APPENDIX H

: USER'S MANUAL

LG

Life's Good

LCD TV | PLASMA TV
OWNER'S MANUAL

LCD TV MODELS
26LC2R*
32LC2R*

PLASMA TV MODELS
42PC3RV*

Retain it for future reference.
Record model number and serial number of the set.
See the label attached on the back cover and quote
this information to your dealer when you require service.

LG Electronics Inc.

WARNING / CAUTION

WARNING / CAUTION

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

FCC NOTICE

Class B digital device

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

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

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

CAUTION

Do not attempt to modify this product in any way without written authorization from LG Electronics. Unauthorized modification could void the user's authority to operate this product

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WARNING / CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

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

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

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

WARNING/CAUTION

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

WARNING

IMPORTANT SAFETY INSTRUCTIONS

Important safety instructions shall be provided with each apparatus. This information shall be given in a separate booklet or sheet, or be located before any operating instructions in an instruction for installation for use and supplied with the apparatus.

This information shall be given in a language acceptable to the country where the apparatus is intended to be used.

The important safety instructions shall be entitled "Important Safety Instructions". The following safety instructions shall be included where applicable, and, when used, shall be verbatim as follows. Additional safety information may be included by adding statements after the end of the following safety instruction list. At the manufacturer's option, a picture or drawing that illustrates the intent of a specific safety instruction may be placed immediately adjacent to that safety instruction :

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

1 Do not use this apparatus near water

2 Clean only with dry cloth.

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

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

5 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.

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

7 Only use attachments/accessories specified by the manufacturer.

2

WARNING

8 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.

S3125A

9 Unplug this apparatus during lightning storms or when unused for long periods of time.
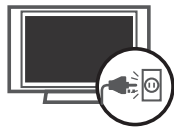
10 Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has exposed to rain or moisture, does not operate normally, or has been dropped.

11 CAUTION concerning the Power Cord :
Most appliances recommend they 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 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 servicer. 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.

12 Outdoor Use Marking :
WARNING - To Reduce The Risk Of Fire Or Electric Shock, Do Not Expose This Appliance To Rain Or Moisture

13 Wet Location Marking : Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on or over apparatus.

3

INTRODUCTION

What is a Plasma TV ?

Using plasma is the best way to achieve flat panel displays with excellent image quality and large screen sizes that are easily viewable. The Plasma TV can be thought of as a descendant of the neon lamp and or a series of fluorescent lamps.

How does it work?

Plasma TV is an array of cells, known as pixels, which are comprised of three sub-pixels, corresponding to the colors red, green, and blue. Gas in a plasma state is used to react with phosphors in each sub-pixel to produce colored light (red, green, or blue). These phosphors are the same types used in Cathode Ray Tube (CRT) devices such as televisions and common computer monitors.

Plasma TV offers a rich, dynamic display because each sub-pixel is individually controlled by advanced electronics to produce over 16 million different colors. This means that you get perfect images that are easily viewable in a display that is fewer than five inches thick.

160˚ - Wide angle range of vision

Your flat panel plasma screen offers an exceptionally broad viewing angle of over 160 degrees. This means that the display is clear and visible to viewers anywhere in the room.

Wide Screen

The wide screen offers a theater-like experience in your own home.

Multimedia

Connect your plasma display to a PC and use it for conferencing, games, and Internet browsing. The Picture-in-Picture feature allows you to view your PC and video images simultaneously.

Versatile

The light weight and thin size makes it easy to install your plasma display in a variety of locations where conventional TVs do not fit.

The Plasma TV Manufacturing Process: a few minute colored dots may be present on the Plasma TV screen

The Plasma TV is composed of 0.9 to 2.2 million cells. A few cell defects will normally occur in the Plasma TV manufacturing process. Several tiny, minute colored dots visible on the screen should be acceptable. This also occurs in other Plasma TV manufacturers' products. The tiny dots appearing does not mean that this Plasma TV is defective. Thus a few cell defects are not sufficient cause for the Plasma TV to be exchanged or returned. Our production technology minimizes these cell defects during the manufacture and operation of this product.

FOR LCD TV

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 monitor'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.

On Disposal

a. The fluorescent lamp used in this product contains a small amount of mercury.

b. Do not dispose of this product with general household waste.

c. Disposal of this product must be carried out in accordance to the regulations of your local authority.

ACCESSORIES

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

Owner's Manual

1.5V 1.5V
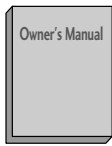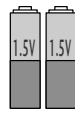
Owner's Manual   **Batteries**   **Remote Control**   **Power Cord**

For 42PC3RV*

2-Wall brackets   **2-eye-bolts**   **2- Bolts for stand assembly (Refer to p.14)**   **Polishing Cloth Polish the screen with the cloth.**

For 26LC2R*/32LC2R*

32LC2R* only

2-TV Bracket Bolts   **2-TV Brackets, 2-Wall Brackets**   **Cable Management (Refer to p.19)**   **Twister Holder Arrange the wires with the twister holder.**   **4-Bolts for stand assembly (Refer to p.15)**
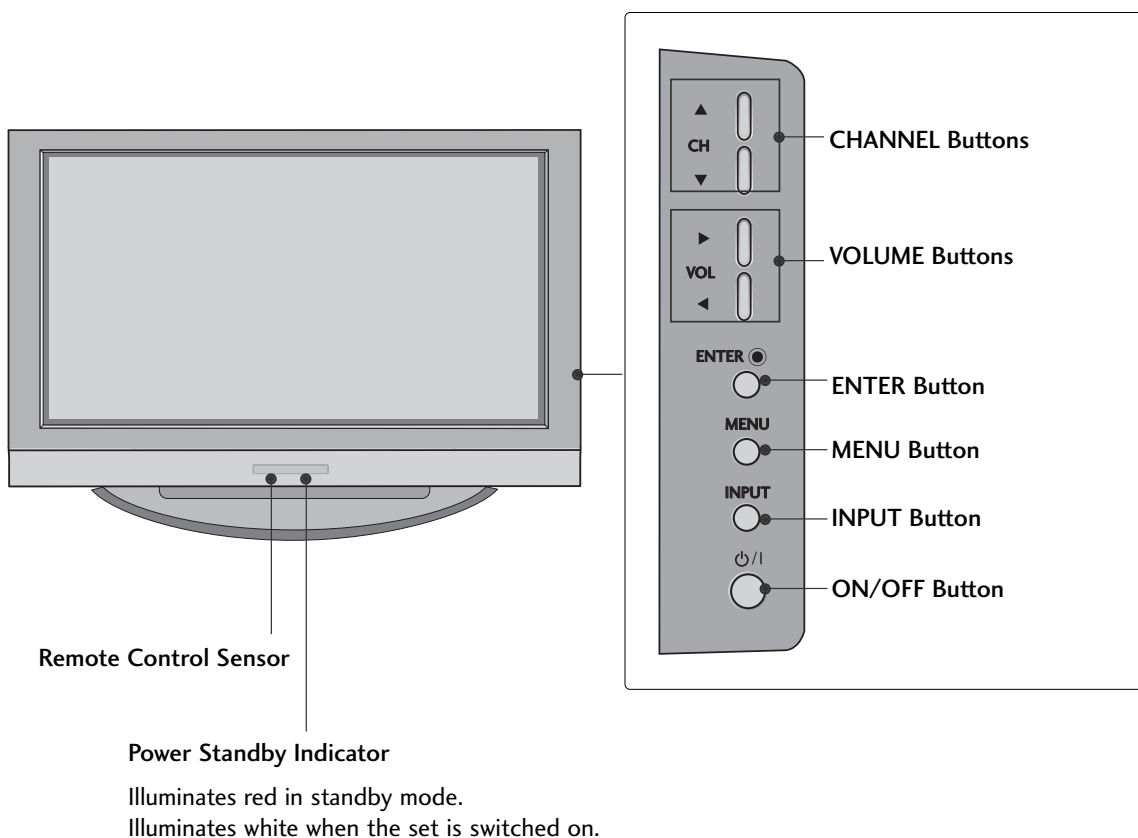
INTRODUCTION

CONTROLS

This is the front panel of models 42PC3RV* TVs.

