



# OWNER'S MANUAL

## LED TV\*

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

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

32LB520B

60LB5200  
65LB5200

0773-CE360000-L202  
[www.lg.com](http://www.lg.com)

## IMPORTANT SAFETY INSTRUCTIONS


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


ENGLISH



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

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

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

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

### WARNING/CAUTION

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

### WARNING

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

### CAUTION

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

### NOTE

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

**WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.*

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



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



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



- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



- Do not press strongly upon the panel with a hand or a sharp object such as a nail, pencil or pen, or make a scratch on it.



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

- **CAUTION** concerning the Power Cord (Can differ by country):

It is recommended that appliances be placed upon a dedicated circuit; that is, a single outlet circuit which powers only that appliance and has no additional outlets or branch circuits. Check the specification page of this owner's manual to be certain. Do not connect too many appliances to the same AC power outlet as this could result in fire or electric shock. Do not overload wall outlets. Overloaded wall outlets, loose or damaged wall outlets, extension cords, frayed power cords, or damaged or cracked wire insulation are dangerous. Any of these conditions could result in electric shock or fire. Periodically examine the cord of your appliance, and if its appearance indicates damage or deterioration, unplug it, discontinue use of the appliance, and have the cord replaced with an exact replacement part by an authorized service. Protect the power cord from physical or mechanical abuse, such as being twisted, kinked, pinched, closed in a door, or walked upon. Pay particular attention to plugs, wall outlets, and the point where the cord exits the appliance. Do not move the TV with the power cord plugged in. Do not use a damaged or loose power cord. Be sure to grasp the plug when unplugging the power cord. Do not pull on the power cord to unplug the TV.



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

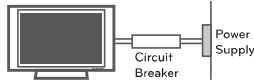


- Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).



### • Grounding

(Except for devices which are not grounded.) Ensure that you connect the earth ground wire to prevent possible electric shock (i.e. a TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet). If grounding methods are not possible, have a qualified electrician install a separate circuit breaker. Do not try to ground the unit by connecting it to telephone wires, lightning rods, or gas pipes.



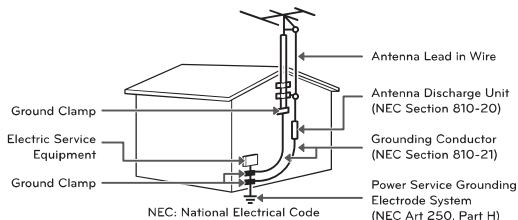
- As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if the unit is turned off.
- Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user's authority to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

### • Outdoor Antenna Grounding

(Can differ by country):

If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits as death or serious injury can occur. Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges. Section 810 of the National Electrical Code (NEC) in the U.S.A. provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements for the grounding electrode.

**Antenna grounding according to the National Electrical Code, ANSI/NFPA 70**



### • Cleaning

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

### • Moving

Make sure the product is turned off, unplugged, and all cables have been removed. It may take 2 or more people to carry larger TVs. Do not press or put stress on the front panel of the TV.


### • Ventilation

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

- If you smell smoke or other odors coming from the TV, unplug the power cord and contact an authorized service center.
- Keep the product away from direct sunlight.
- Never touch this apparatus or antenna during a lightning storm.
- When mounting a TV on the wall, make sure not to install the TV by hanging the power and signal cables on the back of the TV.
- Do not allow an impact shock, any objects to fall into the product, and do not drop anything onto the screen.

### • DISCONNECTING DEVICE FROM THE MAIN POWER

Mains plug is the disconnecting device. The plug must remain readily operable.

- Store the accessories (battery, etc.) in a safe location out of the reach of children.
- This apparatus uses batteries. In your community there might be regulations that require you to dispose of these batteries properly due to environmental considerations. Please contact your local authorities for disposal or recycling information.
- The batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
-  This equipment is a Class II or double insulated electrical appliance. It has been designed in such a way that it does not require a safety connection to electrical earth.

- **Dot Defect**

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

- **Generated Sound**

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

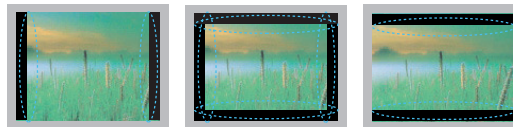
**Electrical circuit humming/panel buzzing**

A low level noise is generated from a high-speed switching circuit, which supplies a large amount of current to operate a product. It varies depending upon the product.

This generated sound does not affect the performance and reliability of the product.

- Take care not to touch the ventilation openings. When watching the TV for a long period, the ventilation openings may become hot. This does not affect the performance of the product or cause defects in the product.
- Do not install this product on a wall if it could be exposed to oil or oil mist. This may damage the product and cause it to fall.
- If the TV feels cold to the touch, there may be a small flicker when it is turned on. This is normal; there is nothing wrong with TV. Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the TV's performance. Avoid touching the LCD screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.

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



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

**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.

**For USA****LG Recycling Policy**

LG Electronics offers a customized e-waste take-back and recycling service that meets local needs and requirements in the countries where e-waste regulations are in place, and also provides product and packaging take-back and recycling service voluntarily in some countries. LG Electronics evaluates products' recyclability at the design step using LG's recyclability evaluation tool, with the goal of improving recyclability where practicable. Through these activities, LG seeks to contribute to conserving natural resources and protecting the environment.

For more information about the LG Recycling Policy, please visit our global site at <http://www.lg.com/global/sustainability/environment/take-back-recycling>

## LICENSES

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



Manufactured under license from Dolby Laboratories.  
Dolby and the double-D symbol are trademarks of Dolby Laboratories.



The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.

### NOTE

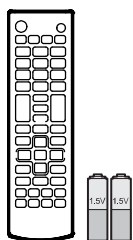
- Image shown may differ from your TV.
- Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.
- The available menus and options may differ from the input source or product model that you are using.
- New features may be added to this TV in the future.



