LG
Life's Good

OWNER'S MANUAL
PLASMA TV

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

P/NO: MFL67213001(1104-REV00)
Printed in Thailand

www.lg.com

SAFETY INSTRUCTIONS

• Please read these safety precautions carefully before using the product.
• In this manual, the illustration may be somewhat different from your product because it is just example to help the instruction.

⚠ 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.

PRECAUTION IN INSTALLING THE PRODUCT

⚠ WARNING



Keep away from heat sources like electrical heaters.
- Electrical shock, fire, malfunction or deformation may occur.



Do not use the product in damp place such as a bathroom or any place where it is likely to get wet.
- This may cause a fire or could give an electric shock.



If you can smell smoke or other odors or hear a strange sound unplug the power cord and contact the service center.
- If you continue to use without taking proper measures, electrical shock or fire can occur.

⚠ CAUTION



Install the product on a flat and stable place that has no risk of dropping the product.
- If the product is dropped, you may be injured or the product may be broken.



Keep the product away from direct sunlight.
- The product can be damaged.



Do not place the product in a built-in installation such as bookcase or rack.
- Ventilation required.

ELECTRICAL POWER RELATED PRECAUTIONS

⚠ WARNING



Make sure to connect the power cable to the grounded current.
- You may be electrocuted or injured.



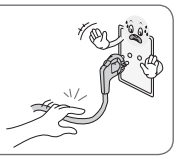
Do not touch the power plug with wet hands. Additionally, it the cord pin is wet or covered with dust, dry the power plug completely or wipe dust off.
- You may be electrocuted due to excess moisture.



During a thunder or lightning storm, unplug the power cable or signal cable.
- You may be electrocuted or a fire can break out.

⚠ CAUTION

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.

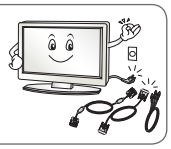


As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if you turn off this unit by SWITCH.

PRECAUTIONS IN MOVING THE PRODUCT

⚠ WARNING

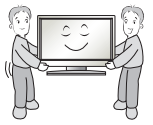
Make sure to turn off the product.
Make sure to remove all cables before moving the product.
- You may be electrocuted or the product can be damaged.



⚠ CAUTION

Do not shock the product when moving it.
- You may be electrocuted or the product can be damaged.

Make the panel face forward and hold it with both hands to move.
- If you drop the product, the damaged product can cause electric shock or fire. Contact with the service center for repair.



PRECAUTIONS IN USING THE PRODUCT

⚠ WARNING

Do not disassemble, repair or modify the product at your own discretion.
- Fire or electric shock accident can occur.
- Contact the service center for check, calibration or repair.



To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.



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.

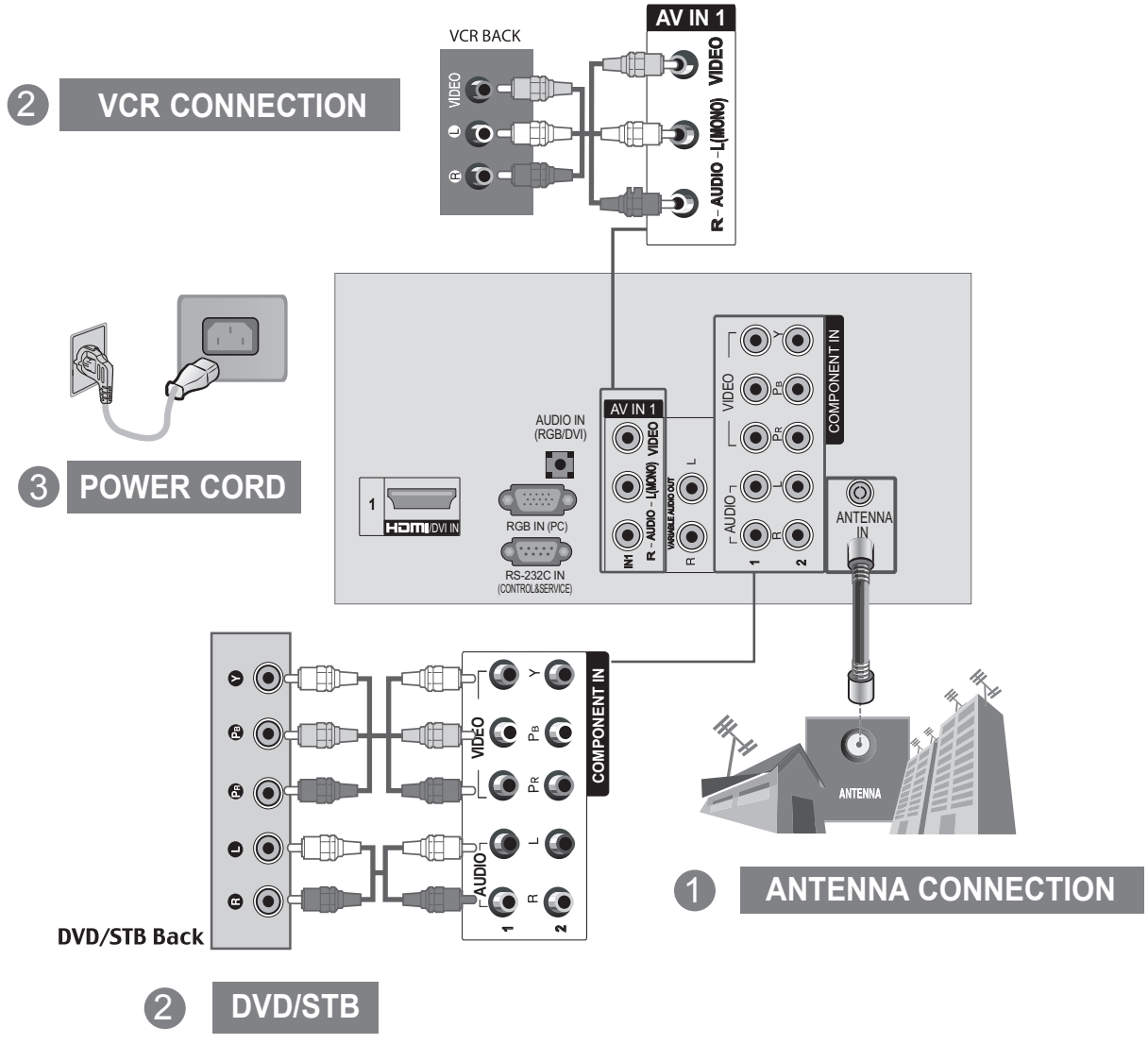


IMPORTANT INFORMATION TO PREVENT "IMAGE BURN / BURN-IN" ON YOUR TELEVISION SCREEN
- When a fixed image (e.g. logos, screen menus, video game, computer display and teletext pages) is displayed on the television for an extended period it can become permanently imprinted on the screen. This phenomenon is known as "image burn" or "burn-in". Image burn is not covered under the manufacturer's warranty.
- In order to prevent image burn, avoid displaying a fixed image on your television's screen for a prolonged period (2 or more hours for LCD, 1 or more hours for Plasma).
- Image burn can also occur on the letterboxed areas of your television if you use the 4:3 aspect ratio setting for an extended period.