■ This is a simplified representation of the front panel.

■ Here shown may be somewhat different from your TV.

Front Panel Controls

CHANNEL Buttons

VOLUME Buttons

ENTER Button

MENU Button

INPUT Button

ON/OFF Button

Remote Control Sensor

Power Standby Indicator

Illuminates red in standby mode.
Illuminates white when the set is switched on.

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CONNECTION OPTION

This manual explains the features available on the 42PC3RV* .

Back Connection Panel

AV IN 2
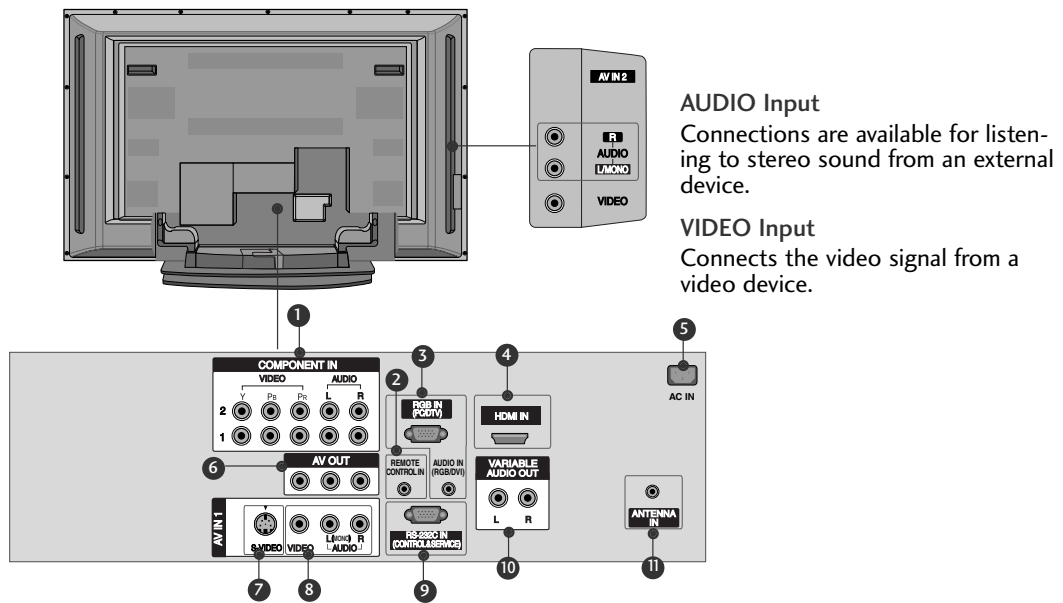
AUDIO Input
Connections are available for listening to stereo sound from an external device.

VIDEO Input
Connects the video signal from a video device.

① **COMPONENT IN**
Connect a component video/audio device to these jacks.

② **Remote Control Port**
Connect your wired remote control.

③ **RGB/AUDIO IN**
Connect the output from a settop box or PC to the appropriate input port

④ **HDMI IN**
Connect a HDMI signal to HDMI port with HDMI cable.

⑤ **Power Cord Socket**
For operation with AC power.
Caution:
Never attempt to operate the TV on DC power.

⑥ **AV OUT**
Connect a second TV or monitor.

⑦ **S-VIDEO**
Connect S-Video out from an S-VIDEO device.

⑧ **AV (Audio/Video) IN 1**
Connect audio/video output from an external device to these jacks.

⑨ **RS-232C IN (CONTROL & SERVICE) PORT**
Connect to the RS-232C port on a PC.

⑩ **Variable Audio Output**
Connect an external amplifier or add a subwoofer to your surround sound system.

⑪ **ANTENNA IN**
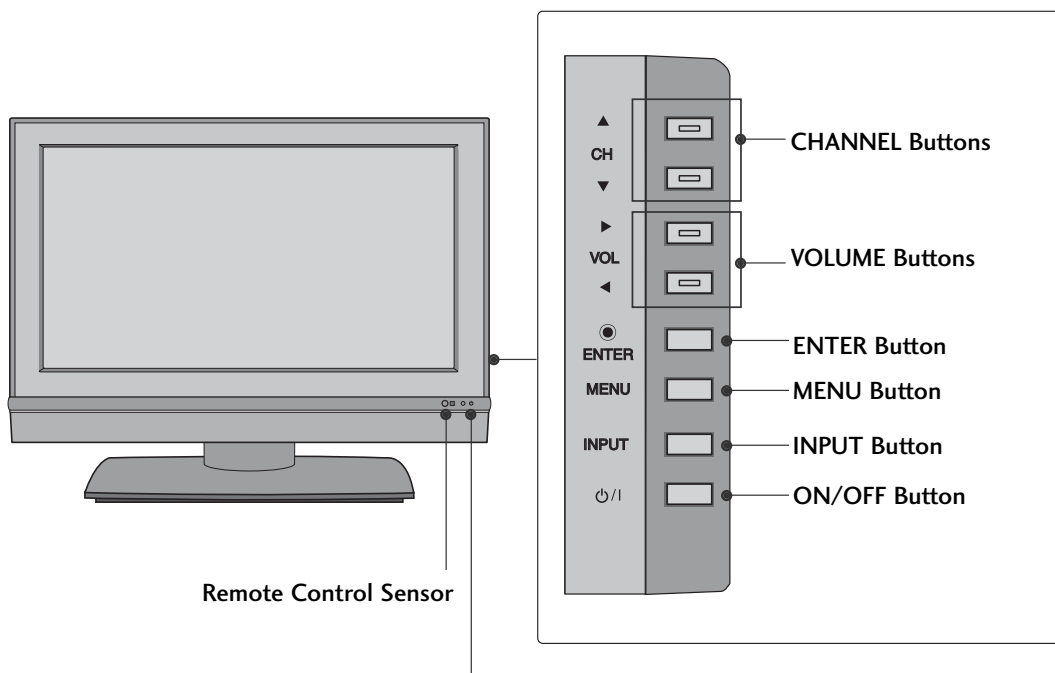Connect over-the air signals to this jack.

INTRODUCTION

CONTROLS

This is the front panel of models 26/32LC2R* TVs.

■ This is a simplified representation of the front panel. Here shown may be somewhat different from your TV.
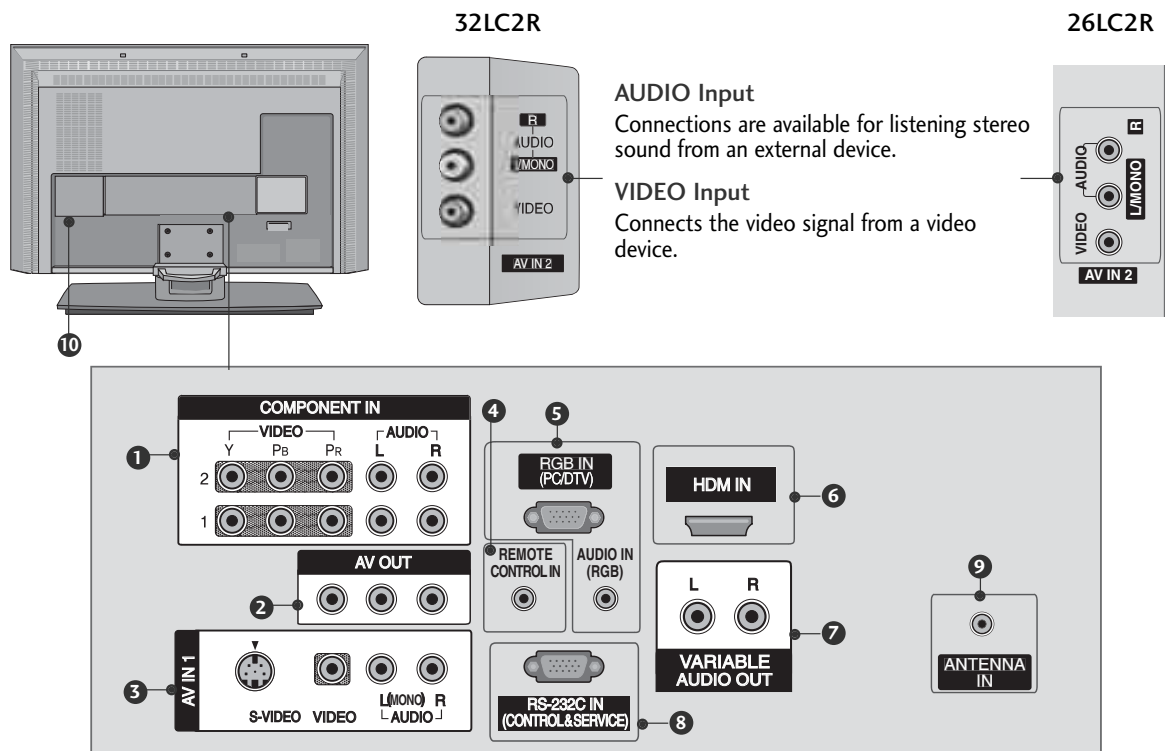
Front Panel Controls

