-UA)
Dimensions (W x H x D)	With stand	1171.9 mm x 770.9 mm x 289.8 mm (46.1 inch x 30.3 inch x 11.4 inch)	1390.8 mm x 905.2 mm x 334.7 mm (54.7 inch x 35.6 inch x 13.1 inch)
	Without stand	1171.9 mm x 712.2 mm x 52.5 mm (46.1 inch x 28.0 inch x 2.0 inch)	1390.8 mm x 835.5 mm x 52.5 mm (54.7 inch x 32.8 inch x 2.0 inch)
Weight	With stand	29.8 kg (65.6 lbs)	42.6 kg (93.9 lbs)
	Without stand	27.5 kg (60.6 lbs)	38.5 kg (84.8 lbs)
Current Value / Power consumption		3.5 A / 350 W	5.3 A / 530 W
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		42LW5000 (42LW5000-UC)
Dimensions (W x H x D)	With stand	998.0 mm x 684.0 mm x 256.0 mm (39.2 inch x 26.9 inch x 10.0 inch)
	Without stand	998.0 mm x 615.0 mm x 30.4 mm (39.2 inch x 24.2 inch x 1.1 inch)
Weight	With stand	15.5 kg (34.1 lbs)
	Without stand	13.3 kg (29.3 lbs)
Current Value / Power consumption		1.1 A / 110 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz

MODELS		47LW5000 (47LW5000-UC)	55LW5000 (55LW5000-UC)
		47LW5300 (47LW5300-UC)	55LW5300 (55LW5300-UC)
Dimensions (W x H x D)	With stand	1108.0 mm x 746.0 mm x 256.0 mm (43.6 inch x 29.3 inch x 10.0 inch)	1286.0 mm x 847.0 mm x 338.0 mm (50.6 inch x 33.3 inch x 13.3 inch)
	Without stand	1108.0 mm x 677.0 mm x 30.4 mm (43.6 inch x 26.6 inch x 1.1 inch)	1286.0 mm x 778.0 mm x 30.4 mm (50.6 inch x 30.6 inch x 1.1 inch)
Weight	With stand	20.9 kg (46.0 lbs)	25.5 kg (56.2 lbs)
	Without stand	18.7 kg (41.2 lbs)	21.4 kg (47.1 lbs)
Current Value / Power consumption		1.4 A / 140 W	1.6 A / 160 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz	

MODELS		19LV2500 (19LV2500-UA)	22LV2500 (22LV2500-UA)	26LV2500 (26LV2500-UA)
		19LV2500 (19LV2500-UG)	22LV2500 (22LV2500-UG)	26LV2500 (26LV2500-UG)
			22LV255C (22LV255C-UA)	26LV2520 (26LV2520-UC)
Dimensions (W x H x D)	With stand	455.2 mm x 354.5 mm x 150.7 mm (17.9 inch x 13.9 inch x 5.9 inch)	471.2 mm x 365.9 mm x 155.4 mm (18.5 inch x 14.4 inch x 6.1 inch)	635.6 mm x 475.0 mm x 178.0 mm (25.0 inch x 18.7 inch x 7.0 inch)
	Without stand	455.2 mm x 313.1 mm x 40.9 mm (17.9 inch x 12.3 inch x 1.6 inch)	471.2 mm x 315.5 mm x 40.9 mm (18.5 inch x 12.4 inch x 1.6 inch)	635.6 mm x 413.5 mm x 40.9 mm (25.0 inch x 16.2 inch x 1.6 inch)
Weight	With stand	2.7 kg (5.9 lbs)	3.4 kg (7.4 lbs)	5.4 kg (11.9 lbs)
	Without stand	2.5 kg (5.5 lbs)	3.2 kg (7.0 lbs)	5.0 kg (11.0 lbs)
Current Value / Power consumption		1.4 A / 38 W	1.7 A / 40 W	1.8 A / 50 W
Power requirement		24 V $\overline{=}$, 1.4 A	24 V $\overline{=}$, 1.7 A	24 V $\overline{=}$, 1.8 A
Adapter (DC Power)		In: AC 100 - 240 V ~ 50/60 Hz Out: DC 24 V, 2.5 A		

MODELS		32LV2500 (32LV2500-UA)
		32LV2500 (32LV2500-UG)
		32LV2520 (32LV2520-UC)
		32LV2520 (32LV2520-UJ)
Dimensions (W x H x D)	With stand	777.0 mm x 552.0 mm x 234.0 mm (30.5 inch x 21.7 inch x 9.2 inch)
	Without stand	777.0 mm x 501.0 mm x 35.4 mm (30.5 inch x 19.7 inch x 1.3 inch)
Weight	With stand	11.9 kg (26.2 lbs)
	Without stand	10.7 kg (23.5 lbs)
Current Value / Power consumption		0.7 A / 70 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz

MODELS		32LV3400 (32LV3400-UA)
		32LV3400 (32LV3400-UG)
Dimensions (W x H x D)	With stand	768.0 mm x 555.0 mm x 240.0 mm (30.2 inch x 21.8 inch x 9.4 inch)
	Without stand	768.0 mm x 492.0 mm x 45.0 mm (30.2 inch x 19.3 inch x 1.7 inch)
Weight	With stand	11.0 kg (24.2 lbs)
	Without stand	9.3 kg (20.5 lbs)
Current Value / Power consumption		0.8 A / 80 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz

MODELS		32LV3500 (32LV3500-UA)	37LV3500 (37LV3500-UA)
		32LV3500 (32LV3500-UG)	
		32LV3520 (32LV3520-UC)	37LV3500 (37LV3500-UG)
		32LV3520 (32LV3520-UJ)	
Dimensions (W x H x D)	With stand	764.0 mm x 545.0 mm x 240.0 mm (30.0 inch x 21.4 inch x 9.4 inch)	888.0 mm x 614.0 mm x 240.0 mm (34.9 inch x 24.1 inch x 9.4 inch)
	Without stand	764.0 mm x 484.0 mm x 35.4 mm (30.0 inch x 19.0 inch x 1.3 inch)	888.0 mm x 553.0 mm x 35.4 mm (34.9 inch x 21.7 inch x 1.3 inch)
Weight	With stand	11.4 kg (25.1 lbs)	13.5 kg (29.7 lbs)
	Without stand	9.6 kg (21.1 lbs)	11.7 kg (25.7 lbs)
Current Value / Power consumption		0.8 A / 80 W	1.0 A / 100 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz	