## ASSEMBLING AND PREPARING

### Unpacking

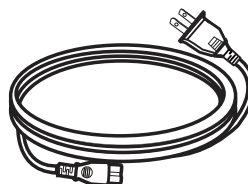
Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your product. The illustrations in this manual may differ from the actual product and item.



**Remote Control, Batteries (AAA)**



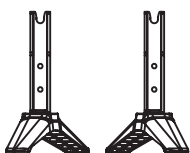
**Owner's Manual**



**Power Cord**

(For 60LB5200)

ENGLISH



**Stand Base**

(For 60LB5200 and reference for 65LB5200.)



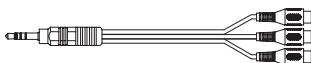
**Stand Screws**  
M4 x 10 (4pcs)

(For 60LB5200)



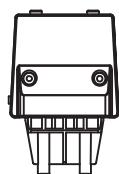
**Stand Screws**  
M6 x 14 (4pcs)

(For 65LB5200)



**Component Adapter Cable**

(For 60LB5200 / 65LB5200)



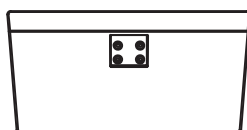
**Stand Holder**

(For 32LB520B)



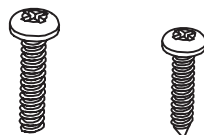
**Stand Holder Cover**

(For 32LB520B)



**Stand Base**

(For 32LB520B)



**Stand Screws**  
BT, 4 x 18 (4pcs) BA, 3.5 x 16 (2pcs)

(For 32LB520B)



**Wall Mount Spacer (2pcs)**

(For 65LB5200)

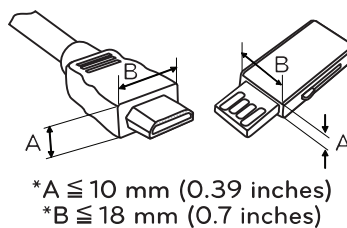


**CAUTION**

- Do not use any unapproved items to ensure the safety and product's lifespan.
- Any damages or injuries by using unapproved items are not covered by the warranty.
- Some models appear to have a thin film on the screen. It is actually part of the screen; do not remove it.

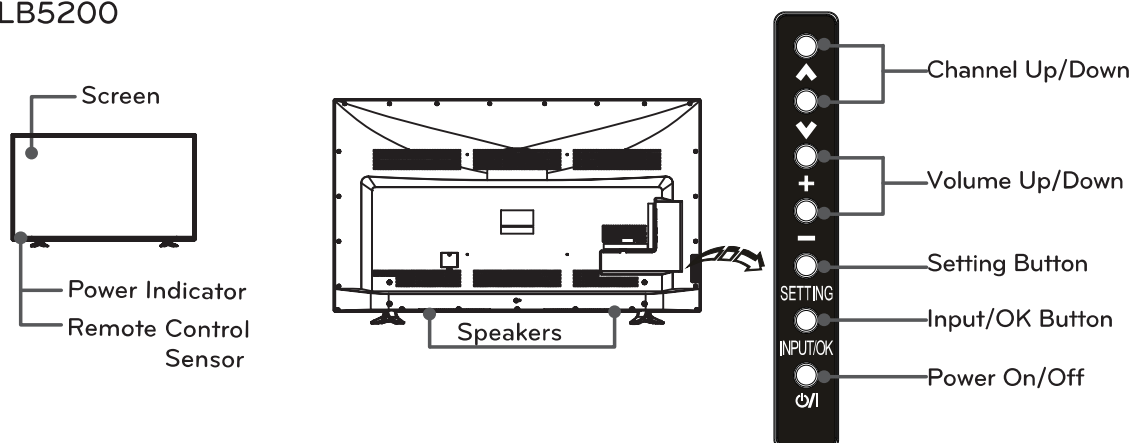
**NOTE**

- The items supplied with your product may vary depending upon the model.
- Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.
- For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm (0.39 inches) thick and 18 mm (0.7 inches) width.
- Use an extension cable that supports USB 2.0 if the USB cable or USB flash drive does not fit into your TV's USB port.



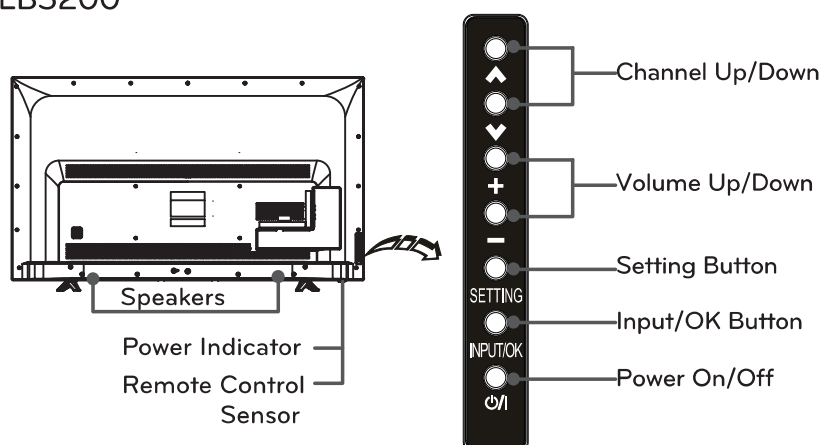
## Parts and Buttons

### 65LB5200

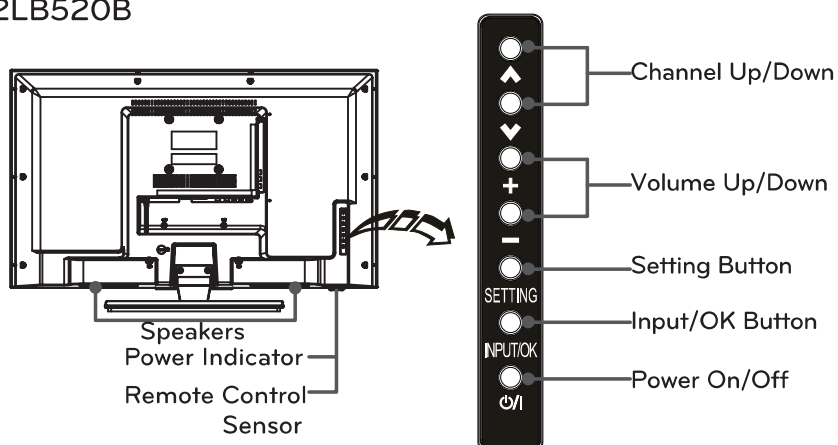


### 60LB5200

ENGLISH



### 32LB520B









## Using the keyboard buttons

You can operate the TV by pressing the keyboard buttons.

