



LCD TV

MODELS: 26LC2D

PLASMA TV

MODELS: 50PC3D
60PC1D

OWNER'S MANUAL



Internet Home Page : <http://www.lge.com>
<http://www.lg.ca>

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



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

Please read this manual carefully before operating your set. 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.

P/NO : 38289U0527F
Printed in Korea

Warning



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



WARNING:

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.

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.

REGULATORY INFORMATION

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 into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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 Corporation. Unauthorized modification could void the user's authority to operate this product.

COMPLIANCE:

The responsible party for this device compliance is:
Zenith Electronics Corporation
1-201-816-2000

Marked and Distributed in the United States by LG Electronics U.S.A., Inc.
1000 Sylvan Avenue, Englewood Cliffs, NJ 07632
<http://www.zenith.com>

Safety Instructions

WARNING :

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.

IMPORTANT SAFETY INSTRUCTIONS

1. Read these instructions.

2. Keep these instructions.

3. Heed all warnings.

4. Follow all instructions.



5. Do not use this apparatus near water.



6. Clean only with a dry cloth.



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

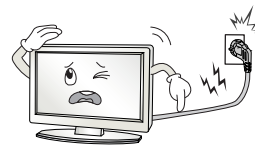


8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.



9. 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 is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.

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

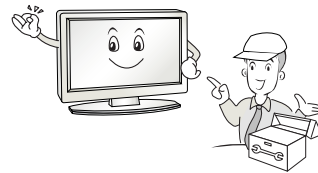


11. Only use the attachments / accessories specified by the manufacturer.

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



14. 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.



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



15. DISCONNECTING DEVICE FROM MAINS

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

Note

- If the TV feels cold to the touch, there may be a small “flicker” when 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.

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.

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

Contents

Introduction		2	Warnings
		3~4	Safety Instructions
		7	Accessories
		8	Controls (Model Name: 50PC3D / 60PC1D)
		9	Connection Options (Model Name: 50PC3D / 60PC1D)
		10	Controls (Model Name: 26LC2D)
		11	Connection Options (Model Name: 26LC2D)
		12~13	Remote Control Key Functions
		<hr/>	
		Installation	External Equipment Connections
15	Desktop Pedestal Installation		
<hr/>			
16	Antenna or Cable Connection		
17~18	VCR Setup		
18	External AV Source Setup		
19~20	DVD Setup		
21~22	HDSTB Setup		
23	AV Out Setup		
23	Digital Audio Output		
24~26	PC Setup		
<hr/>			
Operation	Basic operation	27	Turning on the TV
		27	Volume Adjustment
		27	Channel Selection
		27	On Screen Menus Language Selection
		28	On Screen Menus Selection and Adjustment
	<hr/>		
	Setup Menu Options	29	EZ Scan (Channel Search)
		29	Manual Scan
		30	Channel Edit
		31	DTV Signal Strength
		31	Input Source
	32	Input Label	
	<hr/>		
	Video Menu Options	33	Auto Picture Control(EZ Picture)
		33~34	Color Temperature Control
		35	XD
		36	Advanced-Cinema 3:2 Mode / Black Level
		37	Video Reset
	<hr/>		
Audio Menu Options	38	Audio Language	
	38	Auto Volume Leveler(EZ SoundRite)	
	39	Auto Sound Control(EZ Sound)	
	39~40	Manual Sound Control (EZ Sound-User option)	
	41	Balance	
41	TV Speakers On/Off Setup		

Operation	Time Menu Options	42	Auto Clock Setup
	Option Menu Features	42	Manual Clock Setup
		43	On/Off Timer Setup
43		Sleep Timer	
44		Auto Off	
45		Aspect Ratio Control	
Lock Menu Options	46	Caption/Text	
	47	Caption Option	
	47	Low Power (50PC3D / 60PC1D only)	
	48	ISM (Image Sticking Minimization) Method (50PC3D / 60PC1D only)	
		49~50	Parental Lock Setup
Reference		51~56	External Control Device Setup
		57~58	IR Codes
		59	Programming the Remote
		60~61	Programming Codes
		62~63	Troubleshooting Checklist
		64	Maintenance
		65	Product Specifications

Introduction

Accessories

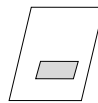
Ensure that the following accessories are included with your TV. If any accessory is missing, please contact the dealer from where you purchased the product.



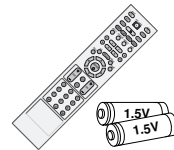
Power Cord



75Ω Round Cable



Owner's Manual

Remote Control /
Batteries

For 50PC3D / 60PC1D



2-Wall brackets



2-eye-bolts

For 26LC2D

2-TV brackets
2-Wall bracketsTwister Holder
Arrange the wires
with the twister holder.

Polishing Cloth
Polish the TV with the cloth.
Slightly wipe stained spot on the exterior only with the cleansing cloths for the product exterior if there is stain or fingerprint on surface of the exterior.
Do not wipe roughly when removing stain. Please be cautious of that excessive power may cause scratch or discoloration.

