Life's Good

LCD TV | PLASMA TV
OWNER'S MANUAL

LCD TV MODELS		PLASMA TV MODELS
26LC4*	26LC5*	42PC5*
32LC4*	32LC5*	50PC5*
37LC4*	37LC5*	50PB6*
42LC4*	42LC5*	42PC3*
26LB7*	32LB7*	50PC3*
		60PC4*

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.

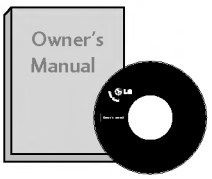
DVB
Digital Video Broadcasting

Trade Mark of the DVB Digital Video Broadcasting Project (1991 to 1996)

ID Number(s): 4550: 26LC45, 4549: 26LC46, 4548: 32LC45, 4547: 32LC46, 4546: 37LC45, 4545: 37LC46, 4544: 42LC45, 4543: 42LC46, 4542: 32LC55, 4541: 32LC56, 4540: 26LC55, 4539: 37LC55, 4538: 42LC55, 4722: 26LB75, 4918: 26LB76, 4723: 32LB75, 4917: 32LB76, 4559: 42PC55, 4555: 50PC55, 4554: 42PC56, 4553: 50PC56, 4552: 50PB65, 4892: 42PC35, 4891: 50PC35, 4742: 60PC45

ACCESSORIES

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



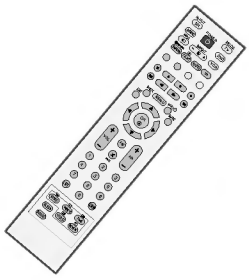
Owner's Manual

Power Cord

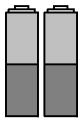
Polishing Cloth
(This feature is not available for all models.)
Polish the screen with the cloth.

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.



Remote Control



Batteries

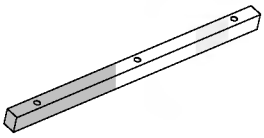
Plasma TV models

2-Wall brackets

2-eye-bolts

(This feature is not available for all models.)

50PB6*, only



One desk-type stand fixture protection cover
Refer to p. 20

3-bolts
Refer to p. 20

LCD TV models

(This feature is not available for all models.)

2- TV Brackets
2- Wall Brackets

2-bolts

Twister Holder
Arrange the wires with the twister holder.

or

Cable Management

26", 32", 37" only

4-bolts for stand assembly
Refer to p. 12

26/32LB7* only

1-screw for stand fixing
Refer to p. 14

CONTENTS

ACCESSORIES 1

PREPARATION

Front Panel Controls 4
Back Panel Information 7
Stand installation 11
Attaching the TV to a wall 13
Attaching the TV to a desk 14
Back Cover for Wire Arrangement 15
Desktop Pedestal Installation 19
Wall Mount: Horizontal installation 20
Antenna Connection 21

EXTERNAL EQUIPMENT SETUP

HD Receiver Setup 22
DVD Setup 25
Insertion of CI module 28
VCR Setup 29
Digital Audio Out Setup 31
Other A/V Source Setup 32
PC Setup 33
- Screen Setup for PC Mode 36

WATCHING TV / PROGRAMME CONTROL

Remote Control Key Functions 40
Turning on the TV 44
Programme Selection 45
Volume Adjustment 45
On-Screen Menus Selection and Adjustment 46
Auto Programme Tuning (In Digital Mode) 47
Manual Programme Tuning (In Digital Mode) 48
Programme Edit (In Digital Mode) 49
5V antenna Power (In Digital Mode only) 51
Software Update (In Digital Mode only) 52
Diagnostics (In Digital Mode only) 53
CI Information (In Digital Mode only) 54
Auto Programme Tuning (In Analogue Mode) 55
Manual Programme Tuning (In Analogue Mode) 56
Fine Tuning (In Analogue Mode) 57
Assigning a Station Name (In Analogue Mode) 57
Programme Edit (In Analogue Mode) 58
Calling the Programme Table 60
Input Source Selection 61
Index 61
SIMPLINK Function 62

EPG (ELECTRONIC PROGRAMME GUIDE) (IN DIGITAL MODE)

Switch on/off EPG 64
Select programme 64
Button function in NOW/NEXT guide mode 65
Button function in 8 days guide mode 65
Button function in date change mode 65
Button function in extended description box 66
Button function in record/remind setting mode 66
Button function in timer list mode 66