MODELS		42LV3500 (42LV3500-UA)	47LV3500 (47LV3500-UA)
		42LV3500 (42LV3500-UG)	
		42LV3520 (42LV3520-UC)	47LV3500 (47LV3500-UG)
		42LV3520 (42LV3520-UJ)	
		42LV355C (42LV355C-UA)	
Dimensions (W x H x D)	With stand	998.0 mm x 684.0 mm x 256.0 mm (39.2 inch x 26.9 inch x 10.0 inch)	1108.0 mm x 746.0 mm x 256.0 mm (43.6 inch x 29.3 inch x 10.0 inch)
	Without stand	998.0 mm x 615.0 mm x 30.4 mm (39.2 inch x 24.2 inch x 1.1 inch)	1108.0 mm x 677.0 mm x 30.4 mm (43.6 inch x 26.6 inch x 1.1 inch)
Weight	With stand	15.5 kg (34.1 lbs)	20.9 kg (46.0 lbs)
	Without stand	13.3 kg (29.3 lbs)	18.7 kg (41.2 lbs)
Current Value / Power consumption		1.1 A / 110 W	1.4 A / 140 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz	

MODELS		55LV3500 (55LV3500-UA)
		55LV355C (55LV355C-UA)
Dimensions (W x H x D)	With stand	1286.0 mm x 847.0 mm x 338.0 mm (50.6 inch x 33.3 inch x 13.3 inch)
	Without stand	1286.0 mm x 778.0 mm x 30.4 mm (50.6 inch x 30.6 inch x 1.1 inch)
Weight	With stand	25.5 kg (56.2 lbs)
	Without stand	21.4 kg (47.1 lbs)
Current Value / Power consumption		1.6 A / 160 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz

MODELS		55LV5300 (55LV5300-UA)
Dimensions (W x H x D)	With stand	1306.0 mm x 867.0 mm x 328.0 mm (51.4 inch x 34.1 inch x 12.9 inch)
	Without stand	1306.0 mm x 797.0 mm x 30.7 mm (51.4 inch x 31.3 inch x 1.2 inch)
Weight	With stand	34.0 kg (74.9 lbs)
	Without stand	28.8 kg (63.4 lbs)
Current Value / Power consumption		1.6 A / 160 W
Power requirement		USA, Canada, Mexico: AC 120 V ~ 50 / 60 Hz Other Country: AC 100 - 240 V ~ 50 / 60 Hz

MODELS		26LK330 (26LK330-UB)	32LK330 (32LK330-UB)
		26LK330 (26LK330-UH)	32LK330 (32LK330-UH)
Dimensions (W x H x D)	With stand	663.0 mm x 484.0 mm x 206.8 mm (26.1 inch x 19.0 inch x 8.1 inch)	800.0 mm x 565.0 mm x 206.8 mm (31.4 inch x 22.2 inch x 8.1 inch)
	Without stand	663.0 mm x 423.0 mm x 79.9 mm (26.1 inch x 16.6 inch x 3.1 inch)	800.0 mm x 509.0 mm x 73.8 mm (31.4 inch x 20.0 inch x 2.9 inch)
Weight	With stand	7.3 kg (16.0 lbs)	9.2 kg (20.2 lbs)
	Without stand	6.2 kg (13.6 lbs)	8.2 kg (18.0 lbs)
Current Value / Power consumption		1.0 A / 100 W	1.2 A / 120 W
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		32LK430 (32LK430-UA)	42LK430 (42LK430-UA)
		32LK430 (32LK430-UG)	42LK430 (42LK430-UG)
Dimensions (W x H x D)	With stand	799.0 mm x 555.0 mm x 207.0 mm (31.4 inch x 21.8 inch x 8.1 inch)	1023.0 mm x 685.0 mm x 261.0 mm (40.2 inch x 26.9 inch x 10.2 inch)
	Without stand	799.0 mm x 506.0 mm x 73.5 mm (31.4 inch x 19.9 inch x 2.8 inch)	1023.0 mm x 635.0 mm x 76.6 mm (40.2 inch x 25.0 inch x 3.0 inch)
Weight	With stand	9.1 kg (20.0 lbs)	15.1 kg (33.2 lbs)
	Without stand	8.1 kg (17.8 lbs)	13.5 kg (29.7 lbs)
Current Value / Power consumption		1.2 A / 120 W	1.8 A / 180 W
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		32LK450 (32LK450-UB)	37LK450 (37LK450-UB)
		32LK450 (32LK450-UH)	37LK450 (37LK450-UH)
		32LK453C (32LK453C-UB)	37LK453C (37LK453C-UB)
Dimensions (W x H x D)	With stand	795.0 mm x 568.0 mm x 207.0 mm (31.2 inch x 22.3 inch x 8.1 inch)	913.0 mm x 639.0 mm x 265.0 mm (35.9 inch x 25.1 inch x 10.4 inch)
	Without stand	795.0 mm x 504.0 mm x 73.5 mm (31.2 inch x 19.8 inch x 2.8 inch)	913.0 mm x 571.0 mm x 77.4 mm (35.9 inch x 22.4 inch x 3.0 inch)
Weight	With stand	9.6 kg (21.1 lbs)	12.8 kg (28.2 lbs)
	Without stand	8.5 kg (18.7 lbs)	11.1 kg (24.4 lbs)
Current Value / Power consumption		1.2 A / 120 W	1.6 A / 160 W
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		42LK450 (42LK450-UB)	47LK450 (47LK450-UB)
		42LK450 (42LK450-UH)	47LK451C (47LK451C-UB)
		42LK451C (42LK451C-UB)	47LK450 (47LK450-UH)
		42LK453C (42LK453C-UB)	
Dimensions (W x H x D)	With stand	1019.0 mm x 698.0 mm x 265.0 mm (40.1 inch x 27.4 inch x 10.4 inch)	1132.0 mm x 762.0 mm x 265.0 mm (44.5 inch x 30.0 inch x 10.4 inch)
	Without stand	1019.0 mm x 631.0 mm x 76.5 mm (40.1 inch x 24.8 inch x 3.0 inch)	1132.0 mm x 695.0 mm x 76.5 mm (44.5 inch x 27.3 inch x 3.0 inch)
Weight	With stand	15.1 kg (33.2 lbs)	19.0 kg (41.8 lbs)
	Without stand	13.4 kg (29.5 lbs)	17.3 kg (38.1 lbs)
Current Value / Power consumption		1.8 A / 180 W	2.3 A / 230 W
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		42LK520 (42LK520-UA)	47LK520 (47LK520-UA)
Dimensions (W x H x D)	With stand	1024.0 mm x 685.0 mm x 261.0 mm (40.3 inch x 26.9 inch x 10.2 inch)	1137.0 mm x 758.0 x 270.0 mm (44.7 inch x 29.8 inch x 10.6 inch)
	Without stand	1024.0 mm x 621.0 mm x 76.8 mm (40.3 inch x 24.4 inch x 3.0 inch)	1137.0 mm x 685.0 mm x 76.8 mm (44.7 inch x 26.9 inch x 3.0 inch)
Weight	With stand	15.5 kg (34.1 lbs)	20.3 kg (44.7 lbs)
	Without stand	13.9 kg (30.6 lbs)	18.3 kg (40.3 lbs)
Current Value / Power consumption		2.0 A / 200 W	2.5 A / 250 W
Power requirement		AC100 - 240 V ~ 50/60 Hz	