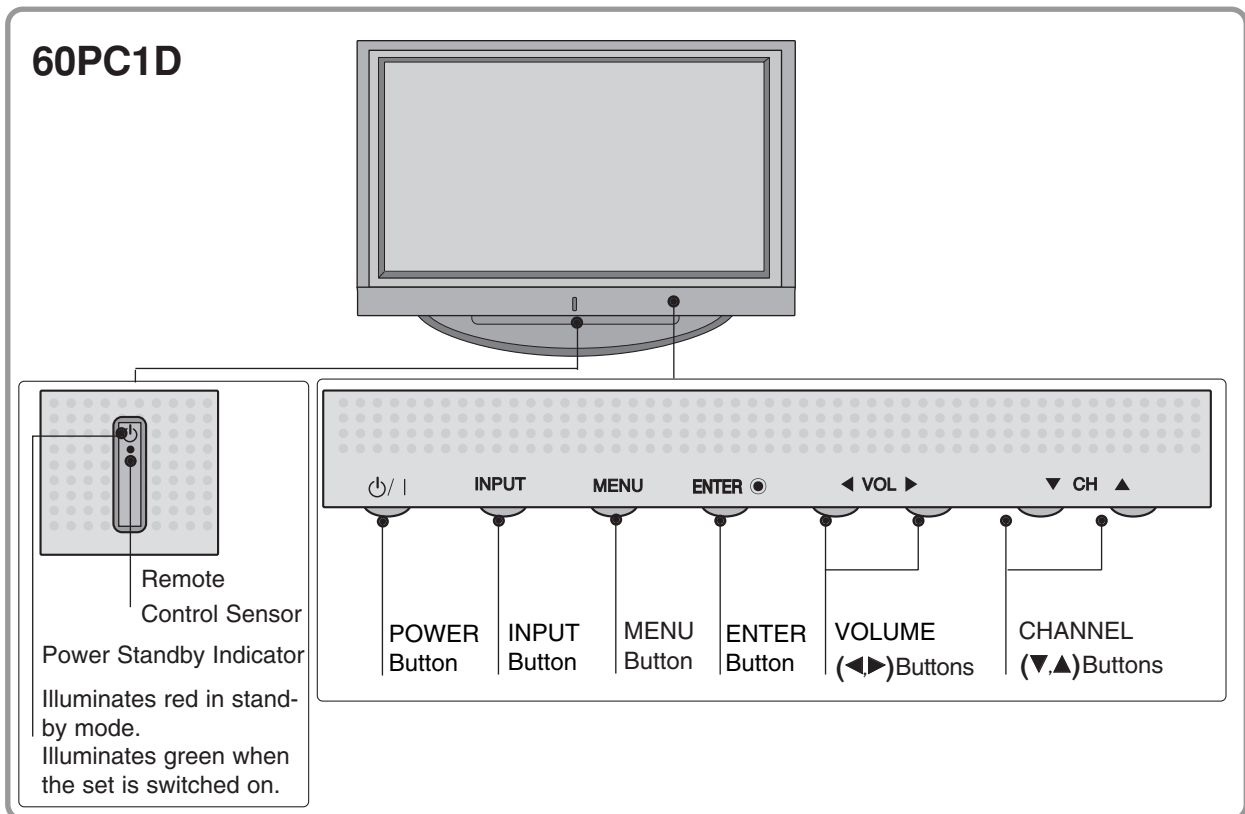
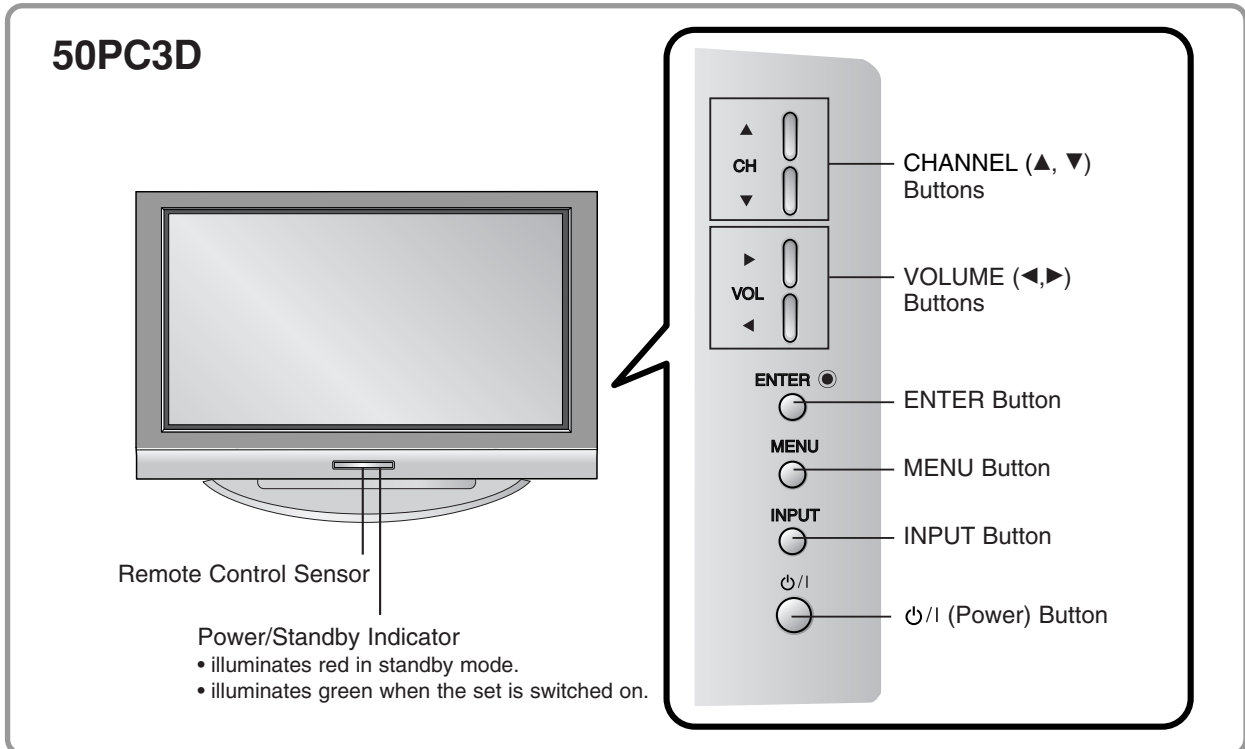