### Basic functions

Please refer to page 10 for basic functions of the keyboards.

### Adjusting the menu

	<b>INPUT/OK</b>	<ol style="list-style-type: none"> <li>1. Press <b>INPUT/OK</b>, enter into input source.</li> <li>2. When need to confirm a selection, use <b>INPUT/OK</b> as OK button.</li> </ol>
 	<b>Move left/right</b>	Press <b>+ / -</b> to move left/right on a menu or a submenu.
 	<b>Move up/down</b>	Press <b>^ / v</b> to move up/down on a menu or a submenu.
	<b>Menu/Exit</b>	<ol style="list-style-type: none"> <li>1. When there is no OSD on the screen, press <b>SETTING</b> can access the menu settings.</li> <li>2. When there is an OSD on the screen, press <b>SETTING</b> can exit the menu settings.</li> </ol>

## Lifting and Moving the TV

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

### CAUTION

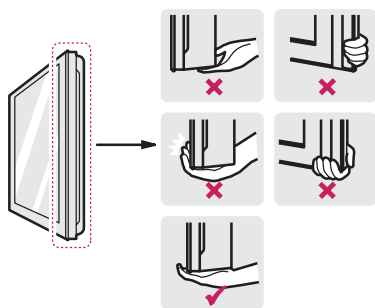
- Avoid touching the screen at all times, as this may result in damage to the screen.
- Do not place the product on the floor with its front facing down without padding. Failure to do so may result in damage to the screen.

- It is recommended to move the TV in the box or packing material that the TV originally came in.
- Before moving or lifting the TV, disconnect the power cord and all cables.

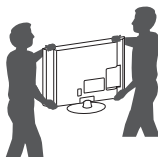
- When holding the TV, the screen should face away from you to avoid damage.



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



- Use at least two people to move a large TV.
- When transporting the TV by hand, hold the TV as shown in the following illustration.
- When transporting the TV, do not expose the TV to jolts or excessive vibration.
- When transporting the TV, keep the TV upright; never turn the TV on its side or tilt towards the left or right.



## Setting Up The TV

### Attaching the stand

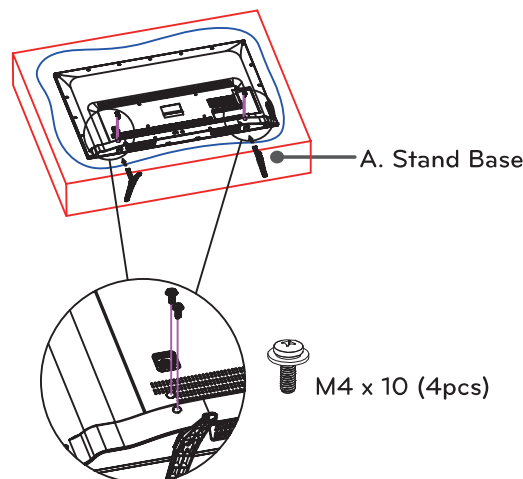


### CAUTION

- When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

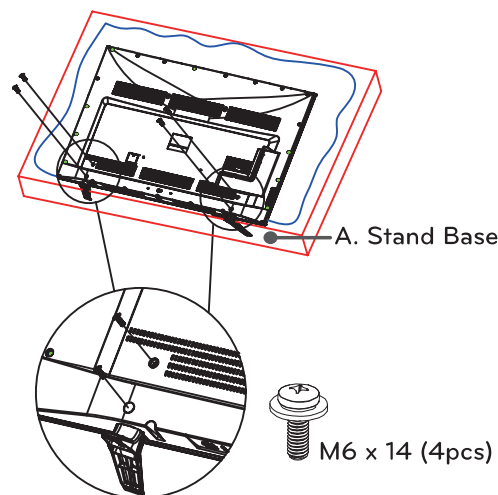
1

60LB5200



2

65LB5200



**3** 32LB520B**CAUTION**

- Do not mistake the BT 4 x 18 screws and the BA 3.5 x 16 screws.

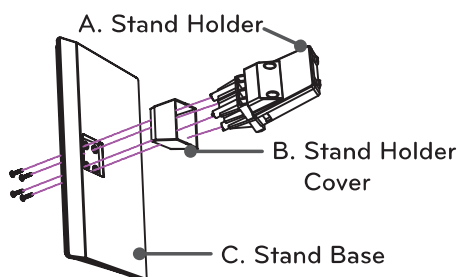


BT 4 x 18 (4pcs) - For step 1

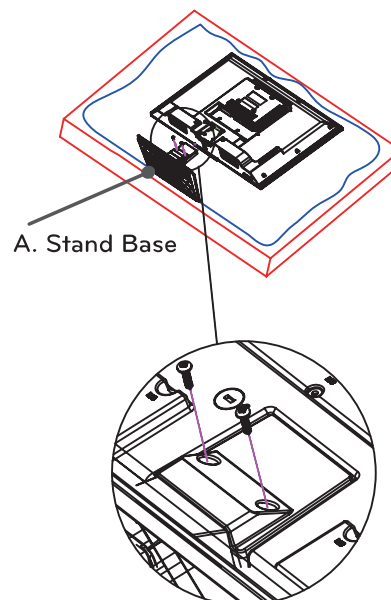


BA 3.5 x 16 (2pcs) - For step 2

Step 1 Use 4 pcs BT 4 x 18 screws to install the stand.