MODELS		55LK520 (55LK520-UA)
Dimensions (W x H x D)	With stand	1329.0 mm x 872.0 mm x 330.0 mm (52.3 inch x 34.3 inch x 12.9 inch)
	Without stand	1329.0 mm x 796.0 mm x 96.5 mm (52.3 inch x 31.3 inch x 3.7 inch)
Weight	With stand	33.0 kg (72.7 lbs)
	Without stand	29.8 kg (65.6 lbs)
Current Value / Power consumption		3.2 A / 320 W
Power requirement		AC100 - 240 V ~ 50/60 Hz

OPEN SOURCE SOFTWARE NOTICE

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

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



The model and serial number of the TV is located on the back and/or one side of the TV. Record it below should you ever need service.

MODEL _____

SERIAL _____

The extended owner's manuals that contain information on the advanced features of this LG TV are located on the CD-ROM provided in an electronic version. To read these files, you will need to use the personal computer (PC) equipped with a CD-ROM drive.

LG Customer Information Center

For inquiries or comments, visit www.lg.com or call;

1-800-243-0000 USA, Consumer User

1-888-865-3026 USA, Commercial User

1-888-542-2623 CANADA

Register your product Online!

www.lg.com

(Except 42/50PW350U, 42/50PW350R, 32/42LK430, 22/26LK330)



This product qualifies for ENERGY STAR in the "factory default (Home Use)" setting.

Changing the factory default settings or enabling other features may increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR.

■■■ Regulatory Information cont.

:: FCC Compliance Statement

This equipment has been tested and found to comply within the limits of 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 on and off), the user is encouraged to try to correct the interference by using one or more of the following measures:

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

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's (or your) authority to operate the equipment. Only peripherals (digital input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this monitor. Operation with non-certified peripherals is likely to result in interference to radio and TV reception. Only shielded signal cables may be used with this System.

NOTICE

The regulations are applied only to the products with the ID LABEL indicating specific requirements.

:: Canadian DOC Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations. Cet appareil numérique de la classe B

respecte toutes les exigences du Règlement sur le matériel brouilleur du Canada.

NOTICE

The regulations are applied only to the products with the ID LABEL indicating specific requirements.

:: CE Conformity Notice (for Europe)

Products with the "CE" Marking comply with the EMC Directive(89/336/EEC) and LOW VOLTAGE Directive (73/23/EEC) issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Norms :

- EN 55022 ; Radio Frequency Interference
- EN 55024 ; Electromagnetic Immunity
- EN 61000-3-2 ; Power Line Harmonics
- EN 61000-3-3 ; Voltage Fluctuations
- EN 60950-1 ; Product Safety

NOTICE

The regulations are applied only to the products with the ID LABEL indicating specific requirements.

:: Low Radiation Compliance (MPR II)

This monitor meets one of the strictest guidelines available today for low radiation emissions, offering the user extra shielding and an antistatic screen coating. These guidelines, set forth by a government agency in Sweden, limit the amount of emission allowed in the Extremely Low Frequency (ELF) and Very Low Frequency (VLF) electromagnetic range.

:: TCO'99 (TCO'99 applied model only)



Congratulations!

You have just purchased a TCO'99 approved and labelled product! Your choice has provided you with a product developed for professional use. Your purchase has also contributed to reducing the burden on the environment and also to the further development of environmentally adapted electronics products.

■■■ Regulatory Information cont.

Why do we have environmentally labelled computers?

In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. With the growing manufacture and usage of electronic equipment throughout the world, there is a recognized concern for the materials and substances used by electronic products with regards to their eventual recycling and disposal. By proper selection of these materials and substances, the impact on the environment can be minimized.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (internal) and natural (external) environments. Electronic equipment in offices is often left running continuously, resulting in unnecessary consumption of large amounts of energy and additional power generation. From the standpoint of carbon dioxide emissions alone, it is vital to save energy.

What does labelling involve?

The product meets the requirements for the TCO'99 scheme which provides for international and environmental labelling of personal computers and/or displays.

The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Svenska Naturskyddsforeningen (The Swedish Society for Nature Conservation) and Statens Energimyndighet (The Swedish National Energy Administration).

Approval requirements cover a wide range of issues: ecology, ergonomics, emission of electrical and magnetical fields, energy consumption and electrical safety.

Ecological criteria impose restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, and other substances. The product must be prepared for recycling and the manufacturing site(s) shall be certified according to ISO14001 or EMAS registered.

Energy requirements include a demand that the system unit and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the system unit shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electrical and magnetical fields as well as work load and

visual ergonomics.

Below you will find a brief summary of the ecological requirements met by this product. The complete ecological criteria document can be found at TCO Development's website <http://www.tcodevelopment.com> or may be ordered from:

TCO Development

SE-114 94 STOCKHOLM, Sweden

Fax: +46 8 782 92 07

Email : development@tco.se

Information regarding TCO'99 approved and labelled products may also be obtained at <http://www.tcodevelopment.com>

Ecological requirements

Flame retardants

Flame retardants may be present in printed wiring board laminates, cables, and housings. Their purpose is to prevent, or at least to delay the spread of fire. Up to 30% by weight of the plastic in a computer casing can consist of flame retardant substances. Many flame retardants contain bromine or chlorine, and these flame retardants are chemically related to PCBs (polychlorinated biphenyls). Both the flame retardants containing bromine or chlorine and the PCBs are suspected of giving rise to health effects, including reproductive damage in fish-eating birds and mammals, due to the bio-accumulative* processes when not disposed of in accordance with strict standards for disposal.

TCO'99 requires that plastic components weighing more than 25 grams shall not contain flame retardants with organically bound bromine or chlorine. Flame retardants are allowed in the printed wiring board laminates due to the lack of commercially available alternatives.

