

LG Electronics Inc.
www.lge.com

LCD TV | PLASMA TV | OWNER'S MANUAL



LCD TV | PLASMA TV OWNER'S MANUAL

LCD TV MODELS	PLASMA TV MODELS
32LC7D	42PC5D
37LC7D	50PC5D
42LC7D	

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.

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



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

P/NO : MFL34797004 (0612-REV00)
Printed in Korea

LG Electronics Inc.



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 / 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

SAFETY INSTRUCTION

IMPORTANT SAFETY INSTRUCTIONS

WARNING / CAUTION

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.



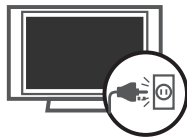
- 7 Only use attachments/accessories specified by the manufacturer.



- 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.



- 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**

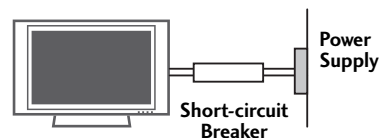


- 13** **Wet Location Marking :** Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on or over apparatus.



- 14** **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.



- 15** **DISCONNECTING DEVICE FROM MAINS** Mains plug is the disconnecting device. The plug must remain readily operable.

CONTENTS

WARNING / CAUTION 1

SAFETY INSTRUCTIONS 2-3

PREPARATION

Accessories 5
Front & Back Panel Information 6
Front & Back Panel Information 8
Attaching the TV to a Wall 10
Stand Installation 11
Desktop Pedestal Installation 11
Back Cover for Wire Arrangement 12
Antenna or Cable Connection 14

EXTERNAL EQUIPMENT SETUP

HD Receiver Setup 15
DVD Setup 18
VCR Setup 20
Other A/V Source Setup 22
PC Setup 23-26
AV Out Setup & Digital Audio Output 27

WATCHING TV / CHANNEL CONTROL

Remote Control Key Functions 28-29
Turning the TV On 30
Channel Selection 30
Volume Adjustment 30
On-Screen Menus Selection 31
Channel Search 32
 - Auto Scan (EZ Scan) 32
 - Add / Delete Channel (Manual Scan) 33
 - Channel Editing 34
DTV Signal Strength 35
Input Source Selection 36
Input Label 37
SimpLink 38

PICTURE CONTROL

Picture Size (Aspect Ratio) Control 40
Preset Picture Settings 41
 - EZ Picture Preset 41
 - Color Tone Preset 41

Manual Picture Adjustment 42
 - EZ Picture - User Mode 42
 - Color Tone - User Mode 43
XD - Picture Improvement Technology 44
Advanced - Cinema 3:2 PulldownMode 45
Advanced - Black (Darkness) Level 45
Picture Reset 46
Low - Power Picture Mode 46
Image Sticking Minimization (ISM) Method 47

SOUND & LANGUAGE CONTROL

Preset Sound Setting 48
Balance 48
Sound Setting Adjustment - User Mode 49
Stereo/SAP Broadcasts Setup 50
TV Speakers On/Off Setup 50
Audio Language 51
On-Screen Menus Language Selection 51
Caption/Text 52
Caption Option 54

TIME SETTING

Clock Setting 55
 - Auto Color Setup 55
 - Manual Color Setup 56
Auto On/Off Timer Setting 57
Sleep Timer Setting 58
Auto Shut-off Setting 58

PARENTAL CONTROL / RATINGS

Set Password & Lock System 59
Channel Blocking & External Input Blocking 61
External Input Blocking 106
Movie & TV Rating 62

APPENDIX

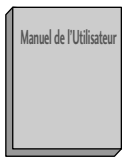
Troubleshooting 65
Maintenance 67
Product Specifications 68
Programming the Remote Control 70
IR Codes 74
External Control Through RS-232C 110

PREPARATION

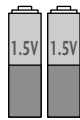
ACCESSORIES

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

User must use shielded signal interface cables (D-sub 15 pin cable) with ferrite cores to maintain standard compliance for the product.