PREPARATION

CONNECTING YOUR UNIT

■ Image shown may differ from your TV.



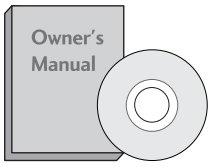
* To connect an additional equipment, see the External Equipment Setup section in CD Manual.

PREPARATION

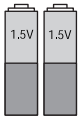
ACCESSORIES

Ensure that the following accessories are included with your TV. If an accessory is missing, please contact the dealer where you purchased the TV.

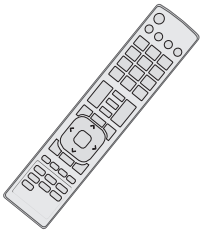
■ Image shown may differ from your TV.



Owner's Manual



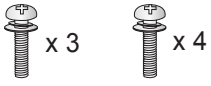
Batteries
(AAA)



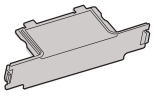
Remote Control



Power Cord



M5X14.5 M4X26
Bolts for stand assembly
(Refer to p.10)



Protection Cover
(Refer to p.11)



Cable Holder
(Refer to p.10)



Power Cord holder
(Refer to p.10)



Ferrite Core
(Depending on model)
(Refer to p.5)



Protection cover tape
(Refer to p.11)

This item is not included for all models.



Polishing Cloth

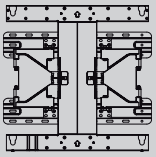
Polishing cloth for use on the screen.

* Lightly wipe any stains or fingerprints on the surface of the TV with the polishing cloth.

Do not use excessive force. This may cause scratching or discolouration.

Wall Mounting Bracket
(Separate purchase)

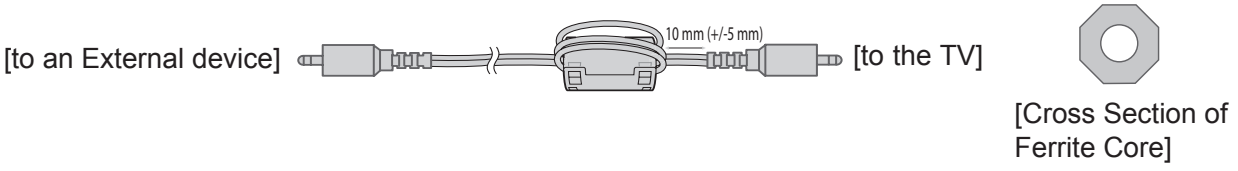
PSW400BG or PSW400B
or DSW400BG



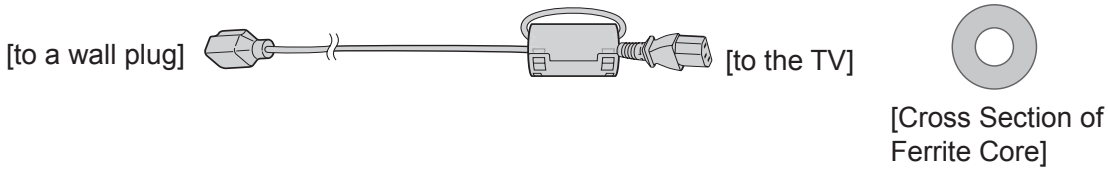
The items supplied with your product may vary depending on the model.
Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.

■ How to use the ferrite core

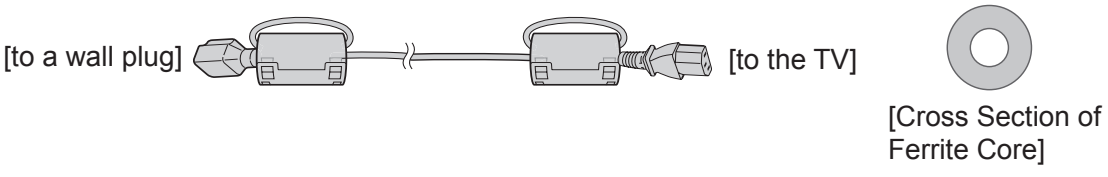
1 Use the ferrite core to reduce the electromagnetic interference in the PC audio cable.
Wind the PC audio cable on the ferrite core thrice. Place the ferrite core close to the TV.



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.



- If there is one ferrite core, follow as shown in Figure 1.
- 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.

FRONT PANEL CONTROLS

NOTE

► The energy consumed during use can be significantly reduced if the level of brightness of the picture is reduced, and this will reduce the overall running cost.