Cadmium**

Cadmium is present in rechargeable batteries and in the colour-generating layers of certain computer displays. TCO'99 requires that batteries, the colour-generating layers of display screens, and the electrical or electronics components shall not contain any cadmium.

Mercury**

Mercury is sometimes found in batteries, relays and switches. TCO'99 requires that batteries shall not contain any mercury. It also demands that mercury is not present in any of the electrical or electronics components associated with the labelled unit. There is however one

■■■ Regulatory Information cont.

exception. Mercury is, for the time being, permitted in the back light system of flat panel monitors as there today is no commercially available alternative. TCO aims on removing this exception when a mercury free alternative is available.

Lead**

Lead can be found in picture tubes, display screens, solders and capacitors. TCO'99 permits the use of lead due to the lack of commercially available alternatives, but in future requirements TCO Development aims at restricting the use of lead.

* Bio-accumulative is defined as substances which accumulate in living organisms.

**Lead, Cadmium and Mercury are heavy metals which are bio-accumulative.

:: **TCO'03** (TCO'03 applied model only)



Congratulations!

The display you have just purchased carries the TCO'03 Displays label.

This means that your display is designed, manufactured and tested according to some of the strictest quality and environmental requirements in the world. This makes for a high performance product, designed with the user in focus that also minimizes the impact on our natural environment. Some of the features of the TCO'03 Display requirements:

Ergonomics

- Good visual ergonomics and image quality in order to improve the working environment for the user and to reduce sight and strain problems. Important parameters are luminance, contrast, resolution, reflectance, colour rendition and image stability.

Energy

- Energy-saving mode after a certain time – beneficial both for the user and the environment
- Electrical safety

Emissions

- Electromagnetic fields

- Noise emissions

Ecology

- The product must be prepared for recycling and the manufacturer must have a certified environmental management system such as EMAS or ISO 14 001
- Restrictions on
 - chlorinated and brominated flame retardants and polymers
 - heavy metals such as cadmium, mercury and lead.

The requirements included in this label have been developed by TCO Development in co-operation with scientists, experts, users as well as manufacturers all over the world. Since the end of the 1980s TCO has been involved in influencing the development of IT equipment in a more user-friendly direction. Our labelling system started with displays in 1992 and is now requested by users and IT-manufacturers all over the world.

For more information, please visit
www.tcodevelopment.com

English

Information for Environmental Preservation

LGE. announced the 'LG Declaration for a Cleaner Environment' in 1994, and this ideal has served as a guiding managerial principle ever since. The Declaration is a foundation that has allowed us to undertake environmentally friendly activities in careful consideration of economic, environmental, and social aspects.

We promote activities for environmental preservation, and we specifically develop our products to embrace the concept of environment-friendly.

We minimize the hazardous materials contained in our products. For example, there is no cadmium to be found in our monitors.

Information for recycling

This monitor may contain parts which could be hazardous to the environment. It is important that this monitor be recycled after use.

LGE. handles all waste monitors through an environmentally acceptable recycling method. There are several take-back and recycling systems currently in

■■■ Regulatory Information cont.

operation worldwide. Many parts will be reused and recycled, while harmful substances and heavy metals are treated by an environmentally friendly method.

If you want to find out more information about our recycling program, please contact your local LG vendor or a corporate representative of LG.

We set our vision and policies on a cleaner world by selecting the issue of the global environment as a task for corporate improvement. Please visit our website for more information about our 'green' policies.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■ ■ ■ Deutsch

Informationen zur Erhaltung der Umwelt

Im Jahr 1994 verkündete LGE die 'LG Declaration for a Cleaner Environment' (LG Erklärung für eine sauberere Umwelt). Seitdem dient dieses Ideal als führendes Prinzip des Unternehmens. Diese Erklärung war die Basis für die Durchführung von

umweltfreundlichen Aktivitäten, wobei wirtschaftliche, umweltbezogene und soziale Aspekte in die Überlegungen mit einbezogen wurden.

Wir fördern Aktivitäten zum Schutz der Umwelt und die Entwicklung unserer Produkte ist darauf ausgerichtet, unserem Konzept bezüglich Umweltfreundlichkeit gerecht zu werden.

Wir sind darauf bedacht, den Anteil der in unseren Produkten enthaltenen schädlichen Materialien zu minimieren. So ist in unseren Monitoren beispielsweise kein Kadmium zu finden.

Informationen zum Thema Recycling

Dieser Monitor enthält Teile, die umweltschädlich sein können. Es ist unbedingt erforderlich, dass der Monitor recycelt wird, nachdem er außer Dienst gestellt wurde.

Bei LGE werden alle ausrangierten Monitore in einem unter umweltbezogenen Aspekten geeigneten Verfahren recycelt. Augenblicklich sind weltweit mehrere Rücknahme- und Recyclingsysteme im Einsatz. Viele Teile werden wieder verwendet und recycelt. Schädliche Substanzen und Schwermetalle werden durch umweltverträgliche Verfahren behandelt.

Falls Sie mehr über unser Recyclingprogramm erfahren möchten, wenden Sie sich bitte an Ihren lokalen LG-Händler oder einen Unternehmensvertreter von LG.

Wir richten unsere Firmenpolitik auf eine sauberere Umwelt hin aus, indem wir umweltspezifische Aspekte als wichtigen Punkt in die Weiterentwicklung unseres Unternehmens einfließen lassen. Zusätzliche Informationen über unsere 'grüne' Firmenpolitik erhalten Sie auf unserer Website.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■ ■ ■ Français

Information sur la protection de l'environnement

LGE a publié sa 'Déclaration en faveur d'un environnement plus propre' en 1994 et celle-ci est restée, depuis lors, un principe directeur de notre entreprise. Cette déclaration a servi de base à notre réflexion et nous a permis de prendre en compte à la fois les aspects économiques et sociaux de nos activités, tout en respectant l'environnement.

Nous encourageons les activités en faveur de la préservation de l'environnement et c'est dans cet esprit que nous développons nos produits : nous réduisons au minimum les matières dangereuses qui entrent dans leur composition et l'on ne trouve pas de cadmium, par exemple, dans nos moniteurs.

Information sur le recyclage

Ce moniteur peut contenir des composants qui présentent un risque pour l'environnement. Il est donc important que celui-ci soit recyclé après usage.

LGE traite les moniteurs en fin de cycle conformément à une méthode de recyclage respectueuse de l'environnement. Nous reprenons nos produits et les recyclons dans plusieurs sites répartis dans le monde entier. De nombreux composants sont réutilisés et recyclés, et les matières dangereuses, ainsi que les métaux lourds, sont traités selon un procédé écologique.