2-TV Bracket Bolts

Cable
Management
(Refer p.18)

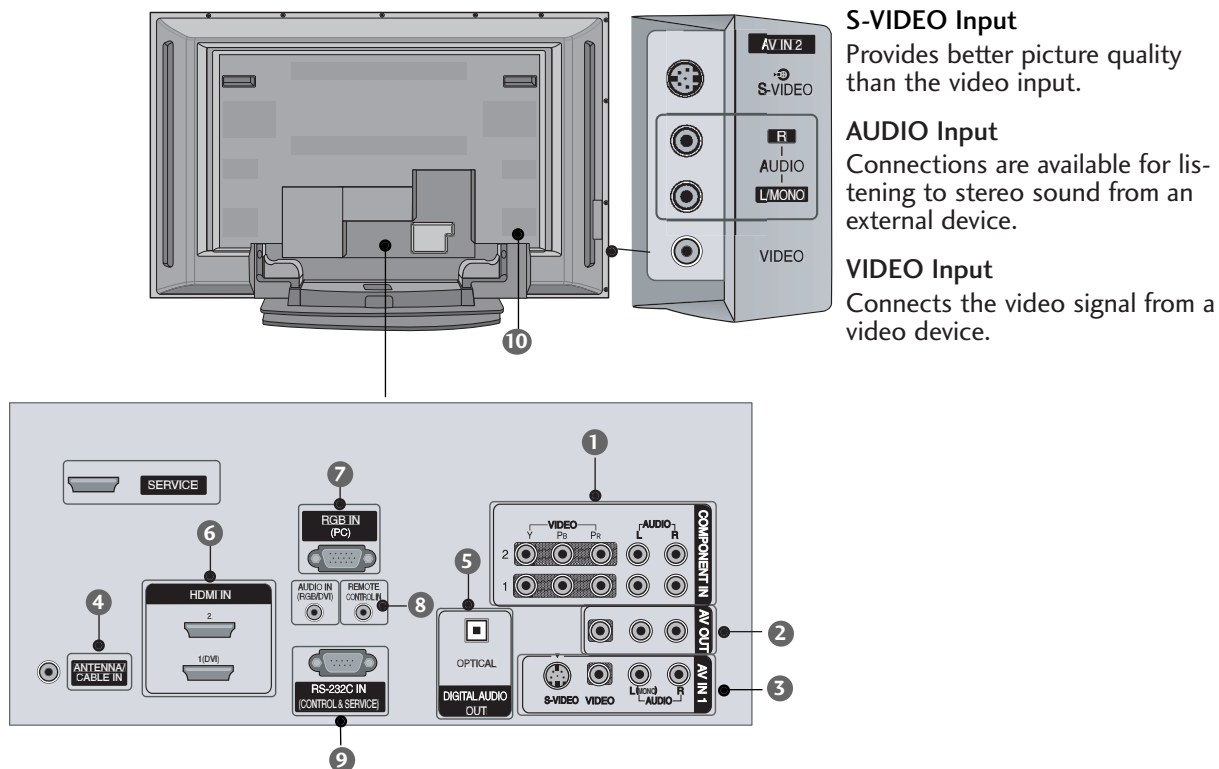
Controls (Model Name: 50PC3D / 60PC1D)

- This is a simplified representation of front panel.
- This picture shown below may be somewhat different from your TV.



Connection Options (Model Name: 50PC3D / 60PC1D)

- This picture shown below may be somewhat different from your TV.



S-VIDEO Input

Provides better picture quality than the video input.

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 AV OUT

Connect a second TV or monitor.

3 AV (Audio/Video) IN 1

Connect audio/video output from an external device to these jacks.

S-VIDEO

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

4 ANTENNA/CABLE IN

Connect over-the air signals to this jack.

5 DIGITAL AUDIO OUT

Connect digital audio from various types of equipment.

Note: In standby mode, these ports do not work.

6 HDMI IN

Connect a HDMI signal to 1 (DVI) or 2. Or DVI (VIDEO) signal to the 1 (DVI) port with a DVI to HDMI cable.

7 RGB IN (PC)

Connect the monitor output from a PC to the appropriate input port.

8 Remote Control Port

Connect your wired remote control.

AUDIO IN (RGB/DVI)

Connect the monitor output from a PC to the appropriate input port.

9 RS-232C IN (CONTROL & SERVICE) PORT

Connect to the RS-232C port on a PC.