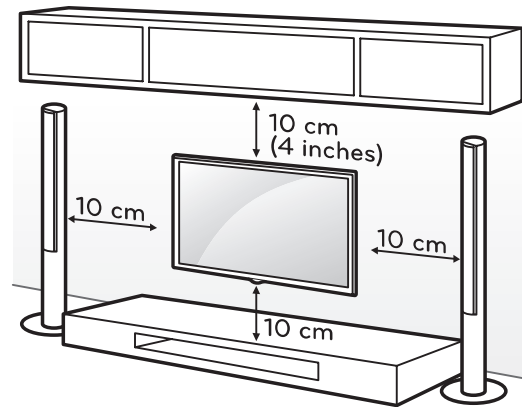
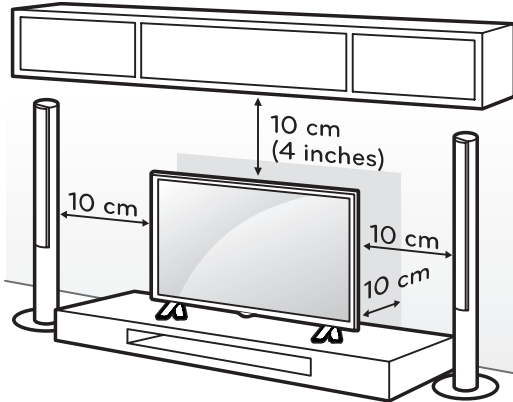


Step 2 Use 2pcs BA 3.5 x 16 screws to install the stand to the TV set.



### Mounting on a table

- 1 Lift and tilt the TV into its upright position on a table.
- Leave a 10 cm (4 inches) (minimum) space from the wall for proper ventilation.



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.

- 2 Connect the power cord to a wall outlet.




#### CAUTION

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

ENGLISH

### Mounting on a wall

An optional wall mount can be used with your LG Television. Consult with your local dealer for a wall mount that supports the VESA standard used by your TV model. Carefully attach the wall mount bracket at the rear of the TV. Install the wall mount bracket on a solid wall perpendicular to the floor. If you are attaching the TV to other building materials, please contact qualified personnel to install the wall mount. Detailed instructions will be included with the wall mount. We recommend that you use an LG brand wall mount. please use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices.

Model	32LB520B	60LB5200	65LB5200
VESA (A x B) 	100 x 100mm	400 x 200mm	400 x 400mm
Standard screw	M4	M6	M6
Number of screws	4	4	4
Wall mount bracket (optional)	Buy a suitable wall mount kit in the market by referring to this table for each model.		

**⚠ CAUTION**

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

**⚠ CAUTION**

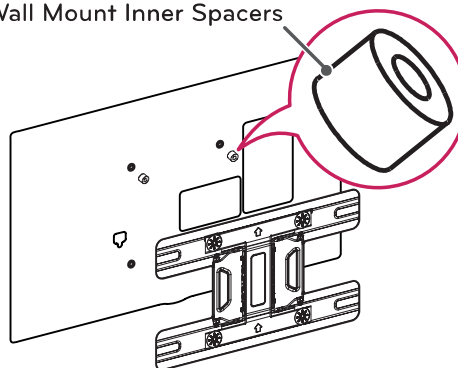
- Do not install this product on a wall if it could be exposed to oil or oil mist. This may damage the product and cause it to fall.

**! NOTE**

- Use the screws that are listed in the VESA standard screw specifications.
- The wall mount kit includes an installation manual and necessary parts.
- The wall mount bracket is optional. You can obtain additional accessories from your local dealer.
- The length of screws may differ depending upon the wall mount. Make sure to use the proper length.
- For more information, refer to the manual supplied with the wall mount.
- (For 65LB5200)

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

Wall Mount Inner Spacers





## MAKING CONNECTIONS

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

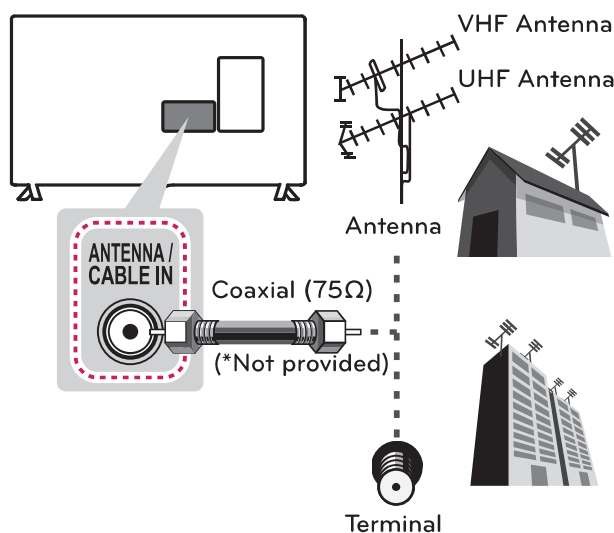
### ! NOTE

- If you record a TV program on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR. For more information about recording, refer to the manual provided with the connected device.
- The external device connections shown may differ slightly from illustrations in this manual.
- Connect external devices to the TV regardless about the order of the TV port.
- If you connect a gaming device to the TV, use the cable supplied with the gaming device.
- Refer to the external equipment's manual for operating instructions.

### Connecting to an antenna or cable

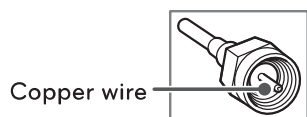
Connect an antenna, cable, or cable box to watch TV. The illustrations may differ from the actual items and an RF cable is optional.