Owner's Manual



Batteries



Remote Control



Power Cord



75ohm Round Cable

Option Extras

D-sub 15 pin Cable

For Plasma TV models

2-eye-bolts

2-Wall brackets

For LCD TV models

2- TV Bracket Bolts

**2- TV Brackets,
2- Wall Brackets**

Cable Management

Twister Holder
Arrange the wires with
the twister holder.

26", 32" only

**4-Bolts for stand assembly
(Refer to p.15)**

WARNING / CAUTION

PREPARATION

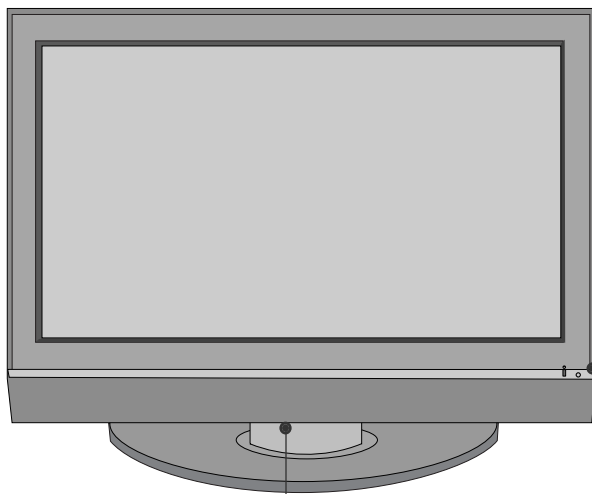
FRONT PANEL INFORMATION

- Here shown may be somewhat different from your TV.

Front Panel Controls

PREPARATION

Plasma TV Model

A detailed view of the front panel controls. It shows a power button with a power symbol, a vertical slot for a remote control sensor, and a small circular indicator light.

Remote Control Sensor

Power Standby Indicator
Illuminates red in standby mode. When the TV is turned on, the indicator blinks green and then illuminates green before the picture is displayed.

A detailed view of the front panel controls with labels. The panel features a speaker grille at the top, followed by a row of buttons: Power (power symbol), Input, Menu, Enter (circle with dot), Volume (left and right arrows), and Channel (down and up arrows).