10 Power Cord Socket

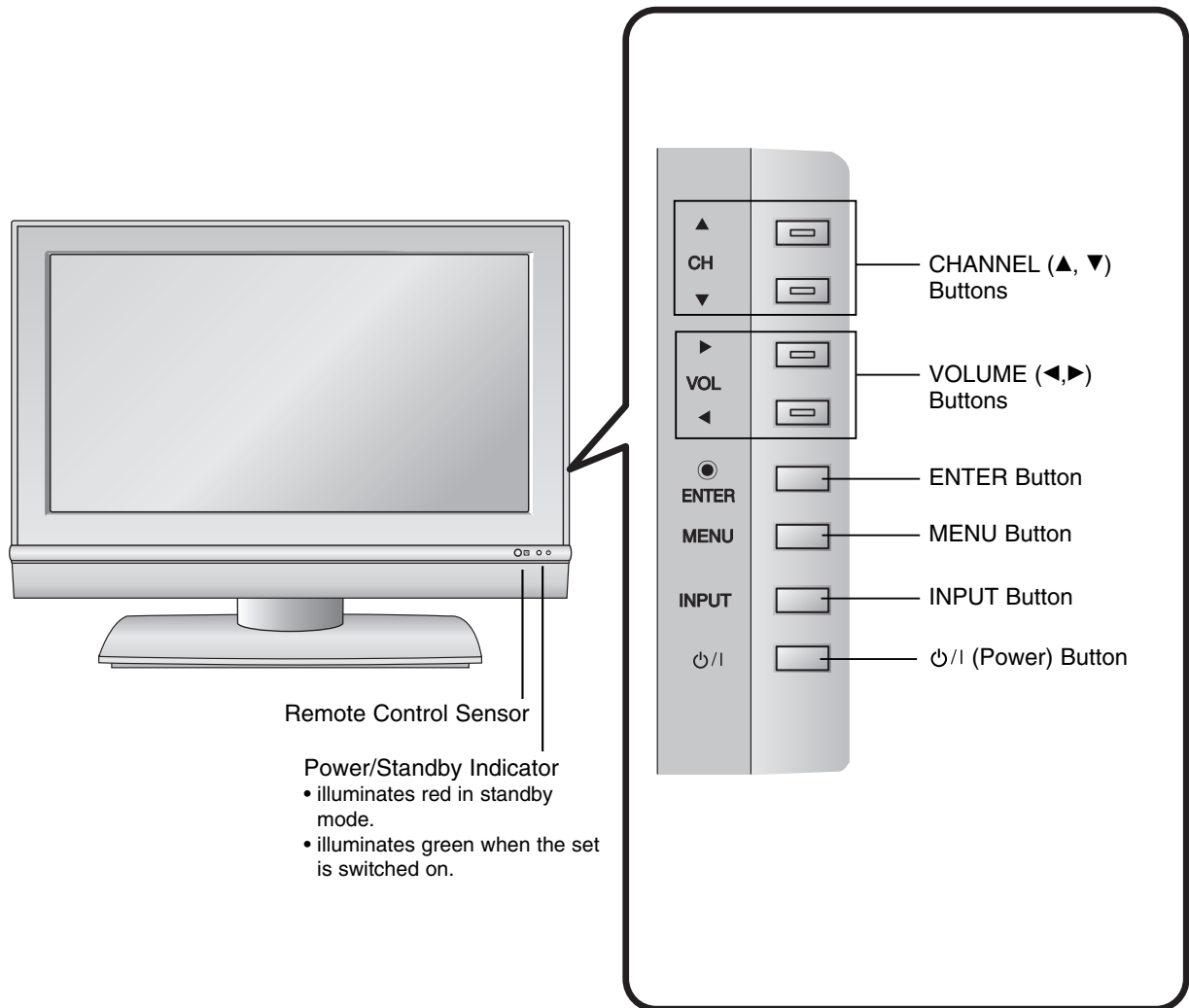
For operation with AC power.

Caution:

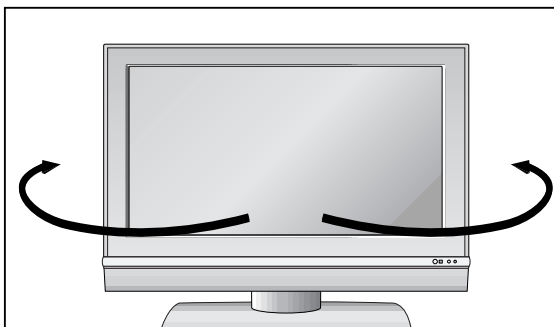
Never attempt to operate the TV on DC power.

Controls (Model Name: 26LC2D)

- This is a simplified representation of front panel.
- This picture shown below may be somewhat different from your TV.



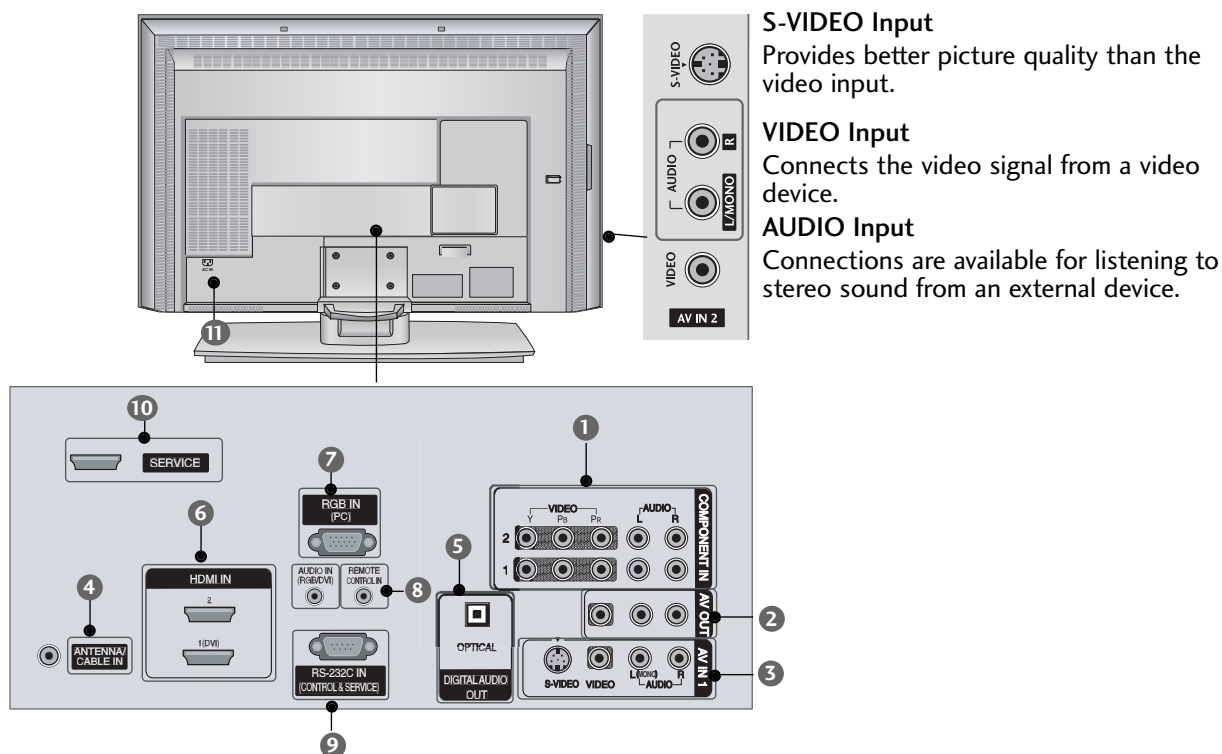
Swivel Stand (26LC2D Only)