CHANNEL Buttons

VOLUME Buttons

ENTER Button

MENU Button

INPUT Button

ON/OFF Button

Remote Control Sensor

Power Standby Indicator

Illuminates red in standby mode.
Illuminates white when the set is switched on.

CONNECTION OPTIONS

This manual explains the features available on the 26/32C2R* .

Back Connection Panel

32LC2R

26LC2R

AUDIO Input
Connections are available for listening stereo sound from an external device.

VIDEO Input
Connects the video signal from a video device.

① **COMPONENT IN**
Connect a component video/audio device to these jacks.

② **AV OUT**
Connect a second TV or monitor.

③ **AV (Audio/Video) IN 1**
Connect audio/video output from an externa device to these jacks.
S-VIDEO
Connect S-Video out from an S-VIDEO device.

④ **Remote Control Port**
Connect your wired remote control.

⑤ **RGB/AUDIO IN**
Connect the output from a settop box or PC to the appropriate input port.

⑥ **HDMI IN**
Connect a HDMI signal.
Or DVI(VIDEO)signal to the this port with a DVI to HDMI cable.

⑦ **VARIABLE AUDIO OUT**
Connect an external amplifier or add a subwoofer to your surround sound system.

⑧ **RS-232C IN (CONTROL &SERVICE) PORT**
Connect to the RS-232C port on a PC.

⑨ **ANTENNA IN**
Connect over-the air signals to this jack.

⑩ **Power Cord Socket**
For operation with AC power.
Caution: Never attempt to operate the TV on DC power.

REMOTE CONTROL KEY FUNCTIONS

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

POWER	Turns your TV or any other programmed equipment on or off, depending on mode.
TV INPUT	Returns to the TV mode.
INPUT	If you press the button once, the input source OSD will appear on screen as shown. Press the ▲ / ▼ button and then ENTER button to select the desired input source (TV, AV1, AV2, Component 1, Component 2, RGB, or HDMI).

ARC	Change the aspect ratio. ▶ **p.70**
Brightness adjustment	○ Adjusts brightness on screen. ○ It returns to the default settings brightness by changing mode source.

EXIT	Clears all on-screen displays and returns to TV viewing from any menu.
MEMORY/ERASE	Memorizes or erases selected channel. ▶ **p.35**
MENU	Displays the main menu.
MTS	Selects the MTS sound: **Mono**, **Stereo**, or **SAP**. ▶ **p.51**
SLEEP	Select the amount of time before your TV turns off automatically. ▶ **p.56**

VOLUME UP /DOWN	Increases/decreases the sound level.
REVIEW	Tune to the last channel viewed.
MUTE	Switches the sound on or off.
CHANNEL UP/DOWN	Select available channels.
❶ **CAPTION**	Selects CAPTION mode. ▶ **p.60**
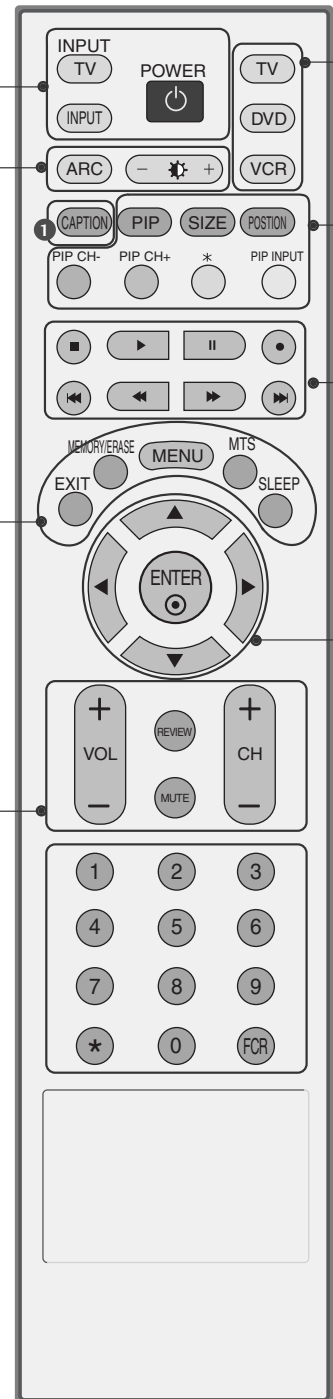
MODE Selects the remote operating mode: TV, VCR, DVD.

PIP Switches the sub picture PIP, DW mode. ▶ **p.31**

SIZE Adjusts the sub picture size. ▶ **p.32**

POSITION Moves the sub picture. ▶ **p.32**

PIP CH - /+ Selects a channel for the sub picture. ▶ **p.31**

∗ Not functional

PIP INPUT Select the connected input source for the sub-picture. ▶ **p.31**

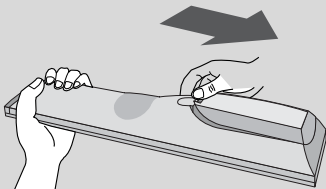**VCR/DVD control buttons** Control video cassette recorders or DVD players.

THUMBSTICK (Up/Down/Left /Right/ENTER) Navigate the on-screen menus and adjust the system settings to your preference.

NUMBER button

∗ Not functional

FCR Scroll through the programmed Favorite channels.

Installing Batteries

■ Open the battery compartment cover on the back side and install the batteries matching correct polarity (+with +,-with -).

■ Install two 1.5V AA batteries. Don't mix old or used batteries with new ones.

■ Close cover.

Remote control effective range
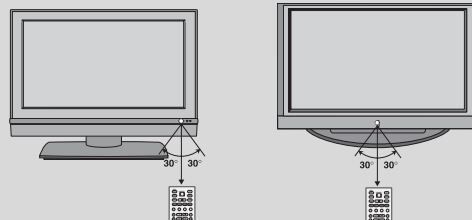
■ Use a remote control up to 7 meters distance and 30 degree (left/right) within the receiving unit scope.

■ Dispose of used batteries in a recycle bin to preserve environment.

INSTALLATION

UNFOLDING THE STAND BASE

1 Place the set with the screen facing down on a cushion or soft cloth as shown.
Before unfolding the stand, please make sure two locks (A) on the bottom of the stand push outward.

(A)
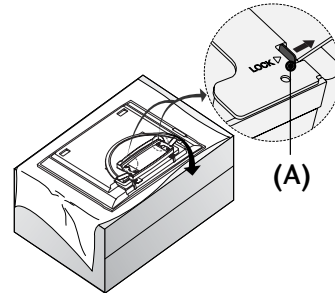
2 Pull the stand out as shown.
After unfolding the stand, please insert and tighten the screws (provided as parts of the product) in the holes (B) on the bottom of the stand.