Si vous souhaitez plus de renseignements sur notre programme de recyclage, veuillez contacter votre revendeur LG ou un l'un de nos représentants.

Nous voulons agir pour un monde plus propre et croyons au rôle de notre entreprise dans l'amélioration de l'environnement. Pour plus de renseignements sur notre politique "verte", rendez visite à notre site :

<http://www.lge.com/about/environment/html/Recycling.jsp>

Regulatory Information cont.

Italiano

Informazioni per la tutela dell'ambiente

La LGE. ha annunciato nel 1994 la cosiddetta 'LG Declaration for a Cleaner Environment' (Dichiarazione di LG a favore di un ambiente più pulito), un ideale che da allora funge da principio ispiratore della gestione aziendale. La dichiarazione rappresenta il fondamento che consente di intraprendere attività a favore dell'ambiente tenendo conto degli aspetti economici, ambientali e sociali. Noi della LG, promuoviamo attività a favore della tutela dell'ambiente sviluppando appositamente i nostri prodotti per cogliere il concetto del rispetto dell'ambiente riducendo i materiali dannosi presenti nei nostri prodotti. Ad esempio nei nostri monitor non è presente il cadmio.

Informazioni per il riciclaggio

Il monitor può presentare componenti che potrebbero risultare eventualmente dannosi per l'ambiente. È importante che il monitor sia riciclato al termine del suo utilizzo.

La LGE. gestisce tutti i monitor di rifiuto con un metodo di riciclaggio soddisfacente dal punto di vista ambientale. In tutto il mondo sono attualmente in funzione numerosi sistemi di riciclaggio e recupero. I diversi componenti sono riutilizzati e riciclati, mentre le sostanze dannose e i metalli pesanti vengono trattati con un metodo rispettoso dell'ambiente.

Se si desiderano maggiori informazioni in merito al programma di riciclaggio, è consigliabile rivolgersi al proprio rivenditore LG o ad un rappresentante aziendale della LG.

Noi della LG impostiamo la nostra visione e le nostre politiche a favore di un mondo più pulito ponendo la questione dell'ambiente dal punto di vista globale come una mansione rivolta al miglioramento della nostra azienda. Vi invitiamo a visitare il nostro sito internet per ulteriori informazioni sulla nostra politica "verde".
<http://www.lge.com/about/environment/html/Recycling.jsp>

Espanol

Información para la conservación medioambiental

LGE. presentó la 'Declaración para un entorno más limpio de LG' en 1994 y este ideal ha servido para guiar nuestros principios empresariales desde entonces. La Declaración es la base que nos ha permitido llevar a cabo tareas que

respetan el medio ambiente siempre teniendo en cuenta aspectos sociales, económicos y medioambientales.

Promocionamos actividades orientadas a la conservación del medio ambiente y desarrollamos nuestros productos específicamente para que se ajusten a la filosofía que protege el entorno.

Reducimos al máximo el uso de materiales de riesgo en nuestros productos. Un ejemplo de ello es la ausencia total de cadmio en nuestros monitores.

Información para el reciclaje

Este monitor puede contener piezas que entrañen riesgos medioambientales. Es importante reciclar este monitor después de su utilización.

LGE. trata todos los monitores usados siguiendo un método de reciclaje que no daña al entorno. Contamos con diversos sistemas de recuperación y reciclaje que funcionan a nivel mundial en la actualidad. Es posible reciclar y reutilizar muchas de las piezas, mientras que las sustancias dañinas y los metales pesados se tratan siguiendo un método que no perjudique al medio ambiente. Si desea obtener más información acerca del programa de reciclaje, póngase en contacto con su proveedor local de LG o con un representante empresarial de nuestra marca.

Basamos nuestra visión y nuestras políticas en un mundo más limpio y para ellos optamos por un entorno global como tarea principal de nuestra evolución como empresa. Visite nuestra página Web para obtener más información sobre nuestras políticas ecológicas.

<http://www.lge.com/about/environment/html/Recycling.jsp>

Português

Informações relacionadas à preservação ambiental

A LGE. anunciou a 'LG Declaration for a Cleaner Environment' (Declaração da LG para um ambiente mais limpo) em 1994 e esse ideal tem servido desde então como um princípio administrativo de orientação. A Declaração é a base que nos tem permitido realizar atividades favoráveis ao ambiente com consideração atenta aos aspectos econômicos, ambientais e sociais.

Promovemos atividades de preservação ambiental e desenvolvemos nossos produtos para englobar

■■■ Regulatory Information cont.

especificamente o conceito de favorável ao ambiente.

Reduzimos os materiais perigosos contidos em nossos produtos. Por exemplo, não há cádmio em nossos monitores.

Informações relacionadas à reciclagem

Este monitor pode conter peças que podem representar riscos ao ambiente. É importante que ele seja reciclado após o uso.

A LGE. cuida de todos os monitores descartados através de um método de reciclagem agradável ao ambiente. Há vários sistemas de devolução e reciclagem atualmente em operação no mundo. Muitas peças serão reutilizadas e recicladas e as substâncias nocivas e os metais pesados passarão por tratamento através de um método favorável ao ambiente.

Para obter mais informações sobre nosso programa de reciclagem, entre em contato com seu fornecedor LG local ou com um representante corporativo da LG.

Definimos nossa visão e nossas políticas relacionadas a um mundo mais limpo selecionando a questão do ambiente global como uma tarefa de aprimoramento corporativo. Visite nosso site para obter mais informações sobre nossas políticas de meio ambiente.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■ ■ ■ Nederlands

Informatie met betrekking tot het behoud van het milieu

LGE. publiceerde in 1994 de 'LG Declaration for a Cleaner Environment' (de LG-verklaring met betrekking tot een schoner milieu). Deze verklaring en het ideaal van een schoner milieu fungeren sindsdien als een bestuurlijke leidraad voor onze onderneming. Op basis van deze verklaring ontplooiën wij milieuvriendelijke activiteiten, waarbij er zowel met sociale en economische aspecten, als met milieuaspecten zorgvuldig rekening wordt gehouden.

Wij ondersteunen activiteiten die zijn gericht op het behoud van het milieu en wij houden bij het ontwikkelen onze producten specifiek rekening met de milieuvriendelijkheid van onze producten.

Wij minimaliseren het gebruik van schadelijke stoffen in onze producten. Er wordt bijvoorbeeld geen cadmium verwerkt in onze monitoren.

Informatie met betrekking tot recycling

Deze monitor bevat materialen die schadelijk zouden kunnen zijn voor het milieu. Het is belangrijk dat deze monitor aan het einde van zijn levensduur wordt gerecycled.