- The TV can be conveniently swivelled on its stand 30° to the left or right to provide the optimum viewing angle.

Connection Options (Model Name: 26LC2D)

- This picture shown below may be somewhat different from your TV.



S-VIDEO Input

Provides better picture quality than the video input.

VIDEO Input

Connects the video signal from a video device.

AUDIO Input

Connections are available for listening to stereo sound from an external 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 external device to these jacks.

S-VIDEO

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

4 ANTENNA/CABLE IN

Connect over-the air signals to this jack.
Connect cable signals to this jack.

5 DIGITAL AUDIO OUT

Connect digital audio from various types of equipment.

Note: In standby mode, these ports do not work.

6 HDMI IN

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

7 RGB IN (PC)

Connect the monitor output from a PC to the appropriate input port.

8 Remote Control Port

Connect your wired remote control.

AUDIO IN (RGB/DVI)

Connect the monitor output from a PC to the appropriate input port.

9 RS-232C IN (CONTROL & SERVICE) PORT

Connect to the RS-232C port on a PC.

10 SERVICE

11 Power Cord Socket

For operation with AC power.

Caution:

Never attempt to operate the TV on DC power.

Remote Control Key Functions

TV In AV 1-2, Component 1-2, RGB-PC, HDMI1/DVI or HDMI2 input sources, screen returns to the last TV channel.

INPUT External input modes rotate in regular sequence: TV, AV1-2, Component 1-2, RGB-PC, HDMI1/DVI or HDMI2. (AV 1-2, Component 1-2, RGB-PC, HDMI1/DVI or HDMI2 input sources are linked automatically, only if these are connected.)

POWER Turns your TV or any other programmed equipment on or off, depending on the mode.

RATIO Change the aspect ratio. ► p.45

+/- ◦ Adjust brightness on screen.
 ◦ It turns to the default settings brightness by changing mode source.

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

ENTER Accepts your selection or displays the current mode.

VOLUME UP /DOWN Increase/decrease the sound level.

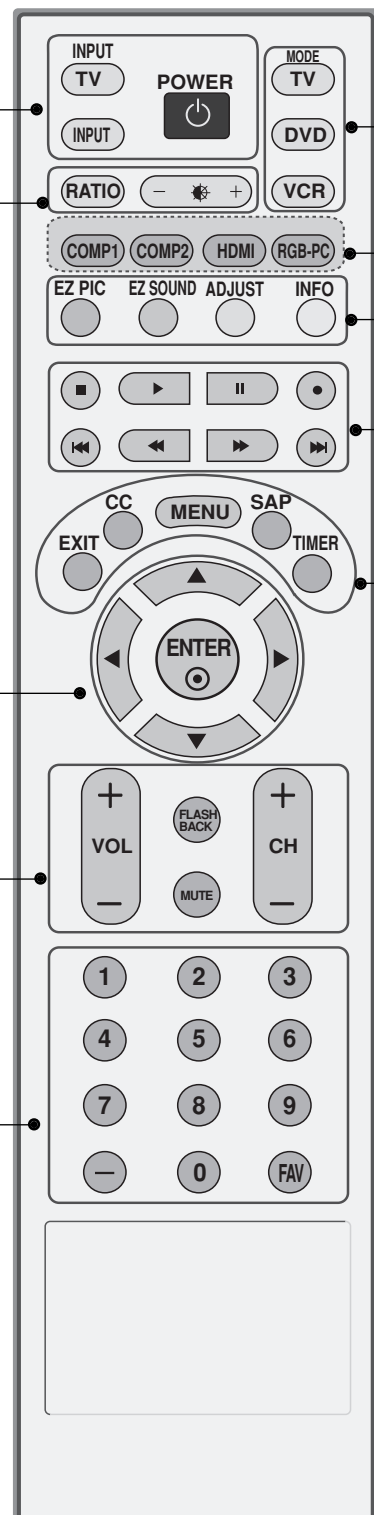
MUTE Switch the sound on or off. ► p.27

FLASHBK Tune to the last channel viewed.

CHANNEL UP/DOWN Select available channels.

NUMBER button Input the channel number.

FAV Scroll through the programmed Favorite channels.



TV, DVD, VCR Selects the remote operating mode: TV, VCR, DVD. Select other operating modes, for the remote to operate external devices.

COMP1 Directly, select Component1 input.

COMP2 Directly, select Component2 input.