(B)
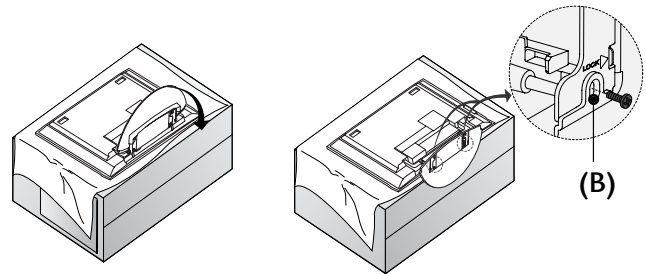
3 When connecting cables to the set, Do not disengage the lock (C).
This may cause the set to fall, causing serious bodily injury and serious damage to the set.

(C)
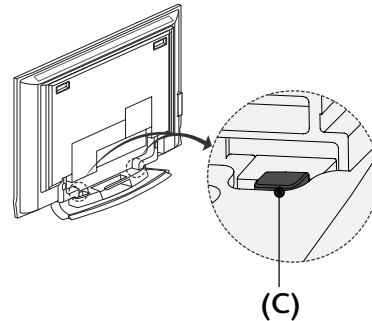
❗ NOTE

Image shown here may be slightly different from your set.

▶ **When closing the stand for storage**

■ First remove the screws in the holes (B) on the bottom of the stand. And then pull two Hooks (D) of the stand bottom and fold the stand into the back of the set.

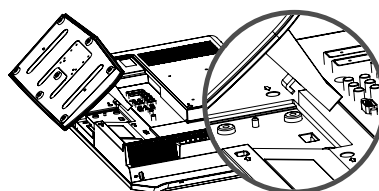■ After folding, push the two Locks (A) of the stand bottom outward.

(A)

(B)

(D)
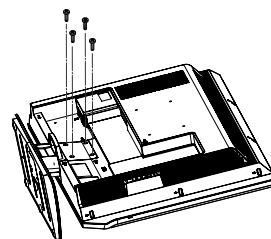
14
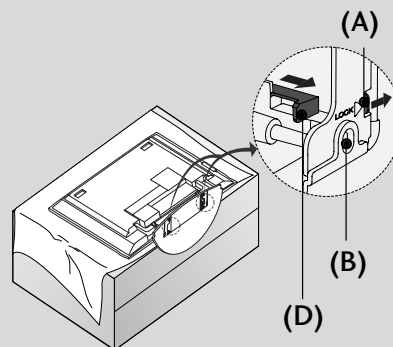
INSTALLATION

STAND INSTALLATION (For 32LC2R*)

① Carefully place the product screen side down on a cushioned surface that will protect product and screen from damage.
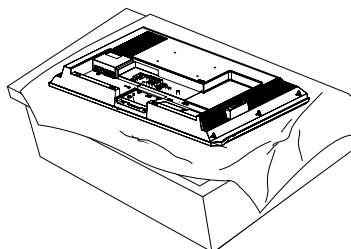
② Place the product stand on the product as shown.

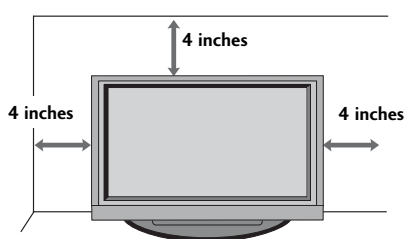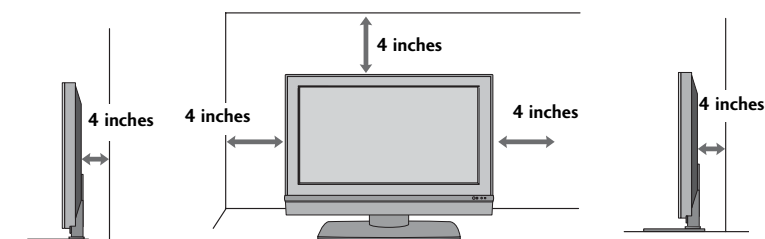③ Install the 4 bolts securely, in the back of the product in the holes provided.

INSTALLATION

DESKTOP PEDESTAL INSTALLATION

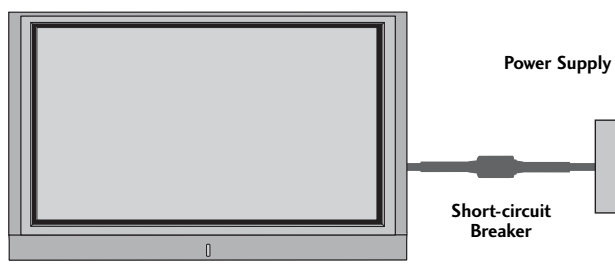For proper ventilation, allow a clearance of 4inches on each side from the wall.

42PC3RV*

4 inches

4 inches   4 inches

4 inches

26/32LC2R*

4 inches

4 inches   4 inches

4 inches

⚠ CAUTION

▶ Ensure adequate ventilation by following the clearance recommendations.

■ Here shown may be somewhat different from your TV.

Power Supply

Short-circuit Breaker

GROUNDING

Ensure that you connect the earth ground 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 ground the unit by connecting it to telephone wires, lightening rods, or gas pipes.

ATTACHING THE TV TO A WALL

We recommend that you set up the TV close to a wall so it cannot fall over if pushed backwards.
Additionally, we recommend that the TV be attached to a wall so it cannot be pulled in a forward direction,
potentially causing injury or damaging the product.
Caution: Please make sure that children don't climb on or hang from the TV.

42PC3RV*
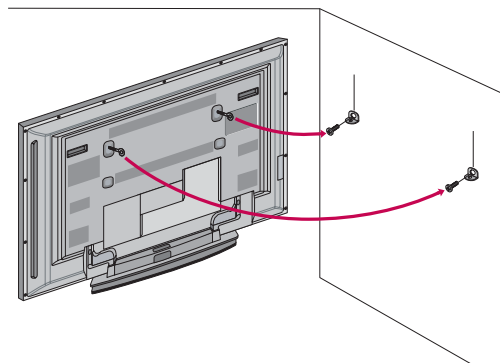
26LC2R*/32LC2R*
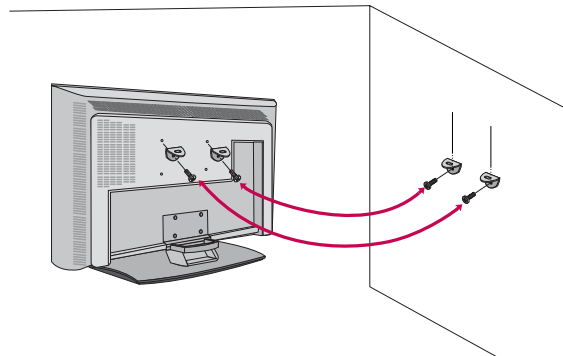
■ Insert the eye-bolts (or TV brackets and bolts) to tighten the product to the wall as shown in the picture.

  * If your product has the bolts in the eye-bolts position before inserting the eye-bolts, loosen the bolts.

  Secure the wall brackets with the bolts (not provided as parts of the product, must purchase separately) on
  the wall. Match the height of the bracket that is mounted on the wall to the holes in the product.

  Ensure the eye-bolts or brackets are tightened securely.
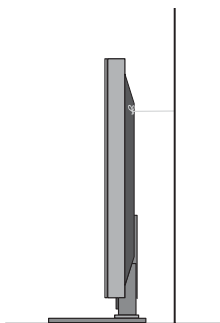
  ■ Use a sturdy rope (not provided as parts of the product, must purchase
    separately) to tie the product. It is safer to tie the rope so it becomes
    horizontal between the wall and the product.