POWER Button

INPUT Button

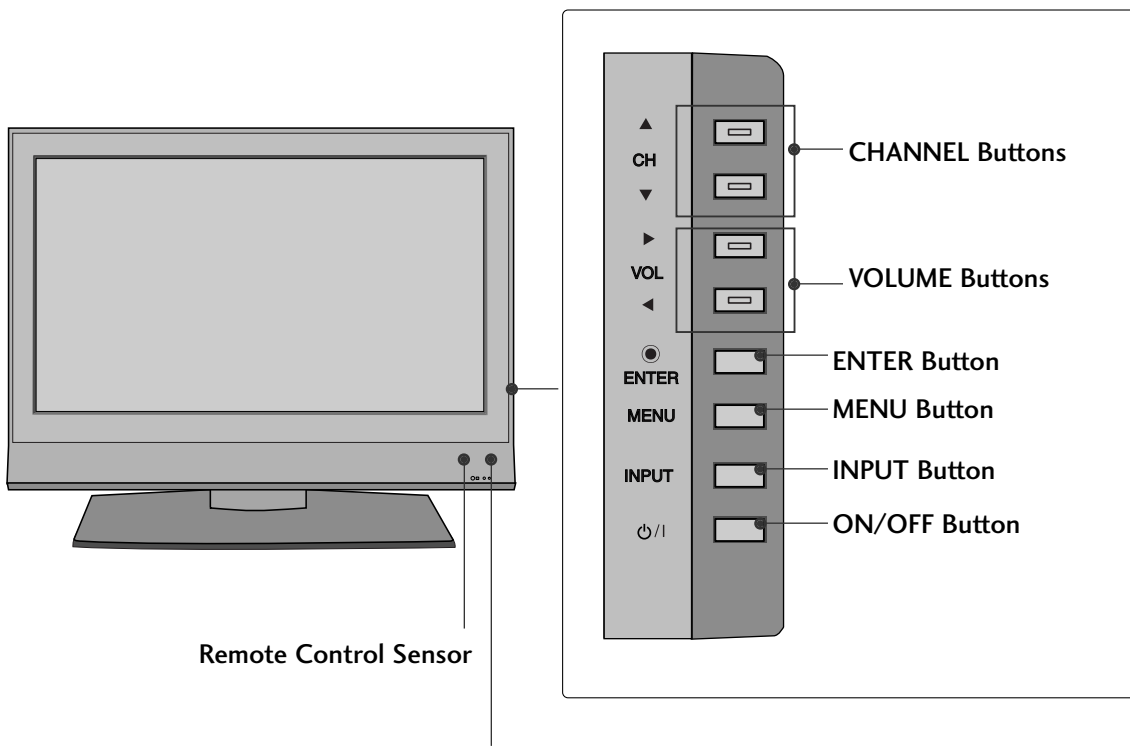
MENU Button

ENTER Button

VOLUME (◀,▶)Buttons

CHANNEL (▼,▲)Buttons

LCD TV Model



Remote Control Sensor

Power Standby Indicator

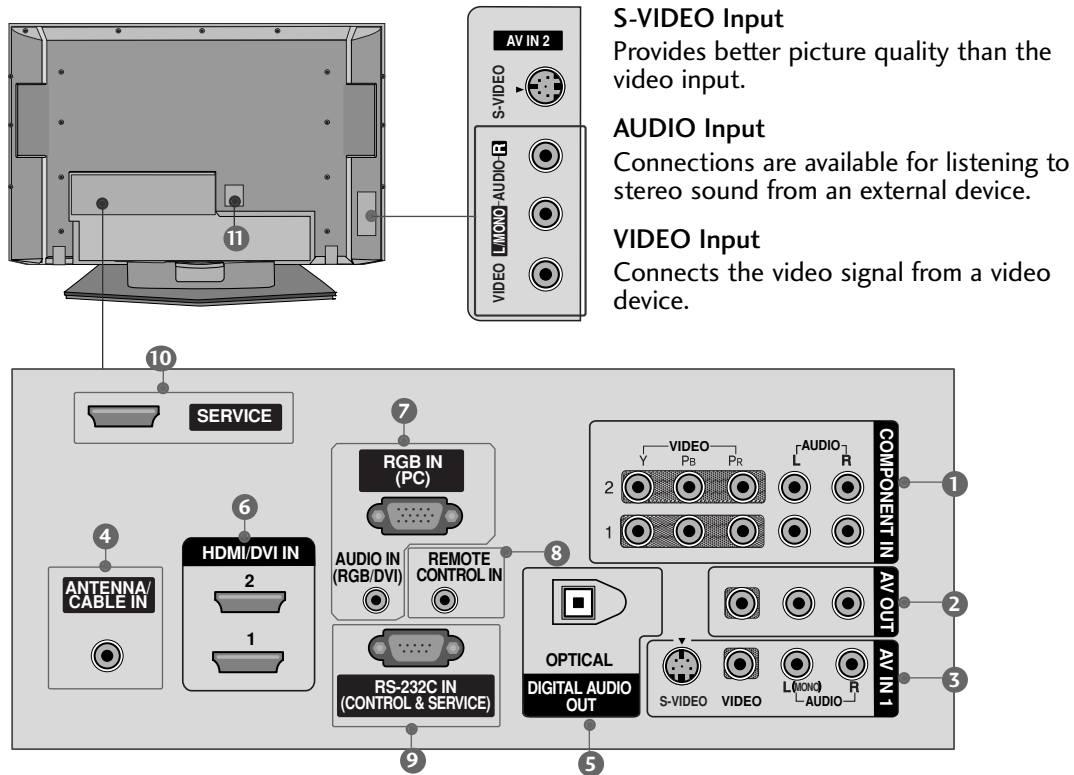
Illuminates red in standby mode.
When the TV is turned on, the indicator blinks green and then illuminates green before the picture is displayed.