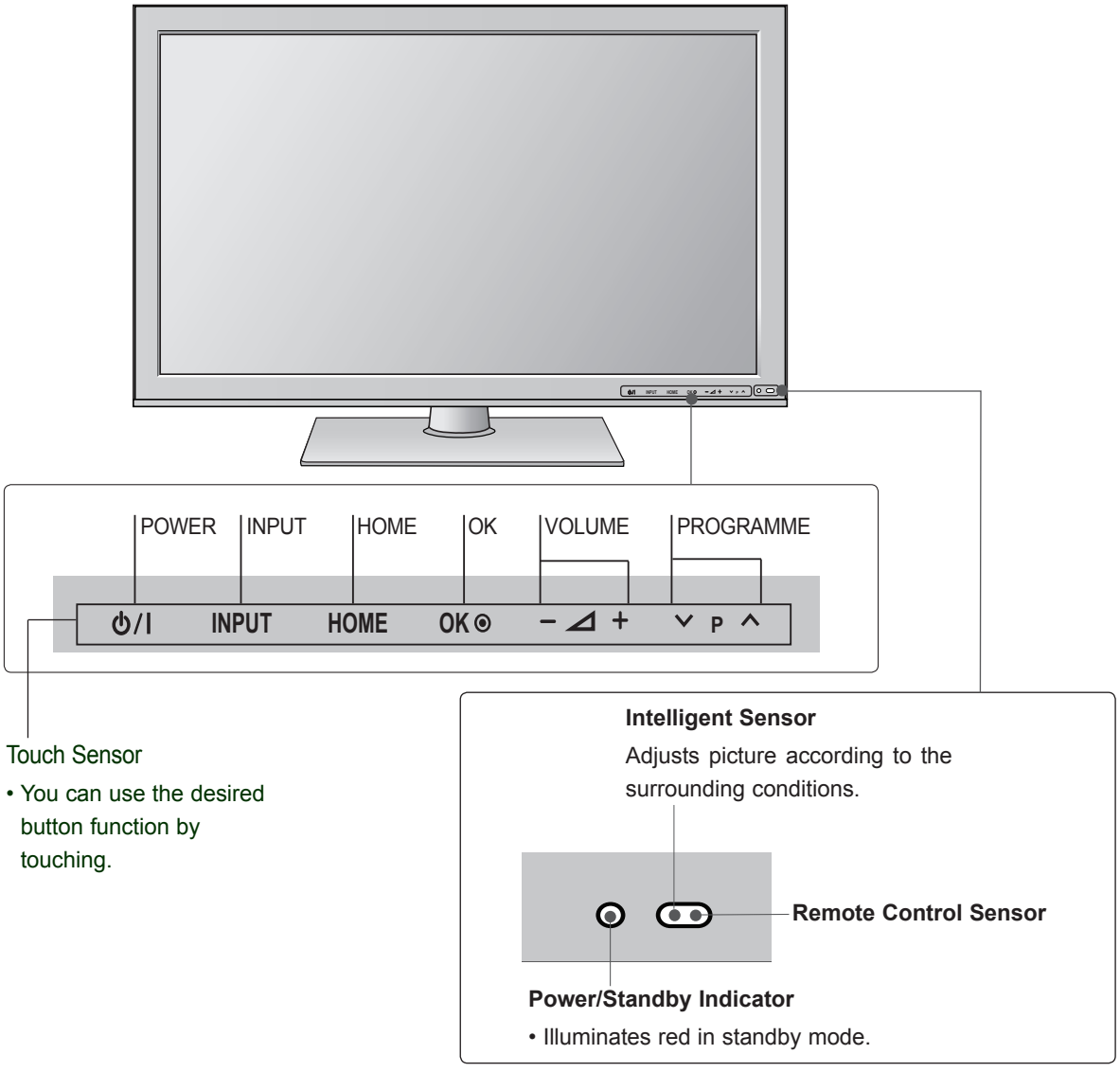
CAUTION

► Do not step on the glass stand or subject it to any impact.
It may break, causing possible injury from fragments of glass, or the TV may fall.

► Do not drag the TV. The floor or the product may be damaged.

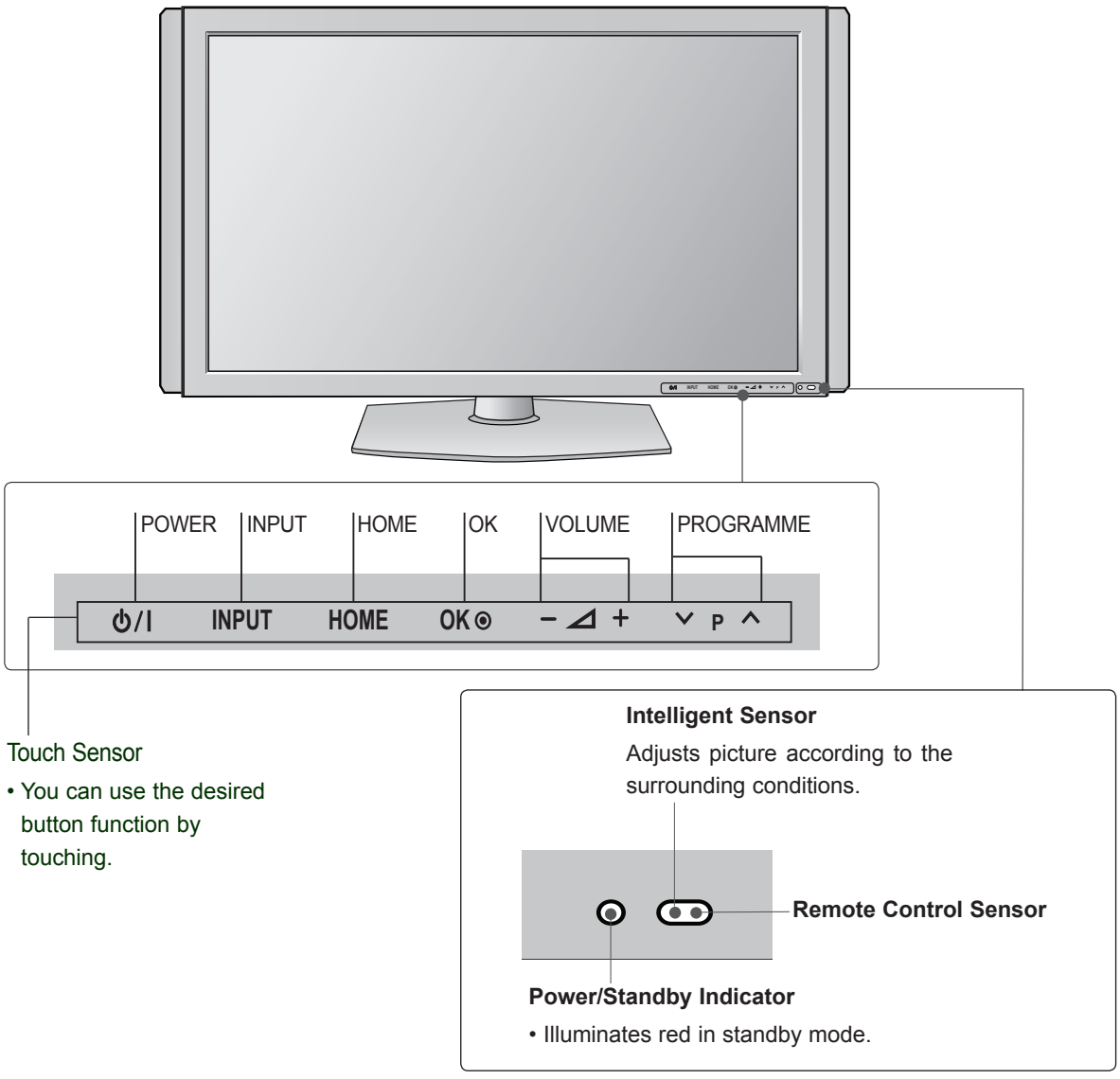
■ Image shown may differ from your TV.

42/50PT2***, 50PV2***, 42/50PT3***



■ Image shown may differ from your TV.