ENGLISH



### ! CAUTION

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



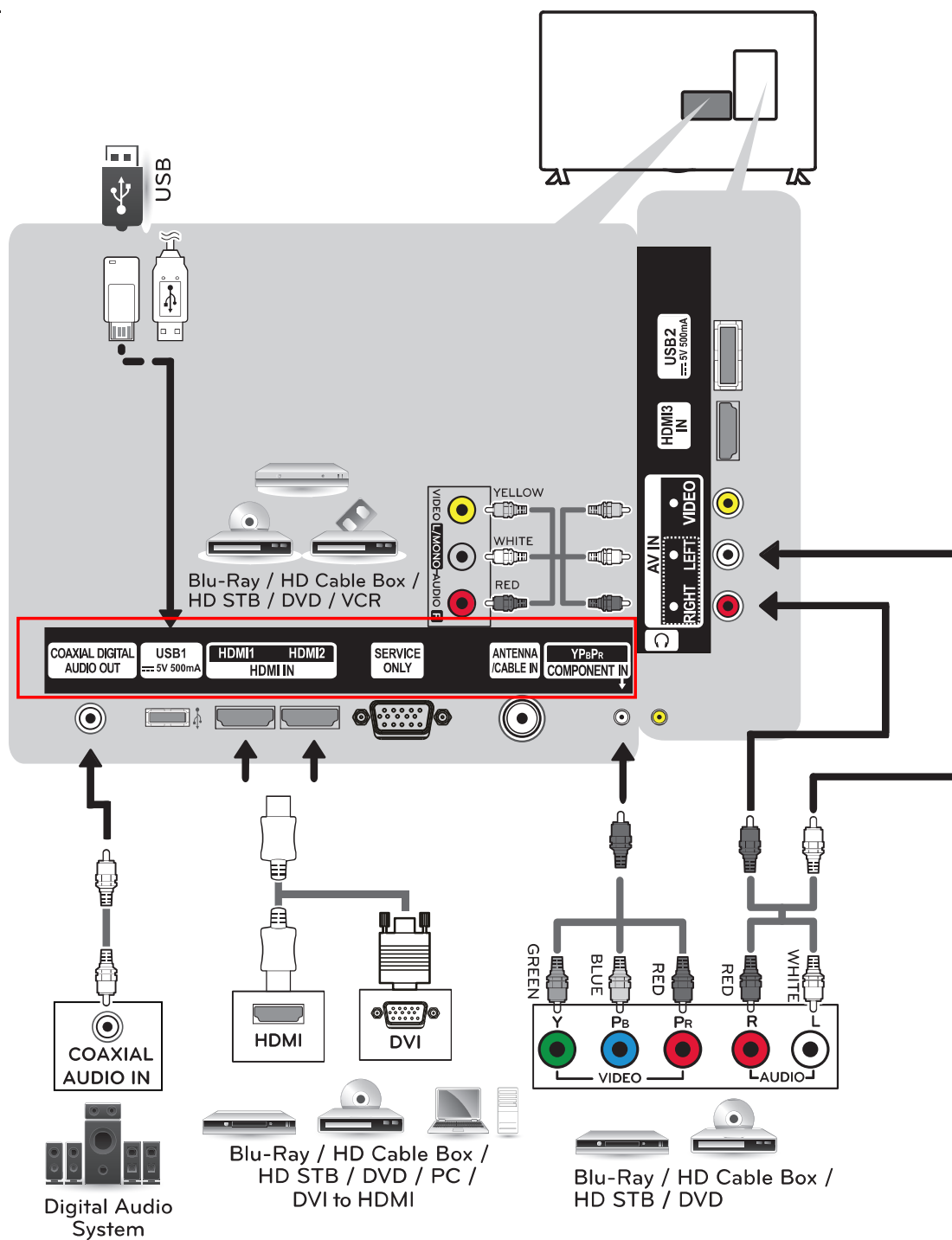
- Complete all connections between devices, and then connect the power cord to the power outlet to prevent damage to your TV.

### ! NOTE

- Use a signal splitter to use 2 TVs or more.
- DTV Audio Supported Codec: MPEG, Dolby Digital.