HDMI Directly, select HDMI input.

RGB-PC Directly, select RGB input.

EZ PIC Adjust the factory preset picture depend on the viewing environment.(red) ► **p.33**

EZ SOUND Select the appropriate type of sound for type of program.(green) ► **p.39**

ADJUST Adjust the screen position, size, and phase in PC mode.(yellow) ► **p.26**

INFO Display information at the top of the screen. (blue)

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

EXIT Clear all on-screen displays and return to TV viewing from any menu.

CC Select a closed caption. ► **p.46** (*In DTV/CADTV mode ► **p.46**)

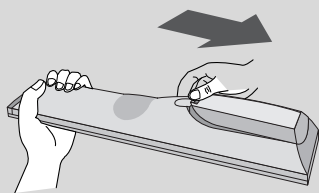
MENU Displays the main menu.

SAP

- Analog mode: Selects MTS sound(Mono, Stereo, and a SAP)
- DTV mode: Change the audio language.

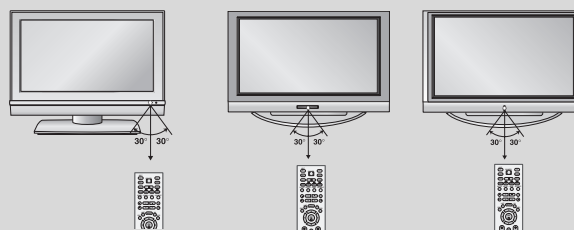
TIMER Select the amount of time before your TV turns off automatically. ► **p.43**

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

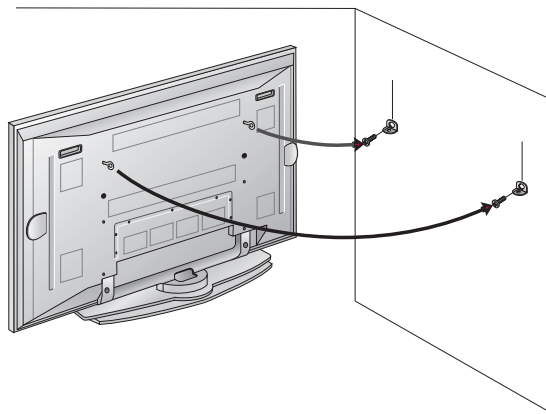


- Use a remote control up to 7 meters distance and 30 degree (left/right) within the receiving unit scope.
- Dispose of used batteries in a recycle bin to preserve environment.

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.

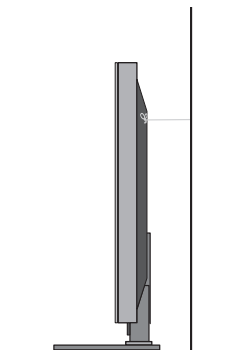


- Insert the eye-bolts (or TV brackets and bolts) to tighten the product to the wall as shown in the picture.

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

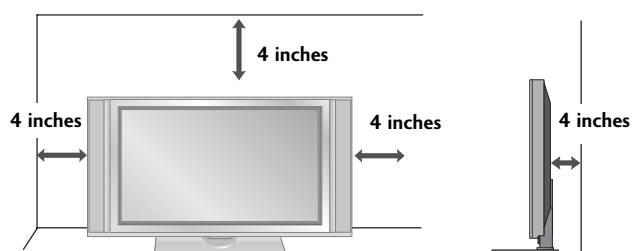


- Use a sturdy rope (not provided as parts of the product, must purchase separately) to tie the product. It is safer to tie the rope so it becomes horizontal between the wall and the product.

Installation

DESKTOP PEDESTAL INSTALLATION

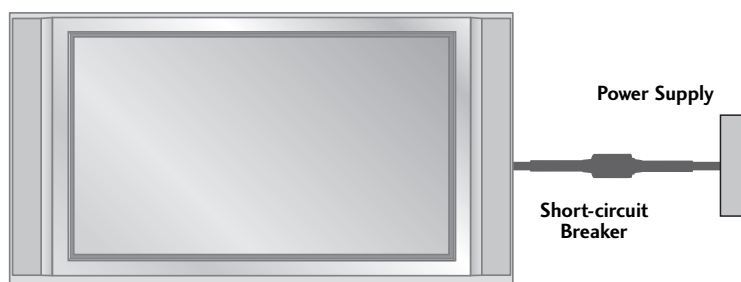
For proper ventilation, allow a clearance of 4 inches on each side from the wall.



⚠ CAUTION

- ▶ Ensure adequate ventilation by following the clearance recommendations.

- This picture shown below may be somewhat different from your TV.



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, lightning rods, or gas pipes.