LGE. verwerkt alle afvalmonitoren via een milieuvriendelijke recyclingmethode. Hiervoor worden er momenteel wereldwijd verscheidene inname- en recyclingsystemen gehanteerd. Een groot aantal onderdelen wordt opnieuw gebruikt en gerecycled, waarbij schadelijke stoffen en zware metalen volgens een milieuvriendelijke methode worden verwerkt.

Voor meer informatie over ons recyclingprogramma kunt u contact opnemen met uw plaatselijke LG-vertegenwoordiger of een LG-vestiging.

Onze visie en ons beleid met betrekking tot een schonere wereld vloeien voort uit het feit dat wij het milieu hebben aangemerkt als een onderwerp dat speciale aandacht verdient binnen onze onderneming. Bezoek onze website voor meer informatie over ons 'groene' beleid.

<http://www.lge.com/about/environment/html/Recycling.jsp>

■ ■ ■ Russian

Информация по охране окружающей среды

В 1994 году корпорация LGE опубликовала 'Декларацию LG по охране окружающей среды', которая с тех пор служит основным принципом управления. На основе этой декларации мы смогли предпринять действия, обеспечивающие безопасность окружающей среды, уделяя при этом должное внимание экономическим, экологическим и социальным аспектам.

Мы стимулируем деятельность по охране окружающей среды, уделяя особое внимание разработке нашей продукции в соответствии с концепцией экологической безопасности.

Мы сводим к минимуму содержание опасных веществ в нашей продукции. Например, в наших мониторах вы не найдете кадмия.

Информация по утилизации отходов

Этот монитор может содержать компоненты, которые могут нанести ущерб окружающей среде.

■■■ Regulatory Information cont.

Необходимо утилизировать монитор после использования.

Корпорация LGE перерабатывает все бракованные мониторы с помощью экологически приемлемого метода утилизации отходов. По всему миру действуют системы утилизации отходов и возврата использованной продукции. Многие компоненты будут вторично использованы и утилизированы, в то время как вредные вещества и тяжелые металлы будут обработаны с помощью экологически приемлемого метода.

За более подробной информацией по нашей программе утилизации отходов обращайтесь к местному поставщику или представителю корпорации LG.

Мы ориентируемся на обеспечение экологической безопасности, ставя себе целью глобальную защиту окружающей среды. Дополнительную информацию о нашей политике по охране окружающей среды вы можете найти на нашем сайте:
<http://www.lge.com/about/environment/html/Recycling.jsp>

한국어

환경 보존 정보

LG 전자는 1994년 'LG 환경 선언문'을 발표한 후 현재까지 이를 기업 경영의 이념으로 삼아왔습니다. 이 선언문을 바탕으로 LG 전자는 모든 경영 활동에서 경제성뿐만 아니라 환경성 및 사회성을 주요 의사 결정의 기준으로 삼음으로써 지속적으로 환경 친화적인 경영을 전개하고 있습니다.

본사는 보다 활발한 환경 보존 활동과 더불어 환경 친화적 제품 개발에 주력해 왔습니다.

또한 제품에 포함되는 환경 위해 요소를 최소화하는 데에도 노력을 기울이지 않고 있습니다. LG 전자 모니터의 경우 카드뮴을 전혀 사용하지 않는 것에서도 이러한 노력을 알 수 있습니다.

재활용 정보

본 모니터에는 환경에 위해를 주는 부품이 포함되어 있을 수도 있습니다. 따라서 사용이 끝난 모니터는 재활용하는 것이 좋습니다.

폐모니터는 모두 환경 친화적 방식으로 처리됩니다. 현재 세계적으로 운영되고 있는 회수 및 재활용 시스템에는

여러 가지가 있습니다. 대부분의 부품의 경우 재사용 또는 재활용되지만 환경 위해 물질과 중금속은 환경 친화적 방법으로 처리됩니다.

본사의 재활용 프로그램에 대한 자세한 정보는 각 지역의 LG 공급업체나 LG 기업 대표부에 문의하시기 바랍니다.

LG 전자는 기업 개선 정책의 하나로 지구 환경 문제를 채택함으로써 보다 나은 환경을 만들어 나가기 위한 비전과 정책을 수립했습니다. 본사의 친환경 정책에 대한 자세한 정보를 보시려면 아래의 웹 사이트를 방문하십시오.

http://www.lge.co.kr/cckr/about/environ/purity_02.jsp

∴EPA (EPA applied model only)

ENERGY STAR is a set of power-saving guidelines issued by the U.S. Environmental Protection Agency(EPA).



As an ENERGY STAR Partner LGE U. S. A.,Inc. has determined that this product meets the ENERGY STAR guidelines for energy efficiency.

∴NOM MARK (Mexico only)



■■■ Regulatory Information cont.

:: WEEE (for Europe)



English

Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

French

Élimination de votre ancien appareil

1. Ce symbole, représentant une poubelle sur roulettes barrée d'une croix, signifie que le produit est couvert par la directive européenne 2002/96/EC.
2. Les éléments électriques et électroniques doivent être jetés séparément, dans les vide-ordures prévus à cet effet par votre municipalité.
3. Une élimination conforme aux instructions aidera à réduire les conséquences négatives et risques éventuels pour l'environnement et la santé humaine.
4. Pour plus d'information concernant l'élimination de votre ancien appareil, veuillez contacter votre mairie, le service des ordures ménagères ou encore la magasin où vous avez acheté ce produit.

Italian

Smaltimento delle apparecchiature obsolete

1. Quando su un prodotto è riportato il simbolo di

un bidone della spazzatura barrato da una croce significa che il prodotto è coperto dalla direttiva europea 2002/96/EC.

2. Tutti i prodotti elettrici ed elettronici dovrebbero essere smaltiti separatamente rispetto alla raccolta differenziata municipale, mediante impianti di raccolta specifici designati dal governo o dalle autorità locali.
3. Il corretto smaltimento delle apparecchiature obsolete contribuisce a prevenire possibili conseguenze negative sulla salute umana e sull'ambiente.
4. Per informazioni più dettagliate sullo smaltimento delle apparecchiature obsolete, contattare il comune, il servizio di smaltimento rifiuti o il negozio in cui è stato acquistato il prodotto.