## Other connections (For Model 60LB5200 /65LB5200)

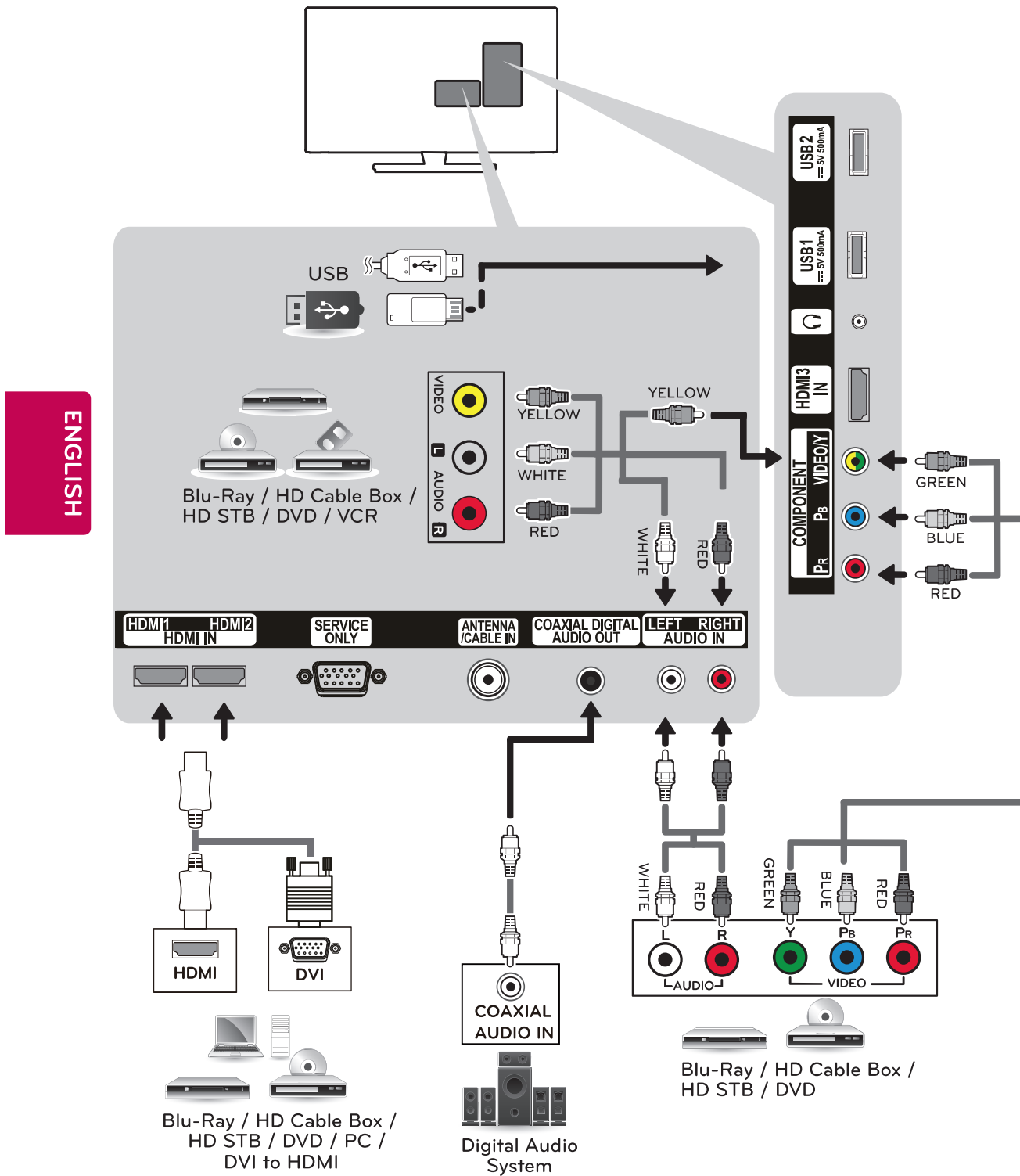
Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable as shown. Depending upon the model, a cable may be provided. When connect DVD etc. devices to the COMPONENT port, please remember to use the component adapter cable.



ENGLISH

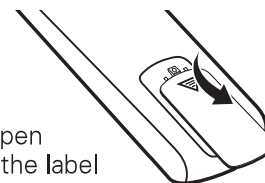
## Other connections (For Model 32LB520B)

Connect your TV to external devices. For the best picture and audio quality, connect the external device and the TV with the HDMI cable as shown. Depending upon the model, a cable may be provided.



# REMOTE CONTROL

The descriptions in this manual are based on the buttons on the remote control. Please read this manual carefully and use the TV correctly. To install batteries, open the battery cover, replace batteries (1.5 V AAA) matching the  $\oplus$  and  $\ominus$  ends to the label inside the compartment, and close the battery cover. Failure to match the correct polarities of the battery may cause the battery to burst or leak, resulting in fire, personal injury, or ambient pollution. To remove the batteries, perform the installation actions in reverse.



## CAUTION

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

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

	<p><b>⏻ (POWER)</b> Turns the TV on or off.  <b>TV</b> Returns to the last TV channel.  <b>CAPTION</b> Activates or deactivates the subtitles.  <b>AV MODE</b> Selects an AV mode.  <b>RATIO</b> Resizes an image.  <b>INPUT</b> Changes the input source. Turns the TV on if it is off.</p>
	<p><b>Number button</b> Enters numbers.  <b>- (Dash)</b> Inserts a dash between numbers such as 2-1 and 2-2.  <b>LIST</b> Accesses the saved channel list.  <b>FLASHBK</b> Alternates between the two last channels selected (pressing repeatedly).</p>
	<p><b>+ VOL -</b> Adjusts the volume level.  <b>FAV</b> Accesses your favorite channel list.  <b>AUDIO</b> Digital signal: Changes the audio language.                            Analog signal: Changes the MTS sound.  <b>MUTE</b>  Mutes all sounds.  <b>^ CH v</b> Scrolls through the saved channels.  <b>^ PAGE v</b> Moves to the previous or next screen.</p>
	<p><b>PICTURE</b> Changes the image mode.  <b>INFO</b>  Shows information on the current program.  <b>SOUND</b> Changes the sound mode.  <b>SETTINGS</b> Accesses the main menu.  <b>Q.MENU</b> Accesses the quick menu.  <b>Navigation buttons</b> (up/down/left/right) Scrolls through menus or options.  <b>OK</b>  Selects menus or options and confirms your input.  <b>↶ BACK</b> Returns to the previous screen.  <b>EXIT</b> Clears all on-screen displays and returns to TV viewing.</p>
	<p><b>*</b> Not functional.  <b>SLEEP</b> Sets the length of time until the TV to turns off.  <b>Control buttons</b> (, , , , ) Controls the compatible devices (USB).   These access special functions in some menus.</p>

## SETTINGS

### To set up the channels automatically

#### SETTINGS ⇒ CHANNEL → Auto Tuning

Memorizes automatically the channels being broadcast.

- The channels will not be memorized properly if the antenna/cable is not installed correctly.
- **Auto Tuning** memorizes the channels that are currently being broadcast.

### To use Energy Saving feature

#### SETTINGS ⇒ PICTURE → Energy Saving

Saves electric power by adjusting screen brightness.

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

### To select Picture Mode

#### SETTINGS ⇒ PICTURE → Picture Mode

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

- **Vivid** Heightens contrast, brightness and sharpness to display vivid images.
- **Standard** Displays images in standard levels of contrast, brightness and sharpness.
- **Sport** Weakens contrast, brightness and sharpness to display sport images.
- **Cinema / Game** Displays the optimum picture for movie, game.
- **Backlight** Selects the range of colors that can be expressed.
- **Contrast** Adjusts the difference between the light and dark areas of the picture. To get better picture value, Contrast should be adjusted to the proper value.
- **Brightness** Adjusts the brightness of the picture, and usually is adjusted together with Contrast.
- **Sharpness** Adjusts the sharpness level of video performance.
- **Color** Adjusts the richness of colour.