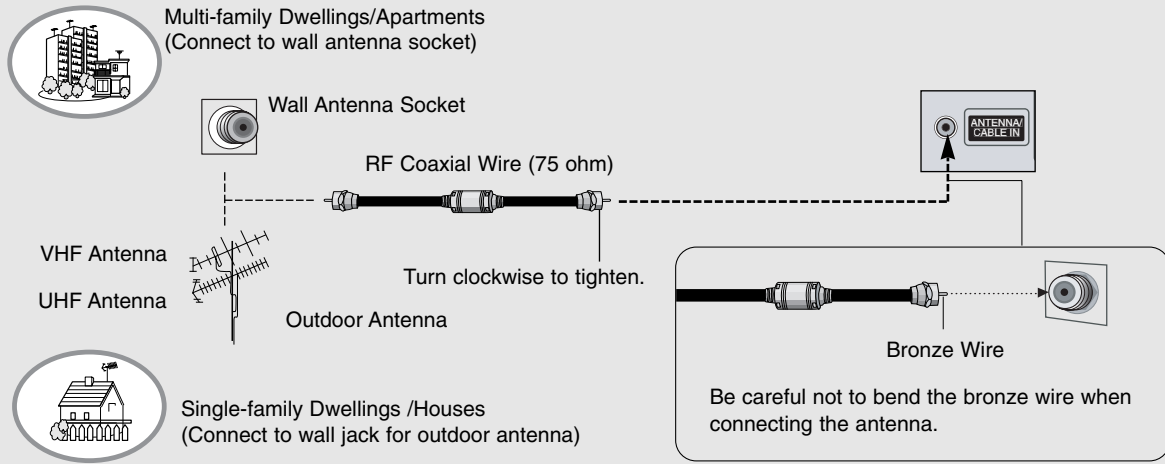
External Equipment Connections

NOTE: All cables shown are not included with the TV

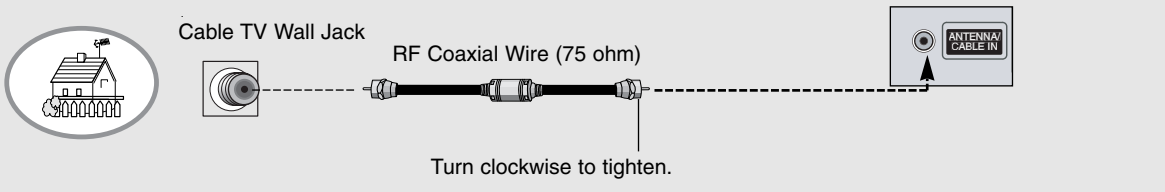
Antenna Or Cable Connection

Analog and Digital TV signals provided on antenna

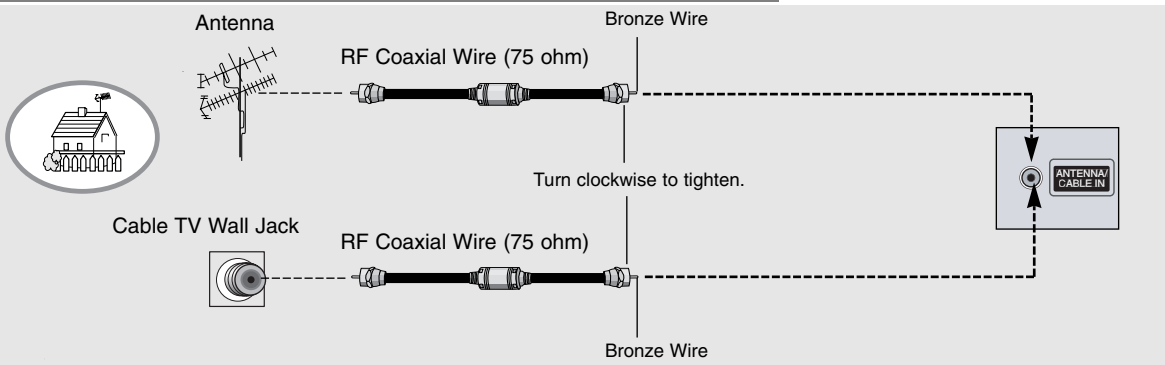
- Antenna or Cable Service without a Cable Box Connection.
- For optimum picture quality, adjust antenna direction if needed.



Analog and Digital TV signals provided on cable



Analog and DTV signals provided on two separate antennas



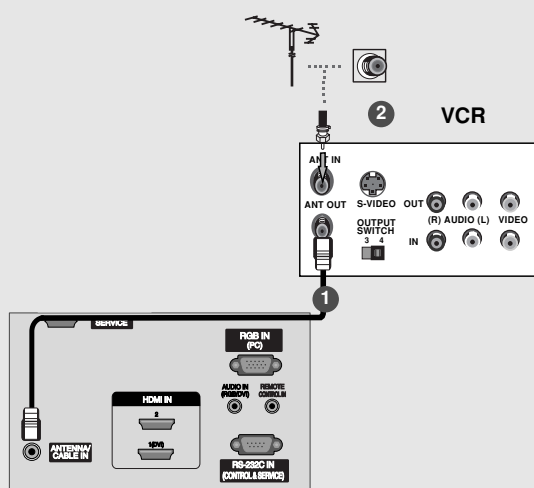
The diagram shows a signal amplifier connected to the TV's 'ANTENNA/CABLE IN' port. The amplifier has two antenna inputs labeled 'VHF' and 'UHF'. A note says 'Turn clockwise to tighten.'

- In a poor signal area to improve picture quality, purchase and install a signal amplifier.
- If the antenna needs to be split for two TV's, install a "2-Way Signal Splitter" in the connections.
- If the antenna is not installed properly, contact your dealer for assistance.

VCR Setup

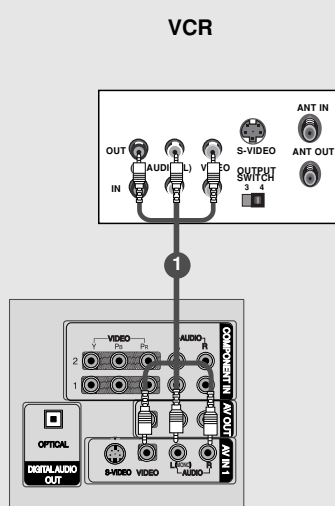
- To avoid picture noise (interference), leave an adequate distance between the VCR and TV.
- Typically a frozen still picture from a VCR. If the 4:3 picture format is used; the fixed images on the sides of the screen may remain visible on the screen.