Swedish

Kassering av din gamla apparat

1. När den här symbolen med en överkryssad soptunna på hjul sitter på en produkt innebär det att den regleras av European Directive 2002/96/EC.
2. Alla elektriska och elektroniska produkter bör kasseras via andra vägar än de som finns för hushållsavfall, helst via för ändamålet avsedda uppsamlingsanläggningar som myndigheterna utser.
3. Om du kasserar din gamla apparat på rätt sätt så bidrar du till att förhindra negativa konsekvenser för miljön och människors hälsa.
4. Mer detaljerad information om kassering av din gamla apparat kan fås av kommunen, renhållningsverket eller den butik där du köpte produkten.

Dutch

Uw oude toestel wegdoen

1. Als het symbool met de doorgekruiste verrijdbare afvalbak op een product staat, betekent dit dat het product valt onder de Europese Richtlijn 2002/96/EC.
2. Elektrische en elektronische producten mogen niet worden meegegeven met het huishoudelijk afval, maar moeten worden ingeleverd bij speciale inzamelingspunten die door de lokale of landelijke overheid zijn aangewezen.
3. De correcte verwijdering van uw oude toestel helpt negatieve gevolgen voor het milieu en de menselijke gezondheid voorkomen.

Regulatory Information cont.

4. Wilt u meer informatie over de verwijdering van uw oude toestel? Neem dan contact op met uw gemeente, de afvalophaaldienst of de winkel waar u het product hebt gekocht.

Finnish

Vanhonjen laitteiden hävittäminen

1. Tämä merkki tuotteessa tarkoittaa, että tuote kuuluu sähkö- ja elektroniikkalaiteromusta annetun EU-direktiivin 2002/96/EY soveltamisalaan.
2. Kaikki elektroniset laitteet ovat ongelmajätettä, joten ne on toimitettava paikalliseen keräyspisteeseen.
3. Vanhan laitteen asianmukainen hävittäminen ehkäisee mahdollisia ympäristöön ja terveyteen kohdistuvia haittavaikutuksia.
4. Lisätietoa vanhan laitteen hävittämisestä saat ottamalla yhteyden paikallisiin viranomaisiin, kierrätyskeskukseen tai myymälään, josta ostit laitteen.

German

Entsorgung von Altgeräten

1. Wenn dieses Symbol eines durchgestrichenen Abfalleimers auf einem Produkt angebracht ist, unterliegt dieses Produkt der europäischen Richtlinie 2002/96/EC.
2. Alle Elektro- und Elektronik-Altgeräte müssen getrennt vom Hausmüll über dafür staatlich vorgesehenen Stellen entsorgt werden.
3. Mit der ordnungsgemäßen Entsorgung des alten Geräts vermeiden Sie Umweltschäden und eine Gefährdung der persönlichen Gesundheit.
4. Weitere Informationen zur Entsorgung des alten Geräts erhalten Sie bei der Stadtverwaltung, beim Entsorgungsamt oder in dem Geschäft, wo Sie das Produkt erworben haben.

Danish

Sådan smider du dit gamle apparat ud

1. Når der er et tegn med et kryds over en skraldespand, betyder det, at produktet er omfattet af EU-direktiv 2002/96/EC.
2. Alle elektriske og elektroniske produkter skal smides ud et andet sted end gennem den kommunale affaldsordning ved hjælp af specielle indsamlingsfaciliteter, der er organiseret af staten

eller de lokale myndigheder.

3. Korrekt bortskaffelse af dit gamle apparat er med til at forhindre mulige skadevirkninger på miljøet og menneskelig sundhed.
4. Mere detaljerede oplysninger om bortskaffelse af dit gamle apparat kan fås ved at kontakte dit lokale kommunekontor, renovationselskab eller den butik, hvor du købte produktet.

Greek

Απόρριψη της παλιάς σας συσκευής

1. Όταν ένα προϊόν διαθέτει το σύμβολο ενός διαγραμμένου κάλαθου απορριμμάτων, τότε το προϊόν καλύπτεται από την Ευρωπαϊκή Οδηγία 2002/96/ΕΟΚ.
2. Η απόρριψη όλων των ηλεκτρικών και ηλεκτρονικών προϊόντων πρέπει να γίνεται χωριστά από τα γενικά οικιακά απορρίμματα μέσω καθορισμένων εγκαταστάσεων συλλογής απορριμμάτων, οι οποίες έχουν δημιουργηθεί είτε από την κυβέρνηση ή από τις τοπικές αρχές.
3. Η σωστή απόρριψη της παλιάς σας συσκευής θα βοηθήσει στην αποτροπή πιθανών αρνητικών συνπειών ως προς το περιβάλλον και την υγεία του ανθρώπου.
4. Για πιο λεπτομερείς πληροφορίες σχετικά με την απόρριψη της παλιάς σας συσκευής, επικοινωνήστε με το αρμόδιο τοπικό γραφείο, υπηρεσία διάθεσης οικιακών απορριμμάτων ή το μαγαζί από το οποίο αγοράσατε το προϊόν.

Spanish

Cómo deshacerse de aparatos eléctricos y electrónicos viejos

1. Si en un producto aparece el símbolo de un contenedor de basura tachado, significa que éste se acoge a la Directiva 2002/96/CE.
2. Todos los aparatos eléctricos o electrónicos se deben desechar de forma distinta del servicio municipal de recogida de basura, a través de puntos de recogida designados por el gobierno o las autoridades locales.
3. La correcta recogida y tratamiento de los dispositivos inservibles contribuye a evitar riesgos potenciales para el medio ambiente y la salud pública.
4. Para obtener más información sobre cómo deshacerse de sus aparatos eléctricos y electrónicos viejos, póngase en contacto con su ayuntamiento, el servicio de recogida de basuras o el establecimiento donde adquirió el producto.

Regulatory Information cont.

Portuguese

Eliminação do seu antigo aparelho

1. Quando este símbolo de latão cruzado estiver afixado a um produto, significa que o produto é abrangido pela Directiva Europeia 2002/96/EC.
2. Todos os produtos eléctricos e electrónicos devem ser eliminados separadamente do lixo doméstico através de pontos de recolha designados, facilitados pelo governo ou autoridades locais.
3. A eliminação correcta do seu aparelho antigo ajuda a evitar potenciais consequências negativas para o ambiente e para a saúde humana.
4. Para obter informações mais detalhadas acerca da eliminação do seu aparelho antigo, contacte as autoridades locais, um serviço de eliminação de resíduos ou a loja onde comprou o produto.