- **Tint** Adjust the tint of the picture.
- **Color Temperature** Adjusts the overall tone of the screen as desired.
- Depending upon input signal or other picture settings, the range of detailed items for adjustment may differ.

### To set additional picture options

#### SETTINGS ⇒ PICTURE → Picture Mode → Picture Option

Adjusts detailed setting for images.

- **Noise Reduction** Eliminates noise in the picture.
- **MPEG Noise Reduction** Eliminates noise generated while creating digital picture signals.
- **Black Level** Adjusts the brightness and contrast of the screen to suit the black level.
- **Real Cinema** Optimizes the screen for movie viewing.
- **Trumotion** For 60LB5200 /65LB5200, select On or Off to control the MEMC feature.
- Depending upon input signal or other picture settings, the range of detailed items for adjustment may differ.

### To set advanced control

#### SETTINGS ⇒ PICTURE → Picture Mode → Advanced Control

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

- **Dynamic Contrast** Adjusts the contrast to the optimal level according to the image's brightness.
- **Dynamic Color** Adjusts colors to make the image appear in more natural colors.
- **Skin Color** Skin color spectrum can be separately set to implement the skin color as defined by the user.
- **Grass Color** Natural color spectrum (meadows, hills, etc.) can be separately set.
- **Sky Color** Sky color is set separately.
- **Gamma** Sets the gradation curve according to the output of picture signal in relation to the input signal.

### To use auto volume

#### SETTINGS ⇒ AUDIO → Auto Volume

Activates the Auto Volume feature to keep the volume level consistent whenever you change channels. The volume level may not be consistent due to different signal conditions of broadcasting stations.

### To select Sound Mode

#### SETTINGS ⇒ AUDIO → Sound Mode

Select the sound mode optimized for the viewing environment.

- **Standard** Offers standard-quality sound.
- **Music** Optimizes sound for listening to music.
- **Cinema** Optimizes sound for watching movies.
- **Sport** Optimizes sound for watching sports events.
- **Game** Optimizes sound for playing games.

### To use TV speaker

#### SETTINGS ⇒ AUDIO → TV Speaker

Sound is output through the TV speaker.

### To set Sleep Timer

#### SETTINGS ⇒ TIME → Sleep Timer

The sleep timer turns the TV off at the preset time, choices are Off, 10min, 20min, 30min, 60min, 90min, 120min, 180min and 240min.

### To set the Clock

#### SETTINGS ⇒ TIME → Clock

- **Auto clock setup** The time is set automatically from a digital channel signal. In this mode, you can select a time zone and select to turn on/off the Daylight Saving function.
- **Manual clock setup** If the current time setting is wrong, reset the clock manually. If this TV is unplugged once or turn off with the AC power control switch on the TV, reset the clock function.

### To set the password

#### SETTINGS ⇒ LOCK → Set Password

Set or change the TV password.

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

### To set the caption

#### SETTINGS ⇒ OPTION → Caption

View captions when the TV station provides captioned programming. Program captions work only on digital/analog broadcasts or external input.

Change **Caption** to **On** and select caption settings.

- **Mode**  
**CC 1-4** (Closed Captioning) / **Text 1-4**:  
 Displays the audio portion of a TV program as text on the TV screen. CC1 is the most common mode in use.  
 Field 1 data channels: two Captions (CC1, CC2), two Text (T1, T2).  
 Field 2 data channels: two Captions (CC3, CC4), two Text (T3, T4).  
**Service 1-6**: This is only available for the digital broadcasting system.
- **Digital Option**: Set up the size and color of the captions on **Digital Option**. Please select **Set By Program** or **Custom**. Select **Custom** to adjust minute options such as the captions' size and color.

### To return to initial settings

#### SETTINGS ⇒ OPTION → Initial Setting

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

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

## Using USB storage devices

- SETTINGS ⇒ USB → USB1/2 Photo List /  
USB1/2 Music List

Select Photo List → Select photo icon  
→Select USB device ↪Select photo file folder  
↪Select photos  
↪Select photos from file folder →Press[▶]to play  
Press [▶]to play the photos      the photos

```

graph LR
    A[Select Music List] --> B[Select Music icon]
    B --> C[Select USB device]
    C --> D[Select music file folder]
    D --> E[Select music]
    E --> F[Select music from file folder]
    F --> G[Press [▶] to play the music]
    G --> H[Press [▶] to play the music]

```

Press **[INFO]** to display the play control bar and use **[◀]/[▶]** and **[⏮]** buttons to operate according to the icons. Press **[▼]** can exit from the control bar.

- Please make sure that the music and the corresponding lyrics are of the same name, otherwise the lyrics can not synchronize with the music.
- Before playing photos, please access **Music List**, select and mark the music you want to set as background music. If not, the TV will automatically play music in the photo folder from which the photos are playing as background music.