42/50PT5***

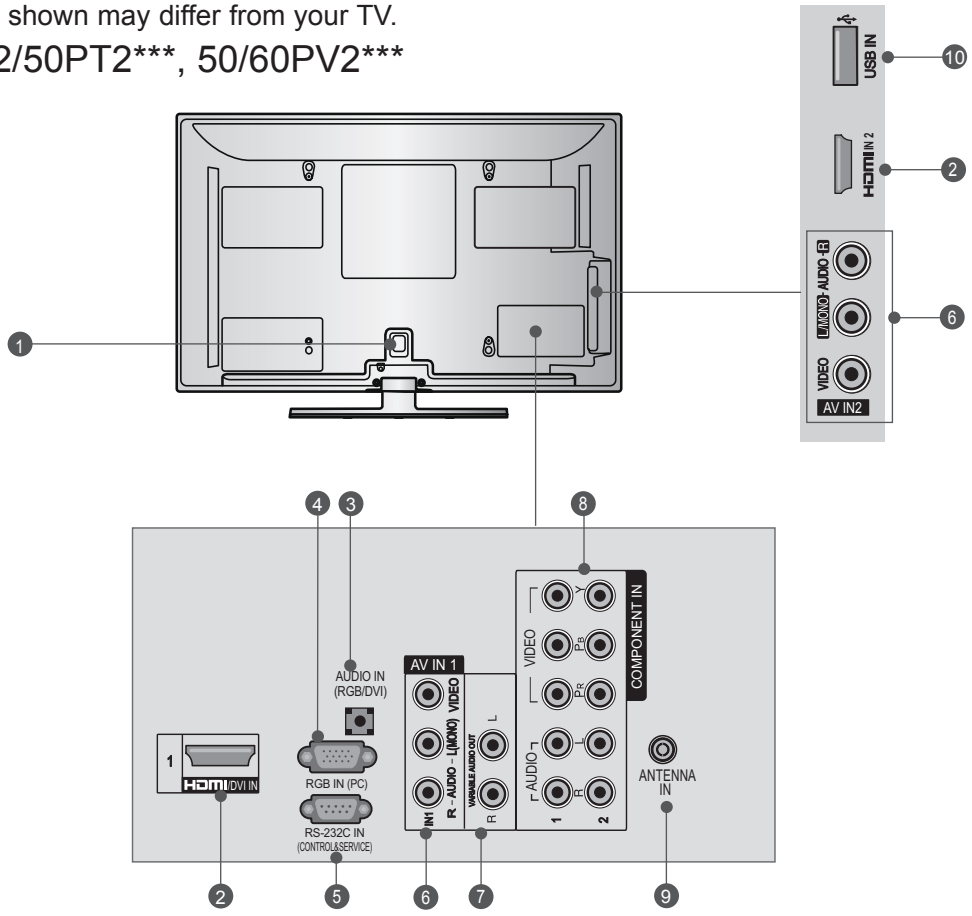


PREPARATION

BACK PANEL INFORMATION

■ Image shown may differ from your TV.

Only 42/50PT2***, 50/60PV2***



❶ Power Cord Socket
This TV operates on an AC power. The voltage is indicated on the Specifications page. Never attempt to operate the TV on DC power.

❷ HDMI Input
Connect an HDMI signal to HDMI IN.
Or DVI(VIDEO)signal to HDMI/DVI port with DVI to HDMI cable.

❸ RGB/DVI Audio Input
Connect the audio from a PC.

❹ RGB Input
Connect the output from a PC.

❺ RS-232C Input (CONTROL&SERVICE) Port
Connect to the RS-232C port on a PC.
This port is used for Service or Hotel mode.

❻ Audio/Video Input (AV IN1/2)
Connect audio/video output from an external device to these jacks.

❼ Variable Audio Output
Connect an external amplifier or add a subwoofer to your surround sound system.

❽ Component Input
Connect a component video/audio device to these jacks.

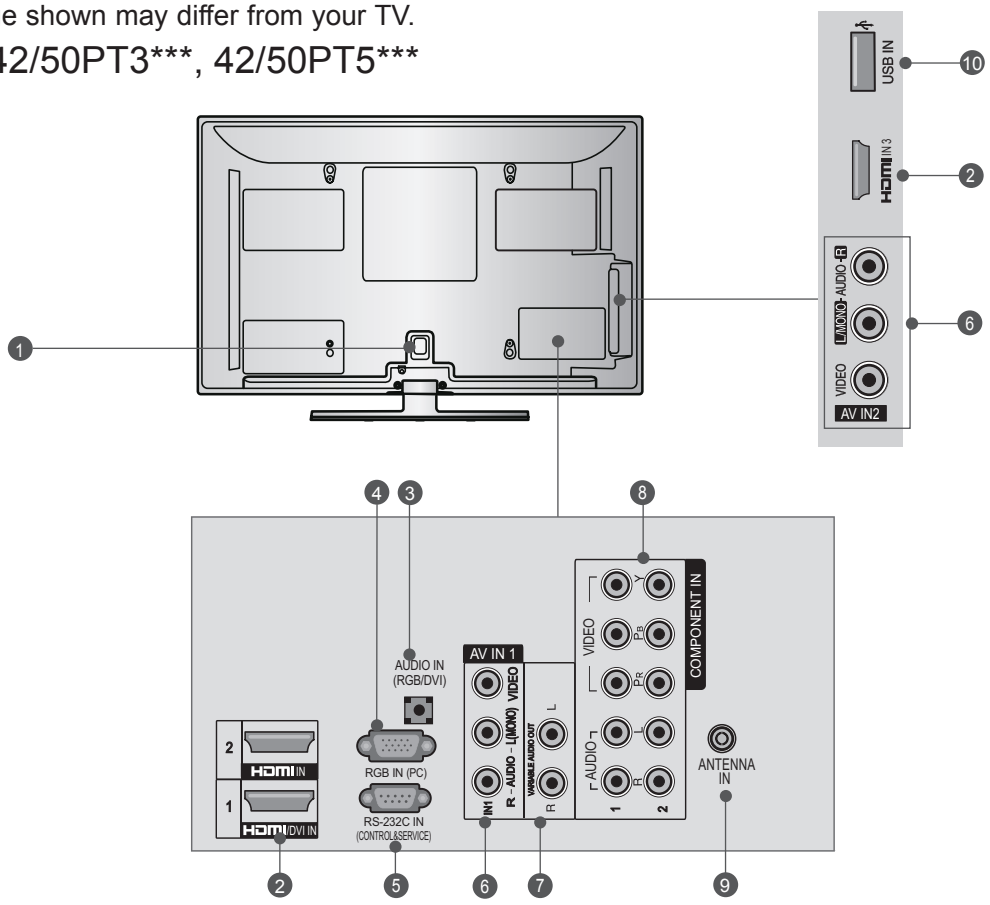
❾ Antenna Input
Connect RF antenna to this jack.

❿ USB Input
Connect USB storage device to this jack.

BACK PANEL INFORMATION

■ Image shown may differ from your TV.

Only 42/50PT3***, 42/50PT5***



❶ Power Cord Socket
This TV operates on an AC power. The voltage is indicated on the Specifications page. Never attempt to operate the TV on DC power.

❷ HDMI Input
Connect an HDMI signal to HDMI IN.
Or DVI(VIDEO)signal to HDMI/DVI port with DVI to HDMI cable.

❸ RGB/DVI Audio Input
Connect the audio from a PC.

❹ RGB Input
Connect the output from a PC.

❺ RS-232C Input (CONTROL&SERVICE) Port
Connect to the RS-232C port on a PC.
This port is used for Service or Hotel mode.

❻ Audio/Video Input (AV IN1/2)
Connect audio/video output from an external device to these jacks.

❼ Variable Audio Output
Connect an external amplifier or add a subwoofer to your surround sound system.

❽ Component Input
Connect a component video/audio device to these jacks.

❾ Antenna Input
Connect RF antenna to this jack.

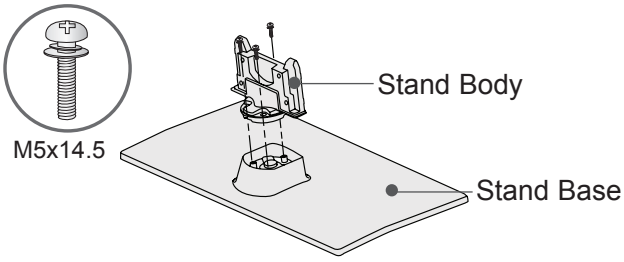
❿ USB Input
Connect USB storage device to this jack.