PREPARATION

BACK PANEL INFORMATION

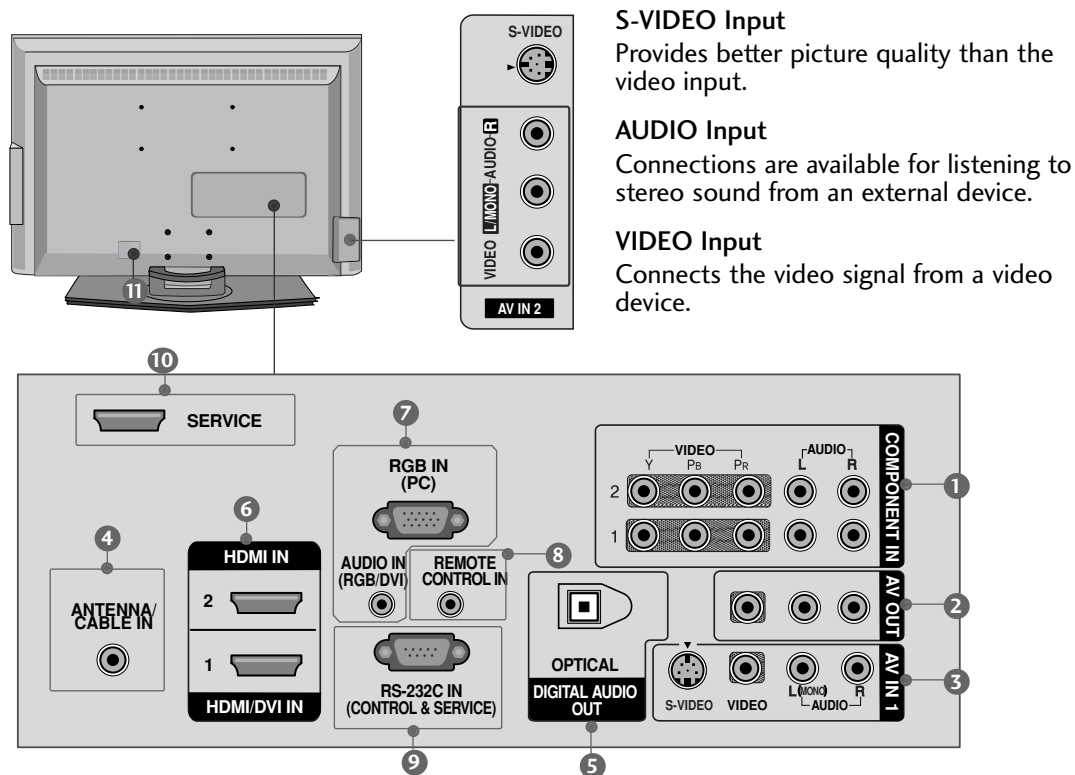
Back Connection Panel

Plasma TV Model



- 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/DVI IN**
Connect a HDMI signal to 1 or 2.
- 7 RGB IN (PC)**
Connect the monitor output from a PC to the appropriate input port.
AUDIO IN (RGB/DVI)
Connect the monitor output from a PC to the appropriate input port.
- 8 Remote Control Port**
Connect your wired remote control.
- 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.

LCD TV Model



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.
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/DVI IN**
Connect a HDMI signal to 1 or 2.
- 7 RGB IN (PC)**
Connect the monitor output from a PC to the appropriate input port.
AUDIO IN (RGB/DVI)
Connect the monitor output from a PC to the appropriate input port.
- 8 Remote Control Port**
Connect your wired remote control.
- 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.