**Supported Photo Formats**

- Category: jpeg  
[Available file type]  
SOF0: Baseline,  
SOF2: Progressive  
[Photo size] Minimum: 2 x 2,  
Maximum: Normal Type: 15,360 (W) x 8,640  
(H), Progressive Type: 1,024 (W) x 768 (H)

**Supported Audio Formats**

- File type: mp3  
[Bit rate] 32 Kbps - 320 Kbps  
[Sample freq.] 32 kHz - 48 kHz  
[Support] MPEG-1, Layer2, Layer3, AC3

# SPECIFICATIONS

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

Power requirement		AC 100 - 240 V ~ 50 / 60 Hz (For 60LB5200) AC 120 V ~ 50 / 60 Hz (For 32LB520B / 65LB5200)
Television System		ATSC, NTSC-M, 64 & 256 QAM
Program Coverage		VHF 2-13, UHF 14-69, DTV 2-69, CATV 1-135, CADTV 1-135
External Antenna Impedance		75 Ω
Environment condition	Operating Temperature	0 °C to 40 °C (32 °F to 104 °F)
	Operating Humidity	Less than 80 %
	Storage Temperature	-20 °C to 60 °C (-4 °F to 140 °F)
	Storage Humidity	Less than 85 %

MODELS		32LB520B	60LB5200
Dimensions (W x H x D)	With stand	737 x 486 x 180 (mm)	1350 x 821 x 269.7 (mm)
		29.0 x 19.1x 7.1 (inches)	53.2 x 32.3 x 10.6 (inches)
	Without stand	737 x 439 x 90.4 (mm)	1350 x 779x 72 (mm)
		29.0 x 17.3 x 3.6 (inches)	53.2 x 30.7 x 2.8(inches)
Weight	With stand	5,6 kg (12.3 lbs)	23,6 kg (51.9 lbs)
	Without stand	5.15 kg (11.33 lbs)	23 kg (50.6 lbs)
Current Value / Power consumption		0.8 A / 50 W	1.2 A / 115 W

MODELS		65LB5200
Dimensions (W x H x D)	With stand	1467 x 899 x 292.5 (mm)
		57.8x 35.4 x 11.5 (inches)
	Without stand	1467 x 851 x 70.5(mm)
		57.8 x 33.5 x 2.8 (inches)
Weight	With stand	32,9 kg (72.4 lbs)
	Without stand	31,4 kg (69.1 lbs)
Current Value / Power consumption		1,4 A / 135 W

**HDMI (PC) supported mode**

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

For 60LB5200, 65LB5200

**Component port connecting information**

Component ports on the TV	Y	P <sub>B</sub>	P <sub>R</sub>
---------------------------	---	----------------	----------------

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

**HDMI (DTV) supported mode**

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
640 x 480p	31.47	59.94
	31.50	60.00
720 x 480p	31.47	59.94
	31.50	60.00
720(1440) x 480i	15.73	59.94
	15.75	60.00
1280 x 720p	44.96	59.94
	45.00	60.00
1920 x 1080i	33.72	59.94
	33.75	60.00
1920 x 1080p	26.97	23.976
	27.00	24.00
	33.72	29.97
	33.75	30.00
	67.432	59.94
	67.50	60.00

**Component supported mode**

Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)
720 x 480i	15.73	59.94
	15.73	60.00
720 x 480p	31.47	59.94
	31.50	60.00
1280 x 720p	44.96	59.94
	45.00	60.00
1920 x 1080i	33.72	59.94
	33.75	60.00
1920 x 1080p	26.97	23.976
	27.00	24.00
	33.72	29.97
	33.75	30.00
	67.432	59.94
	67.50	60.00

## MAINTENANCE

### Cleaning your TV

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

**CAUTION**

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

### Screen, frame, cabinet, and stand

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

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

**CAUTION**

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

**ENGLISH**

### Power cord

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

## TROUBLESHOOTING

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

# CHILD SAFETY:

## PROPER TELEVISION PLACEMENT MATTERS



### THE CONSUMER ELECTRONICS INDUSTRY CARES

- Manufacturers, retailers and the rest of the consumer electronics industry are committed to making home entertainment safe and enjoyable.
- As you enjoy your television, please note that all televisions – new and old- must be supported on proper stands or installed according to the manufacturer's recommendations. Televisions that are inappropriately situated on dressers, bookcases, shelves, desks, speakers, chests, carts, etc., may fall over, resulting in injury.



### TUNE IN TO SAFETY

- **ALWAYS** follow the manufacturer's recommendations for the safe installation of your television.
- **ALWAYS** read and follow all instructions for proper use of your television.
- **NEVER** allow children to climb on or play on the television or the furniture on which the television is placed.
- **NEVER** place the television on furniture that can easily be used as steps, such as a chest of drawers.
- **ALWAYS** install the television where it cannot be pushed, pulled over or knocked down.
- **ALWAYS** route cords and cables connected to the television so that they cannot be tripped over, pulled or grabbed.



### WALL OR CEILING MOUNT YOUR TELEVISION

- **ALWAYS** contact your retailer about professional installation if you have any doubts about your ability to safely mount your television.
- **ALWAYS** use a mount that has been recommended by the television manufacturer and has a safety certification by an independent laboratory (such as UL, CSA, ETL).
- **ALWAYS** follow all instructions supplied by the television and mount manufacturers.
- **ALWAYS** make sure that the wall or ceiling where you are mounting the television is appropriate. Some mounts are not designed to be mounted to walls and ceilings with steel studs or cinder block construction. If you are unsure, contact a professional installer.
- Televisions can be heavy. A minimum of two people is required for a wall or ceiling mount installation.



### MOVING AN OLDER TELEVISION TO A NEW PLACE IN YOUR HOME

- Many new television buyers move their older CRT televisions into a secondary room after the purchase of a flat-panel television. Special care should be made in the placement of older CRT televisions.
- **ALWAYS** place your older CRT television on furniture that is sturdy and appropriate for its size and weight.
- **NEVER** place your older CRT television on a dresser where children may be tempted to use the drawers to climb.
- **ALWAYS** make sure your older CRT television does not hang over the edge of your furniture.



Declaration of Conformity

Trade Name: LG

Model: 32LB520B  
60LB5200  
65LB5200

Responsible Party: LG Electronics Inc.  
Address: 1000 Sylvan Ave. Englewood Cliffs NJ  
07632 U.S.A  
TEL: 201-266-2534

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

MODEL \_\_\_\_\_

SERIAL \_\_\_\_\_

LG Customer Information Center

For inquires or comments, visit [www.lg.com](http://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](http://www.lg.com)



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. Refer to [ENERGYSTAR.gov](http://ENERGYSTAR.gov) for more information on the ENERGY STAR program.