PREPARATION

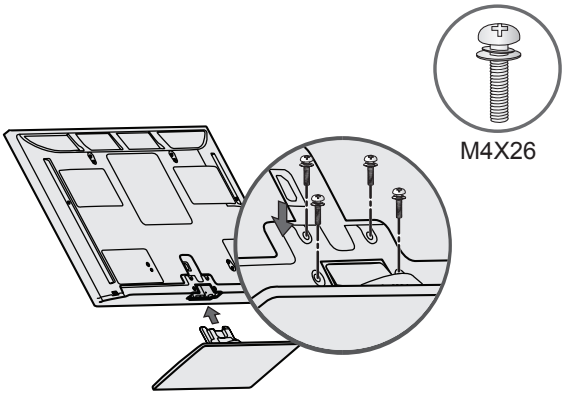
STAND INSTALLATION

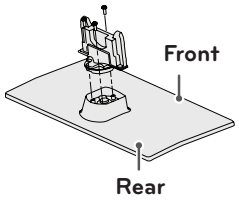
- Image shown may differ from your TV
- When assembling the desk type stand, check whether the bolt is fully tightened. (If not tightened fully, the product can tilt forward after the product installation.) If you tighten the bolt with excessive force, the bolt can deviate from abrasion of the tightening part of the bolt.

1. Carefully place the TV screen side down on a cushioned surface to protect the screen from damage.
2. Assemble the parts of the **Stand Body** with the **Stand Base** of the TV.



3. Assemble the TV as shown.
   Fix the 4 bolts securely using the holes in the back of the TV.



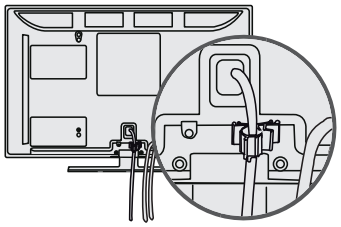


When assembling the stand, make sure to distinguish and assemble the front and rear side of the stand correctly.

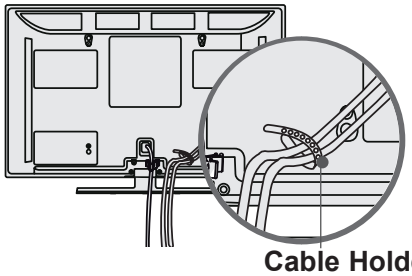
BACK COVER FOR WIRE ARRANGEMENT

- Image shown may differ from your TV.

1. Install the **Power Cord Holder** and **Power Cord**. It will help prevent the power cable from being removed by accident.



2. Gather and bind the cables with the **Cable Holder**.



Cable Holder

⚠CAUTION

- ▶ Do not move the TV by holding the Cable Holder & Power Cord Holder, as the Cable holders may break, and injuries and damage to the TV may occur.

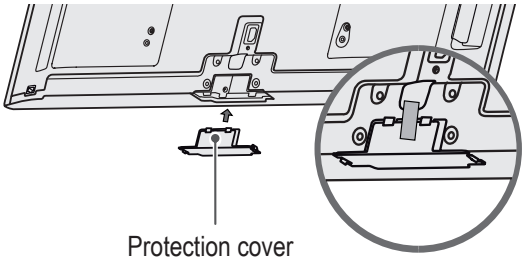
NOT USING THE DESK-TYPE STAND

■ Image shown may differ from your TV.

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

1 Insert the Protection cover into the TV until clicking sound.

2 Attach the protection cover tape.

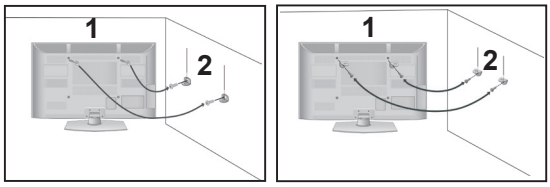


CAREFUL INSTALLATION ADVICE

■ You should purchase necessary components to fix the TV safety and secure to the wall from the market.

■ Position the TV close to the wall to avoid the possibility of it falling when pushed.

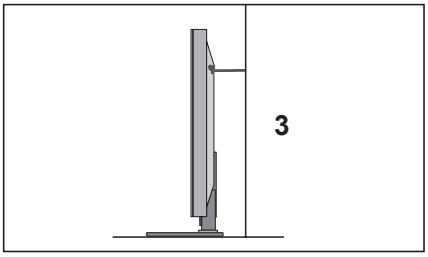
■ The instructions shown below are a safer way to set up the TV, by fixing it to the wall, avoiding the possibility of it falling forwards if pulled. This will prevent the TV from falling forward and causing injury. This will also prevent the TV from damage. Ensure that children do not climb or hang from the TV.



1 Use the eye-bolts or TV brackets/bolts to fix the product to the wall as shown in the picture.
(If your TV has bolts in the eyebolts, loosen then bolts.)

* Insert the eye-bolts or TV brackets/bolts and tighten them securely in the upper holes.

2 Secure the wall brackets with the bolts on the wall. Match the height of the bracket that is mounted on the wall.



3 Use a sturdy rope to tie the product for alignment. It is safer to tie the rope so it becomes horizontal between the wall and the product.

NOTE

► When moving the TV undo the cords first.

► Use a platform or cabinet strong and large enough to support the size and weight of the TV.

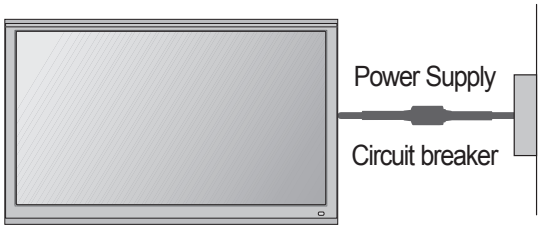
► To use the TV safely make sure that the height of the bracket on the wall and on the TV is the same.

PREPARATION

EARTHING

Ensure that you connect the earth wire to prevent possible electric shock. If grounding methods are not possible, have a qualified electrician install a separate circuit breaker.

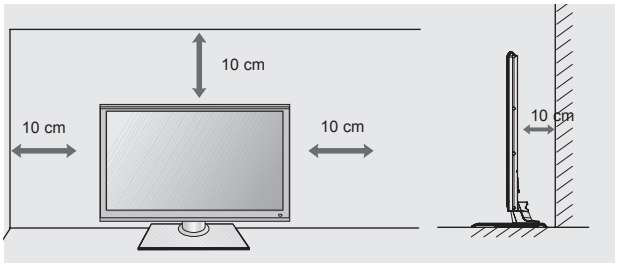
Do not try to earth the TV by connecting it to telephone wires, lightening rods or gas pipes.



- The TV can be installed in various ways such as on a wall, or on a desktop etc.
- The TV is designed to be mounted horizontally.

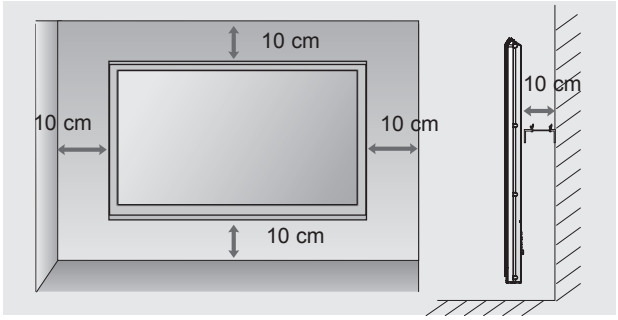
DESKTOP PEDESTAL INSTALLATION

For adequate ventilation allow a clearande of 10 cm (4 Inches) all around the TV.