Slovak

Likvidácia váš ho starého prístroja

1. Keď sa na produkte nachádza tento symbol prečiarknutej smetnej nádoby s kolieskami, znamená to, že daný produkt vyhovuje európskej Smernici č. 2002/96/EC.
2. Všetky elektrické a elektronické produkty by mali byť zlikvidované oddelene od komunálneho odpadu prostredníctvom na to určených zberných zariadení, ktoré boli ustanovené vládou alebo orgánmi miestnej správy.
3. Správnu likvidáciu starých zariadení pomôžete predchádzať potenciálnym negatívnym následkom pre prostredie a ľudské zdravie.
4. Podrobnejšie informácie o likvidácii starých zariadení nájdete na miestnom úrade, v službe na likvidáciu odpadu alebo u predajcu, kde ste tento produkt zakúpili.

Czech

Likvidace starých spotřebičů

1. Pokud je u výrobku uveden symbol pojízdného kontejneru v přeškrtnutém poli, znamená to, že na výrobek se vztahuje směrnice Evropské unie číslo 2002/96/EC.
2. Všechny elektrické a elektronické výrobky by měly být likvidovány odděleně od běžného komunálního odpadu prostřednictvím sběrných zařízení zřízených za tímto účelem vládou nebo místní samosprávou.
3. Správný způsob likvidace starého elektrického spotřebiče pomáhá zamezit možným negativním dopadům na životní prostředí a zdraví.
4. Bližší informace o likvidaci starého spotřebiče získáte u místní samosprávy, ve sběrném zařízení nebo v obchodě, ve kterém jste výrobek zakoupili.

Croatian

Uklanjanje starog aparata

1. Ako se na proizvodu nalazi simbol prekrizene kante za smeće, to znači da je proizvod pokriven europskom direk-

tivom 2002/96/EC.

2. Električni i elektronski proizvodi ne smiju se odlagati zajedno s komunalnim otpadom, već u posebna odlagališta koja je odredila vlada ili lokalne vlasti.
3. Pravilno odlaganje starog proizvoda sprečiti će potencijalne negativne posljedice po okoliš i zdravlje ljudi.
4. Podrobnije informacije o odlaganju starog proizvoda potražite u gradskom uredu, službi za odlaganje otpada ili u trgovini u kojoj ste kupili proizvod.

Hungarian

Régi eszközök ártalmatlanítása

1. A termékhez csatolt áthúzott, keresek szeméttároló jel jelöli, hogy a termék a 2002/96/EC EU-direktíva hatálya alá esik.
2. Minden elektromos és elektronikai terméket a lakossági hulladéktól elkülönítve kell begyűjteni, a kormány vagy az önkormányzatok által kijelölt begyűjtő eszközök használatával.
3. Régi eszközeinek megfelelő ártalmatlanítása segíthet megelőzni az esetleges egészségre vagy környezetre ártalmas hatásokat.
4. Ha több információra van szüksége régi eszközeinek ártalmatlanításával kapcsolatban, tanulmányozza a vonatkozó környezetvédelmi szabályokat, vagy lépjen kapcsolatba az üzlettel, ahol a terméket vásárolta.

Polish

Utylizacja starych urządzeń

1. Kiedy do produktu dołączony jest niniejszy przekreślony symbol kołowego pojemnika na śmieci, oznacza to, że produkt jest objęty dyrektywą 2002/96/EC.
2. Wszystkie elektryczne i elektroniczne produkty powinny być utylizowane niezależnie od odpadów miejskich, z wykorzystaniem przeznaczonych do tego miejsc składowania wskazanych przez rząd lub miejscowe władze.
3. Właściwy sposób utylizacji starego urządzenia pomoże zapobiec potencjalnie negatywnemu wpływowi na zdrowie i środowisko.
4. Aby uzyskać więcej informacji o sposobach utylizacji starych urządzeń, należy skontaktować się z władzami lokalnymi, przedsiębiorstwem zajmującym się utylizacją odpadów lub sklepem, w którym produkt został kupiony.

■ ■ ■ Regulatory Information cont.

■ ■ Estonian

Kasutuskõlbmatu seadme käitlemise kord

1. Kui seade on märgistatud selle elektri- ja elektroonikaseadmete lahuskogumist märgistava tähisega (ratastega prügikonteineri kujutis, millele on rist peale tõmmatud), tuleb toodet käidelda vastavalt Eurodirektiivile 2002/96/EÜ.
2. Elektri- ja elektroonikaseadmeid ei tohi visata tavalise prügi hulka. Nad kuuluvad lahuskogumisele selleks määratud kogumispunktides.
3. Kasutuskõlbmatu tervikseadme käitlemine tavaprügist lahus on korraldatud selleks, et vältida negatiivseid tagajärgi, mida põhjustaksid seadme osade purunemisel vabaneda võivad ohtlikud jäätmed loodusele või inimorganismile.
4. Täpsemat informatsiooni selle kohta, kuhu ja millal saab ära anda oma kasutamiskõlbmatu elektri- ja elektroonikaseadme, küsige kohalikult omavalitsuselt, prügifirmalt või kaupluselt, kust seadme ostsite.

■ ■ Latvian

Vecās elektroierīces nodošana

1. Ja uz produkta ir simbols ar pārsvītrotu atkritumu tvertni, tas nozīmē, ka produkts ir iekļauts Eiropas direktīvā 2002/96/EC.
2. Visi elektriskie un elektroniskie produkti ir jāutilizē, nododot pašvaldības īpaši noteiktās pieņemšanas vietās. Tos nedrīkst izmest parastās municipalitātes atkritumu urnās.
3. Ievērojot prasības veco elektroierīču utilizēšanā, jūs pasargāsi apkārtējo vidi un cilvēku veselību no iespējami nelabvēlīgajām sekām, kādas varētu rasties, ierīcēm sadaloties nepiemērotā vietā.
4. Lai gūtu plašāku informāciju par veco ierīču utilizēšanas iespējām, sazinieties ar pilsētas pašvaldību, atkritumu savākšanas saimniecību vai veikalu, kurā ierīci iegādājāties.

■ ■ Lithuanian

Senos įrangos atliekų tvarkymas

1. Užbrauktas konteinerio simbolis priverčia ant prekės reiškia, kad įrangą saugo Europos direktyva 2002/96/EC.
2. Visos elektros ir elektroninės įrangos atliekos turi būti renkamos atskirai ir neišmetamos į atliekų konteinerį kartu su kitomis komunalinėmis atliekomis, taikant specialią atliekų surinkimo sistemą, patvirtintą vyriausybės ar vietos valdžios.
3. Teisingas senos įrangos atliekų tvarkymas, padės išvengti neigiamų pasekmių aplinkai ir žmonių sveikatai.
4. Dėl išsamesnės informacijos apie senos įrangos tvarkymą, prašome kreiptis į miesto valdžią, atliekų perdirbimo tarnybą arba parduotuvę, kurioje pirkote įrangą.