INSTALLATION

BASIC CONNECTION (For 42PC3RV*)

1 Connect the cables as necessary.
After connecting the cables neatly, arrange the cables to the Cable Holder.
To connect an additional equipment, see the **Connections & Setup** section.

2 Arrange the cable as shown.
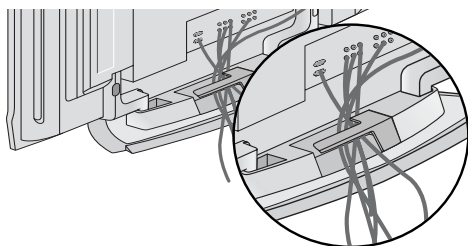
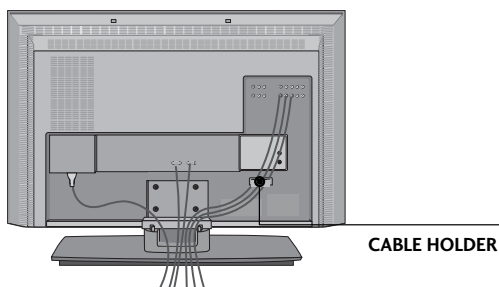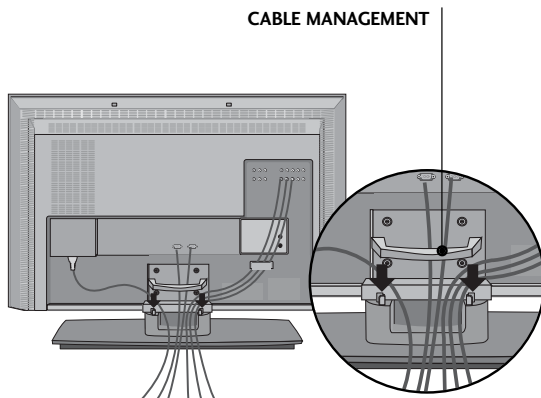# WIRE ARRANGEMENT (Only 26/32LC2R*)

This function explains the features available on the 26/32LC2R.

1 Connect the cables as necessary.
After connecting the cables neatly, arrange the cables to the Cable Holder.
To connect an additional equipment, see the **External equipment Connections** section.

CABLE HOLDER

2 Install the **CABLE MANAGEMENT** as shown.

CABLE MANAGEMENT

How to remove the CABLE MANAGEMENT
▶ Hold the **CABLE MANAGEMENT** with both hands and pull it upward.

3 Bundle the cables using the supplied twister holder.

TWISTER HOLDER
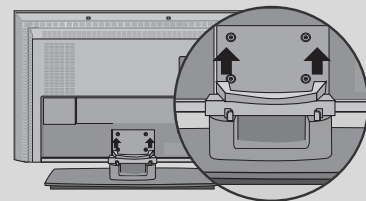
🚫 NOTE
▶ Do not hold the **CABLE MANAGEMENT** when moving the product.
  - If the product is dropped, you may be injured or the product may be broken.

CONNECTIONS & SETUP

ANTENNA CONNECTION

Wall Antenna Socket or Outdoor Antenna without a Cable Box Connections.
For optimum picture quality, adjust antenna direction if needed.

**Multi-family Dwellings/Apartments
(Connect to wall antenna socket)**

Wall Antenna Socket

ANTENNA IN

RF Coaxial Wire (75 ohm)

VHF Antenna

UHF Antenna

Turn clockwise to tighten.

Outdoor Antenna

**Single-family Dwellings /Houses
(Connect to wall jack for outdoor antenna)**
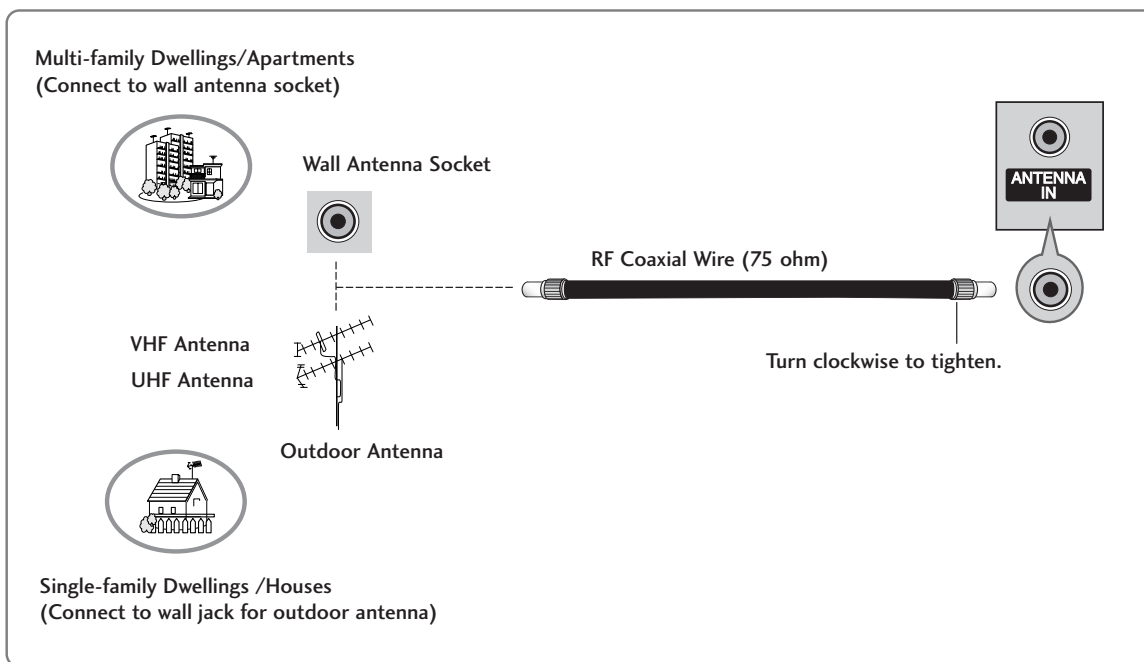
■ **In poor signal areas, to get better picture quality,
install a signal amplifier to the antenna as
shown to the right.**

■ **If signal needs to be split for two TVs, use an
antenna signal splitter for connection.**

VHF   UHF

ANTENNA IN

Signal
Amplifier
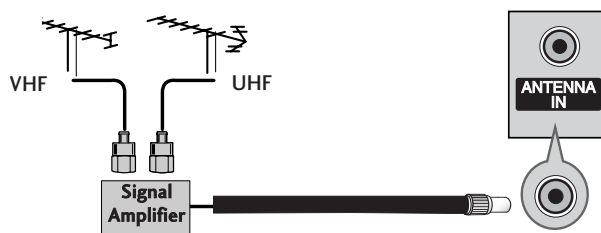
VCR SETUP

■ To avoid picture noise (interference), leave an adequate distance between the VCR and TV
■ If the 4:3 picture format is used; the fixed images on the sides of the screen may remain visible on the screen. This phenomenon is common to all manufactures and in consequence the manufactures warranty does not cover the product bearing this phenomenon.

When connecting with an antenna

1. How to connect

① Connect the RF antenna out socket of the VCR to the **Antenna** socket on the set.
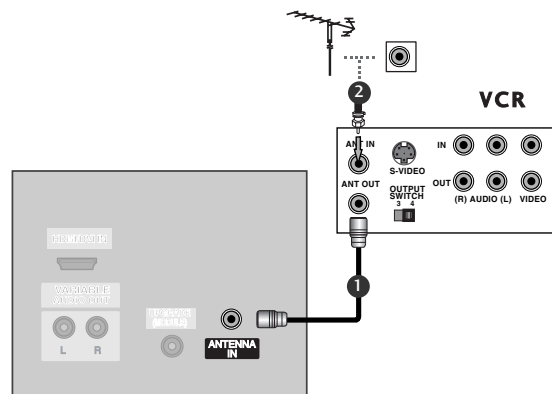
② Connect the antenna cable to the RF antenna in socket of the VCR.