PREPARATION

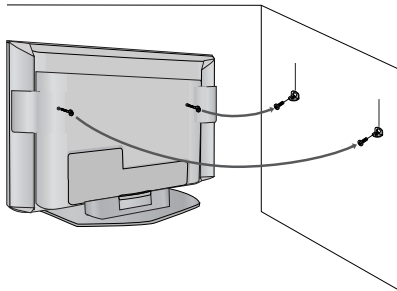
ATTACHING THE TV TO A WALL

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.

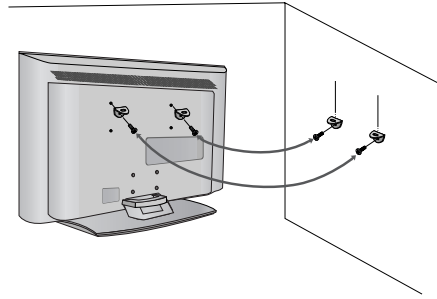
Caution: Please make sure that children don't climb on or hang from the TV.

PREPARATION

Plasma TV Model



LCD TV Model

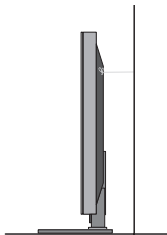


- Insert the eye-bolts (or TV brackets and bolts) to tighten the product to the wall as shown in the picture.

* 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.

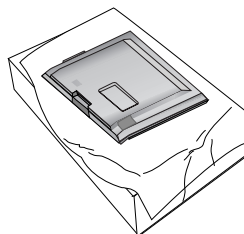
Ensure the eye-bolts or brackets are tightened securely.



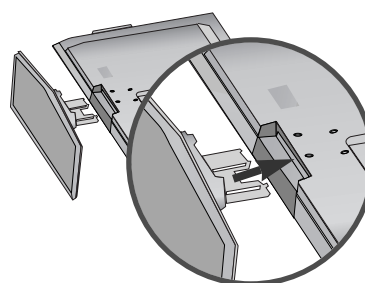
- Use a sturdy rope (not provided as parts of the product, must purchase separately) to tie the product. It is safer to tie the rope so it becomes horizontal between the wall and the product.

STAND INSTALLATION (Only 32 inch LCD TV models)

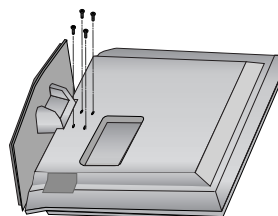
- 1 Carefully place the product screen side down on a cushioned surface that will protect product and screen from damage.



- 2 Assemble the product stand with the product as shown.



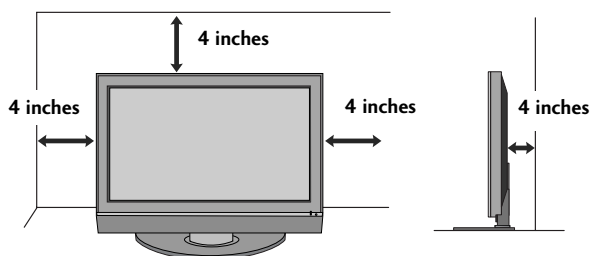
- 3 Install the 4 bolts securely, in the back of the product in the holes provided.