When connecting with an antenna



- 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.
- 3 Set VCR output switch to 3 or 4 and then tune TV to the same channel number.
- 4 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

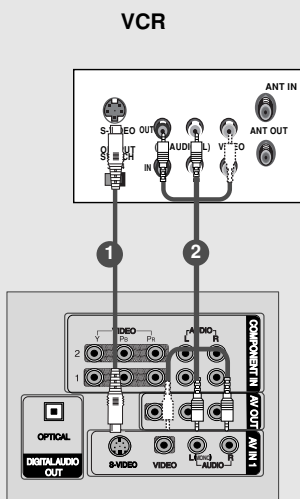


- 1 Connect the **AUDIO/VIDEO** jacks between TV and VCR. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red)
- 2 Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
- 3 Select **AV1** input source using the **INPUT** button on the remote control.
 - If connected to **AV IN2**, select **AV2** input source.




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

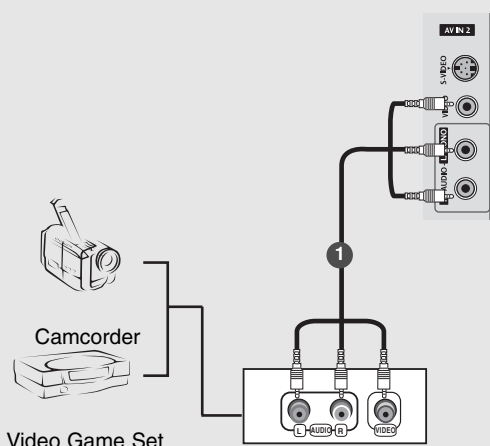
When connecting with an S-Video cable




- 1 Connect the S-VIDEO output of the VCR to the **S-VIDEO** input on the set. The picture quality is improved; compared to normal composite (RCA cable) input.
- 2 Connect the audio outputs of the VCR to the **AUDIO** input jacks on the set.
- 3 Insert a video tape into the VCR and press PLAY on the VCR. (Refer to the VCR owner's manual.)
- 4 Select **AV1** input source with using the **INPUT** button on the remote control.
- If connected to **AV IN2**, select **AV2** input source.

 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 AV Source Setup

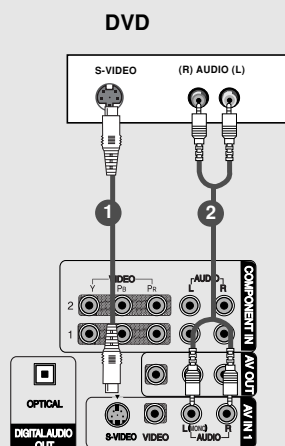


- 1 Connect the **AUDIO/VIDEO** jacks between TV and external equipment. Match the jack colors (Video = yellow, Audio Left = white, and Audio Right = red).
- 2 Select **AV2** input source with using the **INPUT** button on the remote control.
- If connected to **AV IN1** input, select **AV1** input source.
- 3 Operate the corresponding external equipment. Refer to external equipment operating guide.

 This TV finds the connected input sources automatically for AV1, AV2, Component 1-2, RGB, HDMI1/DVI and HDMI2 sources are connected.

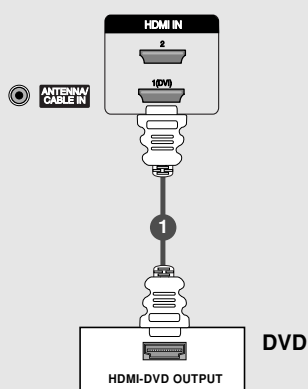
DVD Setup

When connecting with a S-Video cable



- 1 Connect the S-VIDEO output of the DVD to the **S-VIDEO** input on the set.
- 2 Connect the audio outputs of the DVD to the **AUDIO** input jacks on the set.
- 3 Turn on the DVD player, insert a DVD.
- 4 Select **AV1** input source with using the **INPUT** button on the remote control.
- If connected to **AV IN2**, select **AV 2** input source.
- 5 Refer to the DVD player's manual for operating instructions.

When connecting with a HDMI cable

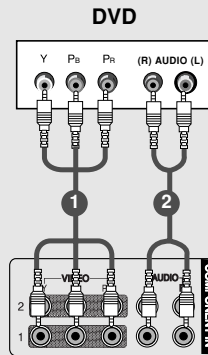


- 1 Connect the HDMI output of the DVD to the **HDMI/DVI IN** jack on the set.
- 2 Select **HDMI/DVI** input source with using the **INPUT** button on the remote control.
- 3 Refer to the DVD player's manual for operating instructions.



- TV can receive the video and audio signal simultaneously with using a HDMI cable.
- If the DVD supports Auto HDMI function, the DVD output resolution will be automatically set to 1280x720p.
- If the DVD 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 DVD to 1280x720p.

When connecting with a component cable



- ❶ Connect the video outputs (Y, Pb, Pr) of the DVD to the **COMPONENT IN VIDEO** jacks on the set.
- ❷ Connect the audio outputs of the DVD to the **COMPONENT IN AUDIO** jacks on the set.
- ❸ Turn on the DVD player, insert a DVD.
- ❹ Select **Component 1** input source with using the **INPUT** button on the remote control.
- If connected to **COMPONENT 2**, select **Component 2** input source.
- ❺ Refer to the DVD player's manual for operating instructions.



• Component Input ports

To get better picture quality, connect a DVD player to the component input ports as shown below.

Component ports on the TV	Y	Pb	Pr
Video output ports on DVD player	Y	Pb	Pr
	Y	B-Y	R-Y
	Y	Cb	Cr
	Y	PB	PR