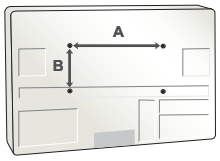
WALL MOUNT : HORIZONTAL INSTALLATION

- We recommend the use of a LG Brand wall mounting bracket when mounting the TV to a wall.
- We recommend that you purchase a wall mounting bracket which supports VESA standard.
- LG recommends that wall mounting be performed by a qualified professional installer.



NOTE

- ► Should Install wall mount on a solid wall perpendicular to the floor.
- ► Should use a special wall mount, if you want to install it to ceiling or slanted wall.
- ► The surface that wall mount is to be mounted on should be of sufficient strength to support the weight of TV set; e.g. concrete, natural rock, brick and hollow block.
- ► Installing screw type and length depends on the wall mount used. Further information, refer to the instructions included with the mount.
- ► LG is not liable for any accidents or damage to property or TV due to incorrect installation:
  - Where a non-compliant VESA wall mount is used.
  - I Incorrect fastening of screws to surface which may cause TV to fall and cause personal injury
  - Not following the recommended Installation method.

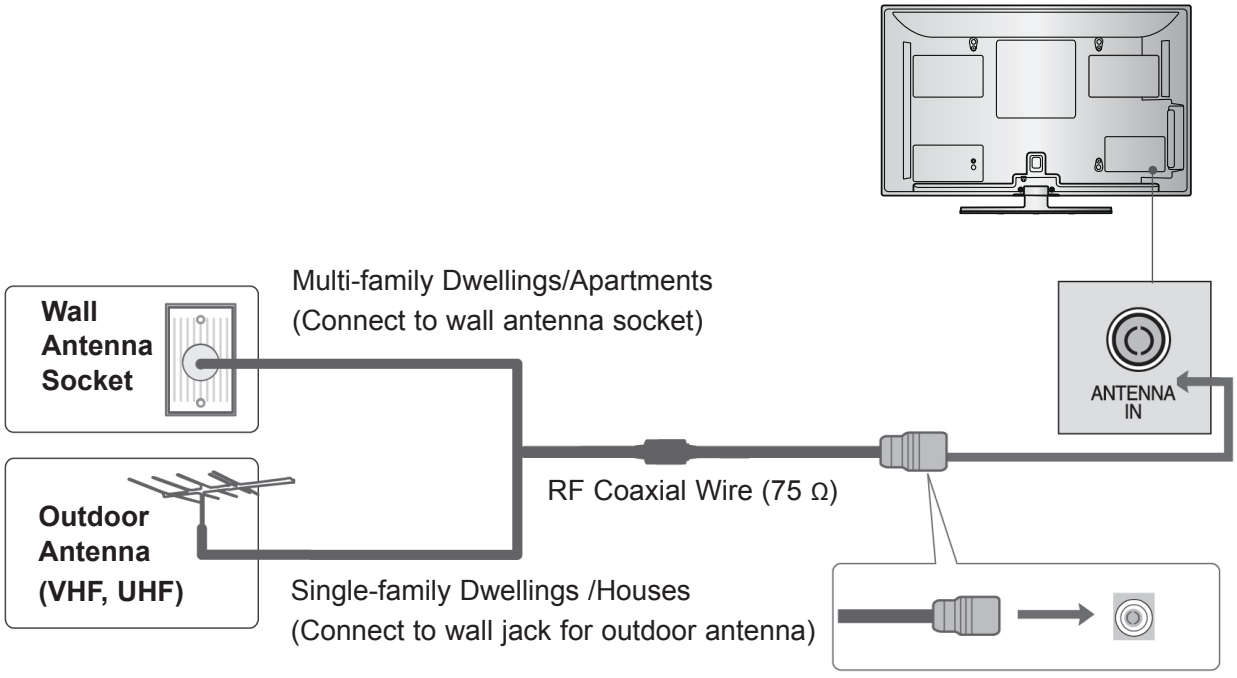


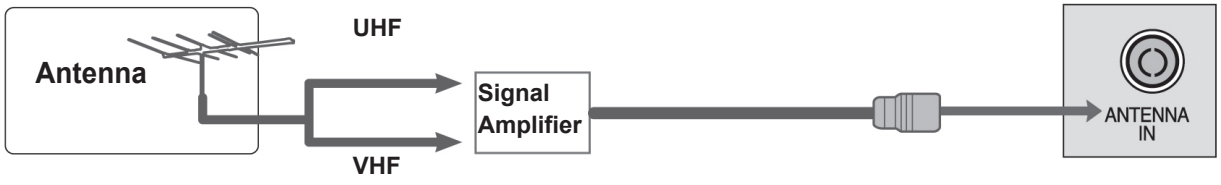
Model	VESA (A * B)	Standard Screw	Quantity
42PT2***	400 * 400	M6	4
50PT2***	400 * 400	M6	4
50PV2***	400 * 400	M6	4
42PT5***	400 * 400	M6	4
50PT5***	400 * 400	M6	4
42PT3***	400 * 400	M6	4
50PT3***	400 * 400	M6	4

■ To prevent damage do not connect to the mains outlet until all connections are made between the devices.

ANTENNA CONNECTION

■ For optimum picture quality, adjust antenna direction.
■ An antenna cable and converter are not supplied.





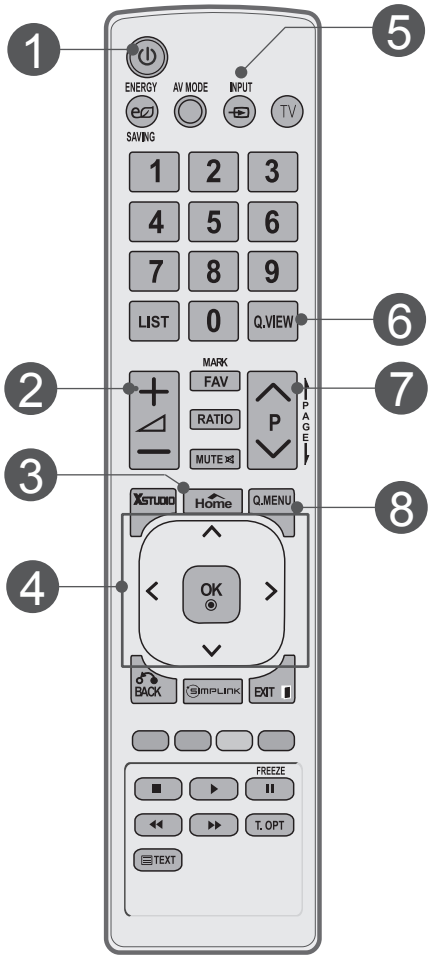
■ In poor signal areas, to achieve better picture quality it may be necessary to install a signal amplifier to the antenna as shown above.
■ If signal needs to be split for two TVs, use an antenna signal splitter for connection.

WATCHING TV / PROGRAMME CONTROL

REMOTE CONTROL KEY FUNCTION

■ Image shown may differ from your TV.

When using the remote control, aim it at the remote control sensor on the TV.



❶ ⏻ **POWER**
Switches the TV on from standby or off to standby.