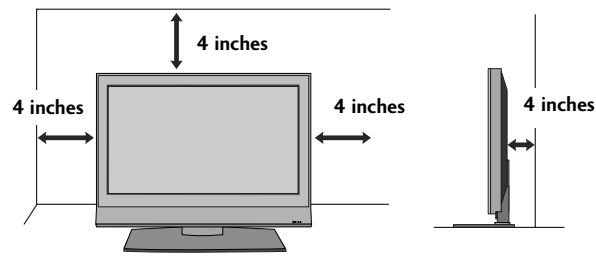
DESKTOP PEDESTAL INSTALLATION

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

Plasma TV



LCD TV



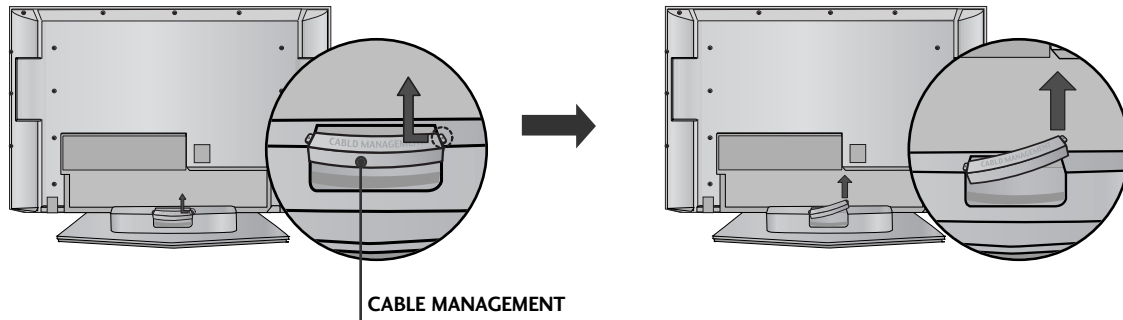
CAUTION Ensure adequate ventilation by following the clearance recommendations.

PREPARATION

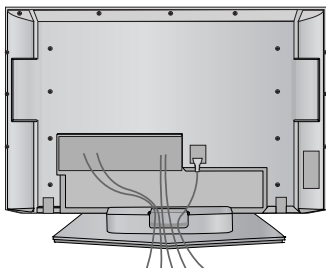
BACK COVER FOR WIRE ARRANGEMENT

Plasma TV

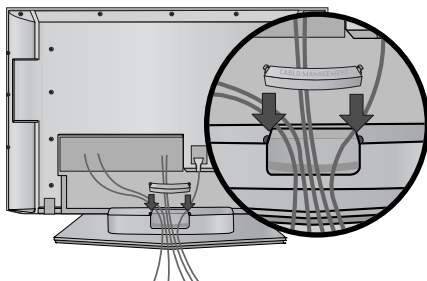
- 1 Hold the **CABLE MANAGEMENT** with both hands and pull it backward as shown.



- 2 Connect the cables as necessary.
To connect an additional equipment, see the **External equipment Connections** section.

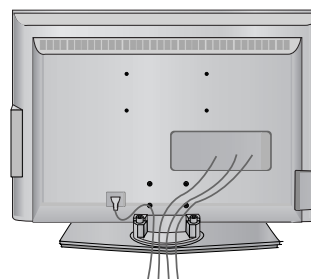


- 3 Install the **CABLE MANAGEMENT** as shown.

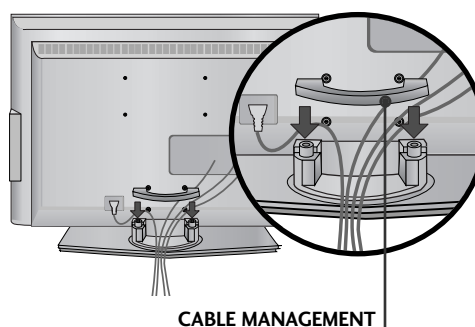


LCD TV

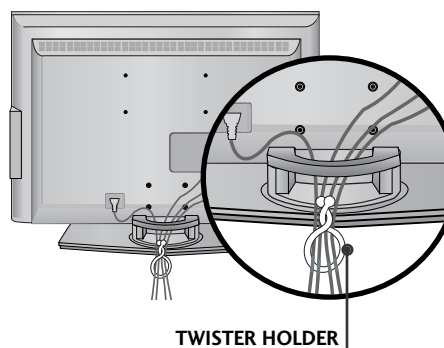
- 1 Connect the cables as necessary.
To connect an additional equipment, see the **External equipment Connections** section.



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



- 3 Bundle the cables using the supplied 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.

How to remove the CABLE MANAGEMENT

- ▶ Hold the **CABLE MANAGEMENT** with both hands and pull it backward.