2. How to use

■ Set VCR output switch to 3 or 4 and then tune TV to the same channel number.
■ Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)

When connecting with a RCA cable

1. How to connect

① Connect the **AUDIO/VIDEO** jacks between TV and VCR. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
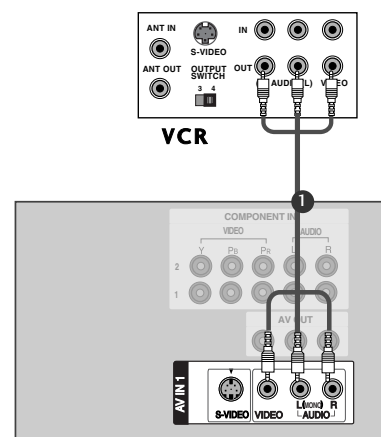
2. How to use

■ Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
■ Select **AV1** input source with using the **INPUT** button on the remote control.
■ If connected to **AV IN2**, select **AV2** input source.

CONNECTIONS & SETUP

VCR SETUP

When connecting with an S-Video cable

1. How to connect

VCR

① Connect the S-VIDEO output of the VCR to the **S-VIDEO** input on the set.

② Connect the audio outputs of the VCR to the **AUDIO** input jacks on the set.

2. How to use

■ Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)

■ Select **AV1** input source with using the **INPUT** button on the remote control.

■ If connected to **AV IN2**, select **AV2** input source.

> **ⓘ NOTE**
>
> ▶ The picture quality is improved: compared to normal composite (RCA cable) input.

> **⚠ CAUTION**
>
> ▶ Do not connect to both Video and S-Video at the same time. In the event that you connect both Video and the S-Video cables, only the S-Video will work.

EXTERNAL EQUIPMENT CONNECTIONS

1. How to connect

① Connect the **AUDIO/VIDEO** jacks between TV and external equipment. Match the jack colors. (Video = yellow, Audio Left = white, and Audio Right = red)

2. How to use

■ Select **AV2** input source with using the **INPUT** button on the remote control.

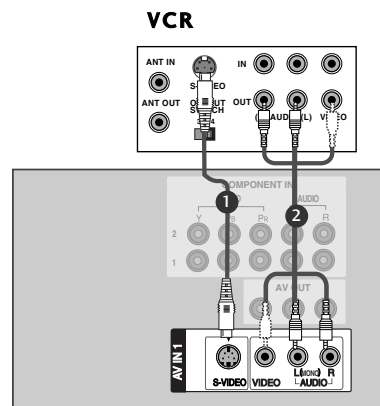■ If connected to **AV IN1** input, select **AV1** input source.

■ Operate the corresponding external equipment.

Camcorder

Video Game Set

CONNECTIONS & SETUP
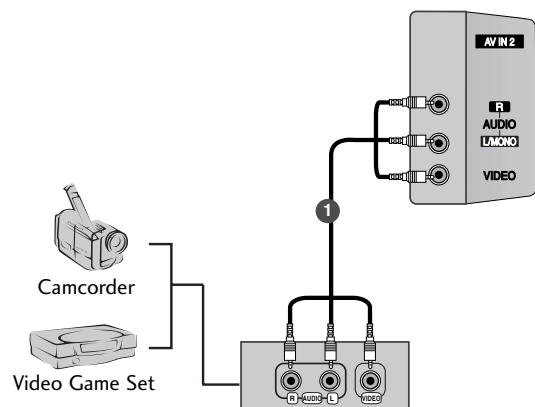
HDSTB SETUP

When connecting with a component cable

1. How to connect

1 Connect the video outputs (Y, P$_B$, P$_R$) of the digital set top box to the **COMPONENT IN VIDEO** jacks on the set. Match the jack colors (Y = green, P$_B$ = blue, and P$_R$ = red).

2 Connect the audio output of the digital set-top box to the **COMPONENT IN AUDIO** jacks on the set.

2. How to use

■ Turn on the digital set-top box.
  (Refer to the owner's manual for the digital set-top box.)

■ Select **Component 2** input source with using the **INPUT** button on the remote control.

■ If connected to **COMPONENT IN1** input, select **Component 1** input source.

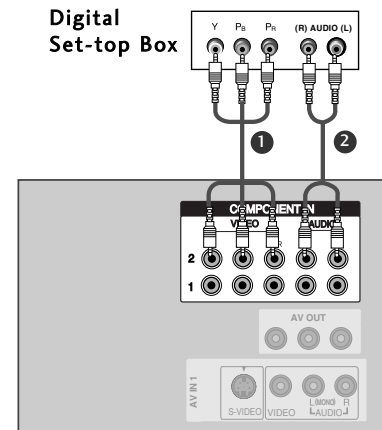| Signal	Component 1/2 HDMI	RGB-DTV
480i	Yes	No
480p/720p/1080i	Yes	Yes

Digital Set-top Box

When connecting with a HDMI to DVI cable

1. How to connect

1 Connect the DVI output of the digital set-top box to the **HDMI IN** jack on the set.

2 Connect the audio output of the digital set-top box to the **AUDIO (RGB/DVI)** jack on the set.

2. How to use

■ Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)

■ Select **HDMI** input source with using the **INPUT** button on the remote control.

Digital Set-top Box

❗ NOTE

▶ If the digital set-top box supports Auto HDMI function, the output resolution of the source device will be automatically set to 1280x720p.

▶ If the digital set-top box player does not support Auto HDMI, you need to set the output resolution appropriately. To get the best picture quality, adjust the output resolution of the source device to 1280x720p.

CONNECTIONS & SETUP

When connecting with a D-sub 15 pin cable

1. How to connect

1 Connect the RGB output of the digital set-top box to the **RGB IN (PC/DTV)** jack on the set.

2 Connect the audio outputs of the set-top box to the **AUDIO IN (RGB/DVI)** jack on the set.

2. How to use

- Turn on the digital set-top box.
  (Refer to the owner's manual for the digital set-top box.)

- Select **RGB-DTV** input source with using the **INPUT** button on the remote control.

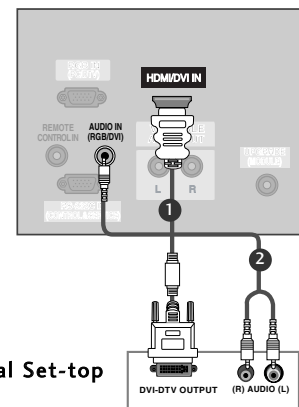## When connecting with a HDMI cable

1. How to connect

1 Connect the digital set-top box to **HDMI IN** jack on the set.

2 No separated audio connection is necessary.

2. How to use

- Turn on the digital set-top box.
  (Refer to the owner's manual for the digital set-top box.)

- Select **HDMI** input source with using the **INPUT** button on the remote control.

❗ NOTE

► If the digital set-top box supports Auto HDMI function, the output resolution of the source device will be automatically set to 1280x720p.

► If the digital set-top box player does not support Auto HDMI, you need to set the output resolution appropriately.
  To get the best picture quality, adjust the output resolution of the source device to 1280x720p.
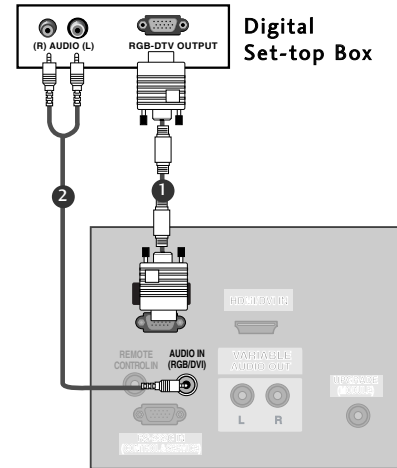
CONNECTIONS & SETUP

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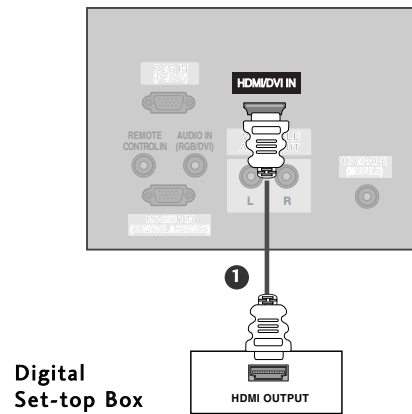
PC SETUP

■ This TV provides Plug and Play capability, meaning that the PC adjusts automatically to the TV's settings.