❷ **VOLUME +/-**
Adjusts the volume.

❸ **Home**
Select a menu.
Clears all on-screen displays and returns to TV viewing from any menu.

❹ **THUMBSTICK(Up / Down / Left / Right)**
Allows you to navigate the on-screen menus and adjust the system settings to your preference.
OK
Accepts your selection or displays the current mode.

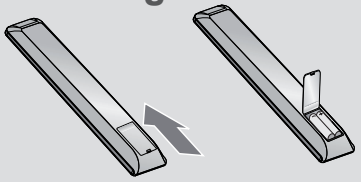
❺ **INPUT**
External input mode rotate in regular sequence.
Switches the TV on from standby.

❻ **Q. VIEW**
Returns to the previously viewed programme.

❼ **PROGRAMME ∧ / ∨**
Selects a programme.

❽ **Q. MENU**
Select the desired quick menu source.

Installing Batteries



■ Open the battery compartment cover on the back and install the batteries matching correct polarity (+with +,-with -).
■ Install two 1.5 V AAA batteries. Do not mix old or used batteries with new ones.
■ Close cover.
■ To remove the batteries, perform the installation a actions in reverse

TURNING ON THE TV

- When your TV is turned on, you will be able to use its features.

1. Firstly, connect the power cord correctly.
   At this stage, the TV switches to standby mode.

2. In standby mode to turn TV on, press the ⏻ **/ I, INPUT** or **P**∧∨ button on the TV or press the **POWER**, **INPUT**, **P** ∧∨ or **NUMBER** button on the remote control and the TV will switch on.

INITIALIZING SETUP

1. If the OSD (On Screen Display) is displayed on the screen after turning on the TV, you can adjust the **Language**, **Mode Setting**, **Auto Tuning**.

Note:

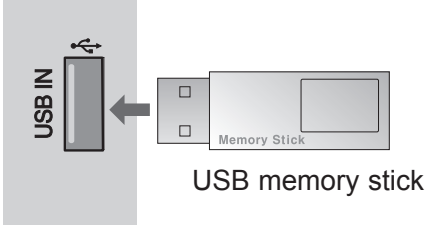
a. If you close without completing the initial setting, the Initial Setting menu can be displayed again.
b. "Store Demo" mode is only for shop display and not for general customer use.
c. "Home Use" mode is the optimal setting for home environments, and is the TV's default mode.
d. "Store Demo" mode is the optimal setting for store environments. If a user modifies image quality data, "Store Demo" mode initializes the product to the image quality set by us after a certain period of time.
e. The mode (Home Use, Store Demo) can be changed by executing Mode Setting in the OPTION menu.

WHEN CONNECTING A USB DEVICE

When you connect a USB device, this pop up menu is displayed, automatically.
"POP UP MENU" will not be displayed while the OSD including Menu is activated.
In USB device, you can not add a new folder or delete the existing folder.

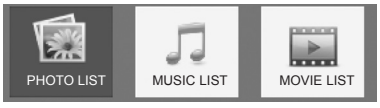
■ Image shown may differ from your TV.

1 Connect the USB device to the **USB IN** jack on the TV.



USB memory stick

2 Select **PHOTO LIST**, **MUSIC LIST** or **MOVIE LIST**.



3 OK

• This TV Supports on JPEG and MP3 and SD DivX.

WHEN REMOVING THE USB DEVICE

Select the USB Device menu before removing the USB device.

1 Q.MENU Select **Eject**.

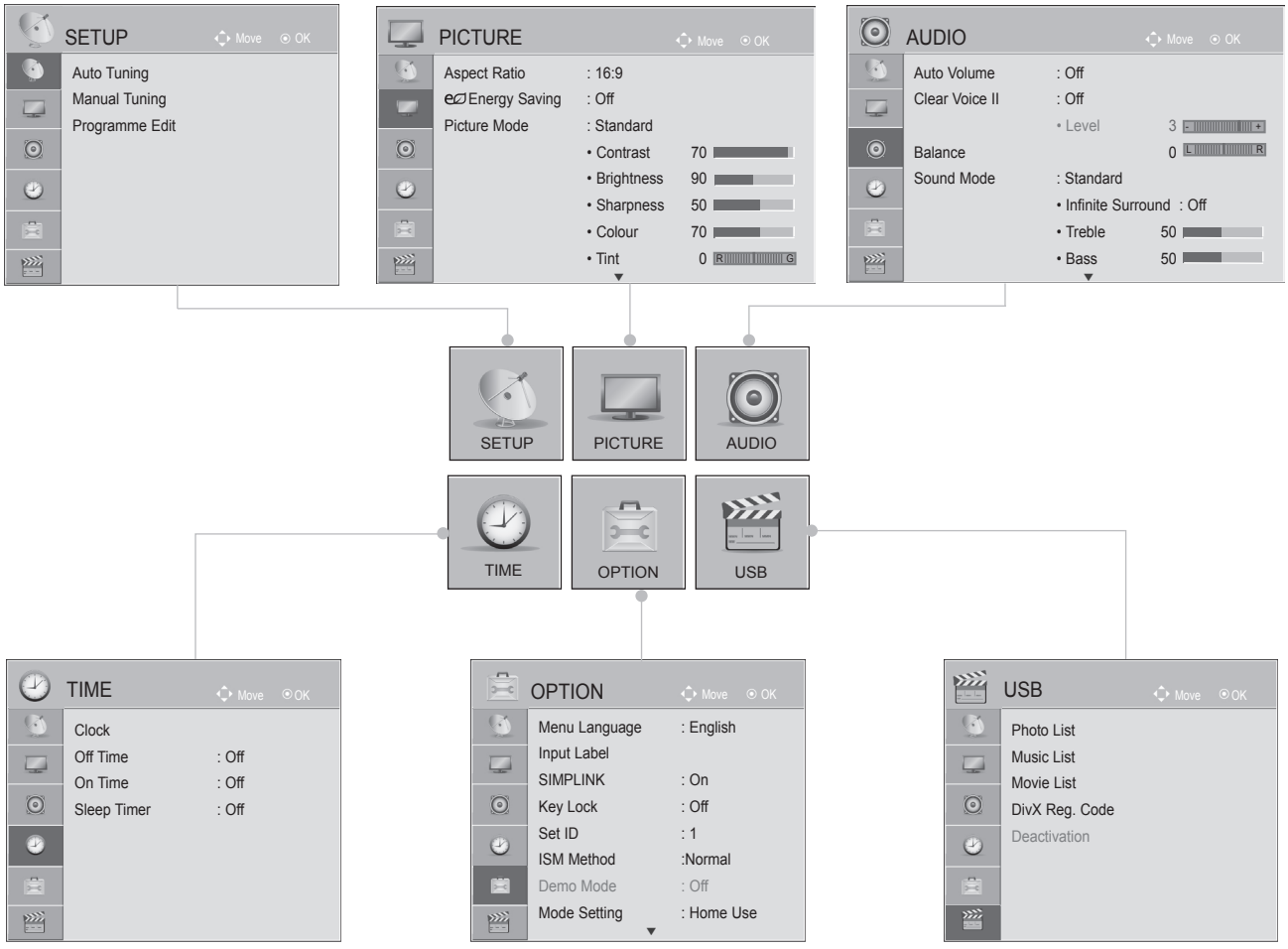
2 OK

WATCHING TV / PROGRAMME CONTROL

ON SCREEN MENUS SELECTION AND ADJUSTMENT

Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual.