When connecting with a D-sub 15 pin cable

1. How to connect

① Connect the RGB output of the PC to the **RGB IN (PC/DTV)** jack on the set.

② Connect the PC audio output to the **AUDIO IN (RGB/DVI)** jack on the set.

2. How to use

■ Turn on the PC and the set.

■ Select **RGB-PC** input source with using the **INPUT** button on the remote control.

> ### ❗ NOTE
>
> ▶ Check the image on your TV. There may be noise associated with the resolution, vertical pattern, contrast or brightness in PC mode. 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 VIDEO menu until the picture is clear. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult the manufacturer of the PC graphic card.
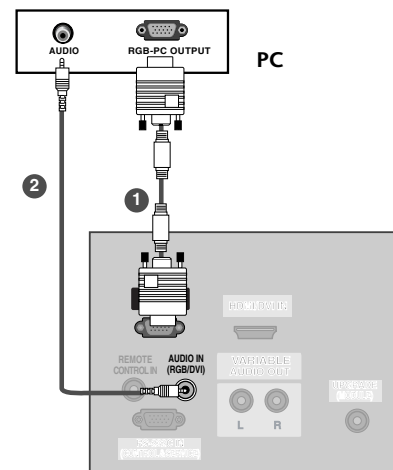
CONNECTIONS & SETUP

❗ NOTE

▶ To get the the best picture quality, adjust the PC graphics card to 640x480, 60Hz (42PC3RV) /1360x768, 60Hz (26/32LC2R).

▶ Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use.

▶ When Source Devices connected with HDMI Input, output TV SET Resolution (480p, 720p, 1080i) and TV SET Display fit EIA/CEA-861-B Specification to Screen. If not, refer to the Manual of HDMI Source Devices or contact your service center.

▶ If the HDMI Source Device is not connected to the Cable or if there is a poor cable connection, "No signal" is displayed in the HDMI Input. In this case, that Video Resolution is not supported. If "Invalid Format" is displayed, refer to the Source Device manual or contact your service center.

▶ 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.

▶ When you use too long RGB-PC cable, there might be a noise on the screen. We recommend using under 5m of the cable. It provides the best picture quality.

▶ This set does not support HDMI-PC

Supported Display Resolution (RGB[PC] mode) (26/32LC2R)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
640x350	31.5	70.1
720x400	31.5	70.1
640x480	31.5	59.9
800x600	37.9	60.3
1024x768	48.4	60.0
1280x768	47.8	59.9
1360x768	47.7	59.8
1366x768	47.7	59.8

Supported Display Resolution (RGB[PC] mode) (42PC3RV)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
640x350	31.5	70.1
720x400	31.5	70.1
640x480	31.5	59.9
848x480	31.5	60.0
852x480	31.5	60.0
800x600	37.9	60.3
1024x768	48.4	60.0

BASIC OPERATION

TURNING THE TV ON

1 First, connect power cord correctly.
At this moment, the TV switches to standby mode.

■ In standby mode to turn TV on, press the ⏻/I , **INPUT,
CH ▲ / ▼** button on the TV or press the **POWER, TV,
INPUT, CH +/-, Number(0~9)** button on the remote
control and then the TV will switch on.

CHANNEL SELECTION

1 Press the **CH +/-** or **NUMBER** buttons to select a
channel number.

VOLUME ADJUSTMENT

Adjust the volume to suit your personal preference.

1 Press the **VOL +/-** button to adjust the volume.

2 If you want to switch the sound off, press the **MUTE** button.

3 You can cancel the Mute function by pressing the **MUTE** or
VOL +/- or **MTS** button.

> **❶ NOTE**
> ► If you intend to be away on vacation, disconnect the power plug from wall power outlet.

BASIC OPERATION

ON-SCREEN MENUS LANGUAGE SELECTION

The menus can be shown on the screen in the selected language.
First select your language.

1 Press the **MENU** button and then use ▲ or ▼ button to select the **Special** menu.

2 Press the ▶ button and then use ▲ or ▼ button to select **Language.**

3 Press the ▶ button and then use ▲ or ▼ button to select your desired language.
From this point on, the on-screen menus will be shown in the selected language.

4 Press the **EXIT** button to return to TV viewing or press **MENU** to return to the previous menu.

SPECIAL FUNCTIONS | PIP / Twin Picture

PIP lets you view 2 different inputs (sources) on your TV screen at the same time. One source will be large, and the other source will show a smaller inset image.

Twin Picture mode splits the screen into two images, allowing two picture sources to be shown on the TV screen at the same time. Each source is given half the screen.

PIP function is available in the Component, RGB, HDMI mode. (But, it can't adjust 480i resolution of Component/HDMI mode.)

Watching PIP/Twin Picture

Press the **PIP** button to access the sub picture.
Each press of PIP changes the PIP options as shown below.

PIP Mode   **Twin Picture Mode**

PIP Off
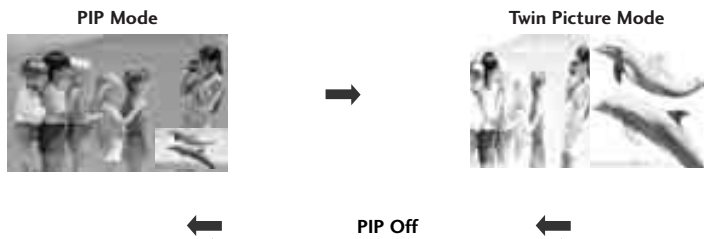
TV Program Selection for PIP

1   Use the **PIP CH +/-** button to select a channel for the sub picture.

The selected channel number is displayed just below the channel number of main picture.

Selecting an Input Signal Source for PIP/Twin Picture

Use the **PIP INPUT** button to select the input source for the sub picture.
Each press of **PIP INPUT** button changes the PIP source.
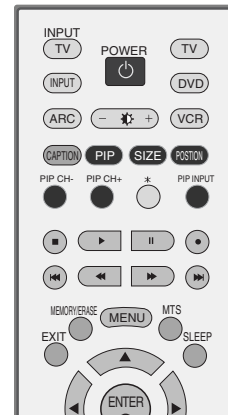
Sub Picture Size Adjustment (PIP mode only)

Press the **SIZE** button to adjust the sub picture size.

With **SIZE** button in PIP mode, sub picture is adjusted.

Moving the Sub Picture (PIP mode only)

Press the **POSITION** button.

Repeatedly press the **POSITION** button then sub picture moves.

APPENDIX

EXTERNAL CONTROL DEVICE SETUP

Connect the RS-232C (serial port) input jack to an external control device (such as a computer or an A/V control system) to control the product's functions externally.
Connect the serial port of the control device to the RS-232C jack on the product back panel.
Note: RS-232C connection cables are not supplied with the product.

RS-232C Setup
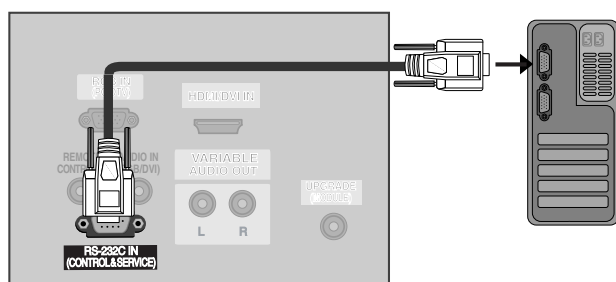
Type of Connector; D-Sub 9-Pin Male

No.	Pin Name
1	No connection
2	RXD (Receive data)
3	TXD (Transmit data)
4	DTR (DTE side ready)
5	GND
6	DSR (DCE side ready)
7	RTS (Ready to send)
8	CTS (Clear to send)
9	No Connection

APPENDIX

RS-232C Configurations

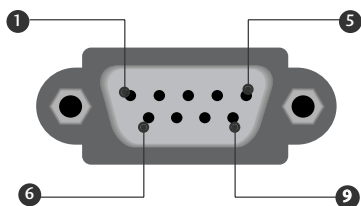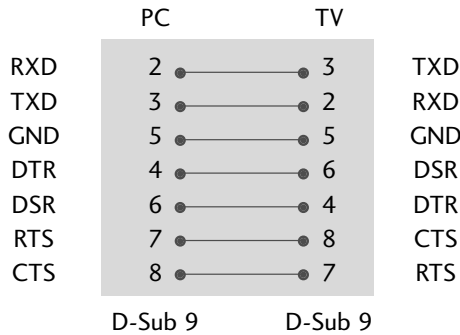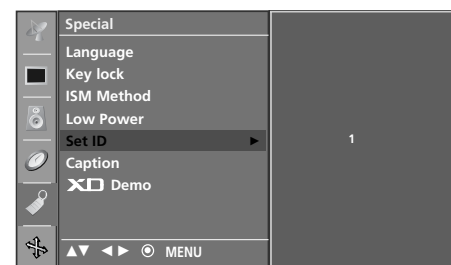| 7-Wire Configurations (Standard RS-232C cable)				3-Wire Configurations(Not standard)			
	PC	**TV**			**PC**	**TV**	
RXD	2 ———— 3		TXD	RXD	2 ●——● 3		TXD
TXD	3 ———— 2		RXD	TXD	3 ●——● 2		RXD
GND	5 ———— 5		GND	GND	5 ●——● 5		GND
DTR	4 ———— 6		DSR	DTR	4 6		DTR
DSR	6 ———— 4		DTR	DSR	6 4		DSR
RTS	7 ———— 8		CTS	RTS	7 7		RTS
CTS	8 ———— 7		RTS	CTS	8 8		CTS
	D-Sub 9	D-Sub 9			D-Sub 9	D-Sub 9	
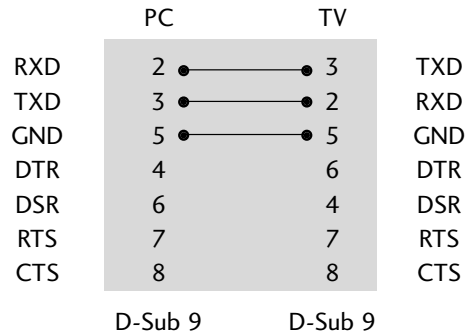
Set ID

Use this function to specify a TV ID number.
Refer to 'Real Data Mapping 1'. ▶ **p.78**.

① Press the **MENU** button and then use ▲ or ▼ button to select the **Special** menu.

② Press the ▶ button and then use ▲ or ▼ button to select **Set ID**.

③ Press the ▶ button and then use ◀ / ▶ button to adjust **Set ID** to choose the desired TV ID number. The adjustment range of Set ID is 1~99.

④ Press **EXIT** button to return to TV viewing or press **MENU** button to return to the previous menu.

Special
- Language
- Key lock
- ISM Method
- Low Power
- Set ID ▶
- Caption
- **XD** Demo

▲▼ ◀▶ ◉ MENU

1
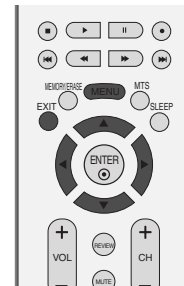
Communication Parameters

- Baud rate : 9600 bps (UART)
- Data length : 8 bits
- Parity : None
- Stop bit : 1 bit
- Communication code : ASCII code
- Use a crossed (reverse) cable.

APPENDIX

APPENDIX

TROUBLESHOOTING CHECKLIST

The operation does not work normally.

The remote control doesn't work	▪ Check to see if there is any object between the product and the remote control causing obstruction. ▪ Are batteries installed with correct polarity (+ to +, - to -)? ▪ Correct remote operating mode set: TV, VCR etc.? ▪ Install new batteries.
Power is suddenly turned off	▪ Is the sleep timer set? ▪ Check the power control settings. Power interrupted ▪ No broadcast on station tuned with Auto off activated.

The video function does not work.

No picture & No sound	▪ Check whether the product is turned on. ▪ Try another channel. The problem may be with the broadcast. ▪ Is the power cord inserted into wall power outlet? ▪ Check your antenna direction and/or location. ▪ Test the wall power outlet, plug another product's power cord into the outlet where the product's power cord was plugged in.
Picture appears slowly after switching on	▪ This is normal, the image is muted during the product startup process. Please contact your service center, if the picture has not appeared after five minutes.
No or poor color or poor picture	▪ Adjust Color in menu option. ▪ Keep a sufficient distance between the product 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 product experiencing problems, tune to another station. ▪ Station signal is weak, reorient antenna to receive weaker station. ▪ Check for sources of possible interference.
Lines or streaks in pictures	▪ Check antenna (Change the direction of the antenna).

The audio function does not work.	
Picture OK & No sound	■ Press the **VOL +/- (or Volume)** 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 product	■ A change in ambient humidity or temperature may result in an unusual noise when the product is turned on or off and does not indicate a fault with the product.

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

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APPENDIX

MAINTENANCE

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the Screen

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.

2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the Cabinet

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

Extended Absence

⚠ CAUTION

▶ If you expect to leave your TV dormant for a long time (such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

PRODUCT SPECIFICATIONS

MODELS		26LC2R (26LC2R-UJ)	32LC2R (32LC2R-UJ)
Dimensions (Width x Height x Depth)	including stand	26.8 x 21.3 x 6.8 inches 681.0 x 542.0 x 172.0 mm	31.9 x 24.8 x 9.3 inches 811.0 x 630.0 x 235.0 mm
	excluding stand	26.8 x 19.3 x 4.6 inches 681.0 x 490.8 x 119.0 mm	31.9 x 22.3 x 4.9 inches 811.0 x 566.8 x 123.5 mm
Weight	including stand excluding stand	40.8 pounds / 18.5 kg 33.5 pounds / 15.2 kg	48.2 pounds / 21.9 kg 40.8 pounds / 18.5 kg
Power requirement Television System Program Coverage External Antenna Impedance		AC100-240V -50/60Hz, 1.3A	AC100-240V -50/60Hz, 1.5A
		NTSC VHF 2 ~ 13, UHF 14 ~ 69, CATV 1 ~ 135 75 ohm	
Environment condition	Operating Temperature Operating Humidity	32 ~ 104˚F (0 ~ 40˚C) Less than 80%	
	Storage Temperature Storage Humidity	-4 ~ 140˚F (-20 ~ 60˚C) Less than 85%	

■ The specifications shown above may be changed without prior notice for quality improvement.

PRODUCT SPECIFICATIONS

MODELS		42PC3RV (42PC3RV-UJ)
Dimensions (Width x Height x Depth)	including stand	44.4 x 29.5 x 15.0 inches 1129.0 x 748.5 x 380.0 mm
	excluding stand	44.4 x 27.4 x 4.1 inches 1129.0 x 695.0 x 103.7 mm
Weight	including stand excluding stand	62.6 pounds / 28.4 kg 54.0 pounds / 24.5 kg
Power requirement Television System Program Coverage External Antenna Impedance		AC100-240V -50/60Hz, 2.8A NTSC VHF 2 ~ 13, UHF 14 ~ 69, CATV 1 ~ 135 75 ohm
Environment condition	Operating Temperature Operating Humidity	32 ~ 104°F (0 ~ 40°C) Less than 80%
	Storage Temperature Storage Humidity	-4 ~ 140°F (-20 ~ 60°C) Less than 85%

■ The specifications shown above may be changed without prior notice for quality improvement.