■ Image shown may differ from your TV.



1 Home Display each menu.

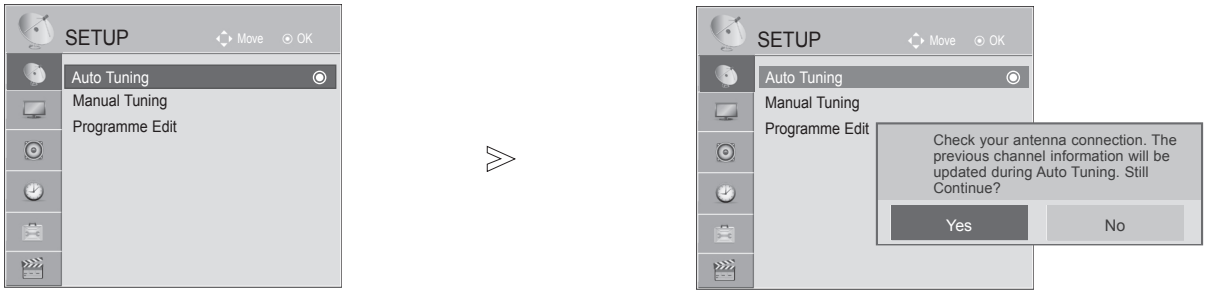
2 OK Select a menu item.

3 OK Move to the pop up menu.

- Press the **Home/EXIT** button to return to normal TV viewing.
- Press the **BACK** button to move to the previous menu screen.

AUTO PROGRAMME TUNING

Use this to automatically find and store all available programmes.
When you start auto programming, all previously stored service information will be deleted.



1 Home Select **SETUP**.

2 OK Select **Auto Tuning**.

3 OK Select **Yes**.

4 OK Run **Auto tuning**.

- If you wish to keep on auto tuning select Yes using the < >button. Then, press the OK button. Otherwise select No.

- Press the **Home/EXIT** button to return to normal TV viewing.
- Press the **BACK** button to move to the previous menu screen.

MAINTENANCE

Early malfunctions can be prevented. Careful and regular cleaning can prolong the life of your new TV.
Caution: Be sure to switch the power off and unplug the power cord before you begin any cleaning.

CLEANING THE SCREEN

1. A good way to keep the dust off your screen for a while is to wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it is almost dry, and then use it to wipe the screen.
2. Ensure there is no excess water on the screen. Allow any water or dampness to evaporate before switching on.

CLEANING THE CABINET

- To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth.
- Do not to use a wet cloth.

EXTENDED ABSENCE

⚠CAUTION

► If you expect to leave your TV dormant for prolonged periods (such as a holiday), unplug the power cord to protect against possible damage from lightning or power surges.

APPENDIX

TROUBLESHOOTING

The TV does not operate properly.	
The remote control does not work	■ Check to see if there is any object between the TV and the remote control causing an obstruction. Ensure you are pointing the remote control directly at the TV. ■ Ensure that the batteries are installed with correct polarity (+ to +, - to -). ■ Install new batteries.
Power is suddenly turned off	■ Is the sleep timer set? ■ Check the power control settings. Has the Power supply been interrupted. ■ If the TV is switched on and there is no input signal, it will switch off automatically after 15 minutes.

The video function does not work.	
No picture & No sound	■ Check whether the TV is switched on. ■ Try another channel. The problem may be with the broadcast. ■ Is the power cord inserted correctly into the mains? ■ Check your antenna direction and/or location. ■ Test the mains outlet by plugging another TV into the same outlet.
Picture appears slowly after switching on	■ This is normal, the image is muted during the TV startup process. Please contact your service centre, if the picture has not appeared after five minutes.
No or poor colour or poor picture	■ Adjust Colour in menu option. ■ Allow a sufficient distance between the TV and the VCR. ■ Try another channel. The problem may be with the broadcast. ■ Are the video cables installed properly? ■ Activate any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	■ Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	■ Station or cable channel experiencing problems, tune to another station. ■ Station signal is weak, reposition the antenna to receive weaker stations. ■ Check for sources of possible interference.
Lines or streaks in pictures	■ Check antenna (Change the position of the antenna).
No picture when connecting HDMI	■ Check that your HDMI cable is High Speed HDMI Cable. If the HDMI cables are not High Speed HDMI Cable, flickering or no screen display can result. Please use the High Speed HDMI Cable.

The audio function does not work.	
Picture OK & No sound	■ Check whether the TV is switched on. ■ Press the ⊿ **+** or **-** button. ■ Sound muted? Press MUTE button. ■ Try another channel. The problem may be with the broadcast. ■ Are the audio cables installed properly?
No output from one of the speakers	■ Adjust **Balance** in menu option.
Unusual sound from inside the TV	■ A change in ambient humidity or temperature may result in an unusual noise when the TV is switched on or off and does not indicate a fault with the TV.
No sound when connecting HDMI or USB	■ Check HDMI cable is High Speed HDMI Cable. ■ Check USB cable over version 2.0.

There is a problem in PC mode. (Only PC mode applied)	
The signal is out of range (Invalid format)	■ Adjust resolution, horizontal frequency, or vertical frequency. ■ Check the input source.
Vertical bar or stripe on background & Horizontal Noise & Incorrect position	■ Use Auto configure or adjust size, phase, or H/V position. (Option)
Screen colour is unstable or single colour	■ Check the signal cable. ■ Reinstall the PC video card.

There is a problem with PICTURE settings.	
When the user changes the picture settings, the TV automatically converts back to the initial settings after a certain period of time.	■ It means that the TV is currently set to **Store Demo** mode. To switch to **Home use** mode you should do the followings: From the TV Menu, choose **OPTION** -> Choose **Mode Setting** -> Choose **Home use**. Now, you have completed switching to the **Home use** mode.

TO VIEW THE USER'S GUIDE ON THE CD-ROM

To view the User's guide on the CD-ROM, Adobe Acrobat Reader must be installed on your PC.
The "ACRORD" folder on the CD-ROM contains the installation program for Acrobat Reader.
If you want to install Acrobat Reader, Open "My Computer" ➜ Open the folder "LG" ➜ Open the folder "ACRORD" ➜ double-click your language.

To view the User 's guide

The User's guide files are included in the supplied CD-ROM.
Load the supplied CD-ROM into the CD-ROM drive of your PC.
After a while, the web page of the CD-ROM will open automatically.(Windows users only)
If the web page does not appear automatically, open the User's guide file directly.
Open "My computer" ➜ Open the folder "LG" ➜ Double click the "index.htm" file.



An extended Owner's Manual that contains information on the advanced features of these LG TV sets is located on the CD- ROM provided in an electronic version.
To read these files, you will need to use a Personal Computer (PC) equipped with a CD- ROM drive.

Record the model number and serial number of the TV.
Refer to the label on the back cover and quote this information to your dealer when requiring any service.

Model : _____

Serial No. : _____