PICTURE CONTROL

Picture Size (Aspect Ratio) Control 67
Preset Picture Settings
- Picture Mode-Preset 69
- Auto Colour Tone Control (Warm/Medium/Cool) 70
Manual Picture Adjustment
- Picture Mode-User option 71
- Colour Tone - User option 72
XD - Picture Improvement Technology 73
XD Demo 74
Advanced - Cinema 75
Advanced - Black(Darkness) Level 76
Picture Reset 77
Image Sticking Minimization(ISM) Method 78
Low-Power Picture Mode 79

SOUND & LANGUAGE CONTROL

Auto Volume Leveler 80
Preset Sound Settings - Sound Mode 81
Sound Setting Adjustment - User Mode 82
Balance 83
TV Speakers On/ Off Setup 84
Selecting digital audio out 85
I/II
- Stereo/Dual Reception (In Analogue Mode Only) 86
- NICAM Reception (In Analogue Mode Only) 87
- Speaker Sound Output Selection 87
On-Screen Menu Language/Country Selection 88
Language selection (In Digital Mode only) 89

TIME SETTING

Clock Setup 90
Auto On/ Off Timer Setting 91
Auto Shut-off Setting 92
Time zone Setup 93
Sleep Timer Setting 93

PARENTAL CONTROL / RATINGS

Set Password & Lock System 94
Parental Control 95

TELETEXT

Switch on/off 96
SIMPLE Text 96
TOP Text 96
FASTEXT 97
Special Teletext Functions 97

DIGITAL TELETEXT

Teletext within Digital Service 98
Teletext in Digital Service 98

APPENDIX

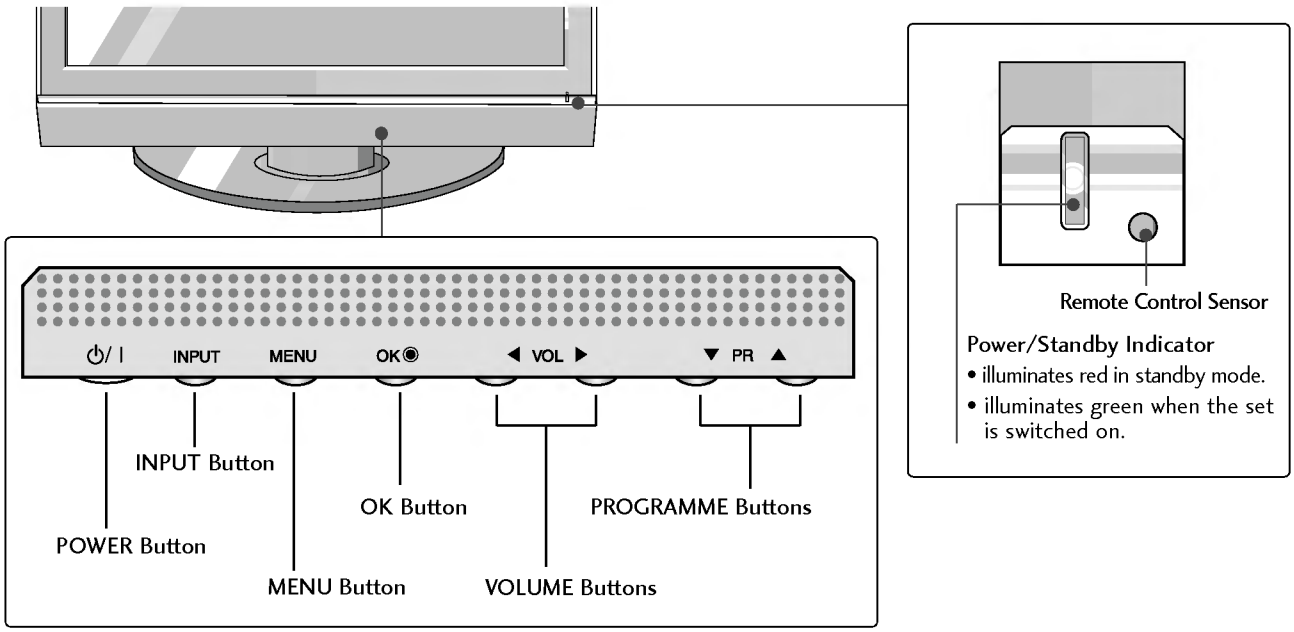
Troubleshooting 99
Maintenance 101
Product Specifications 102
Programming the Remote Control 104
Programming Code 104
IR Codes 106
External Control Device Setup 108

FRONT PANEL CONTROLS

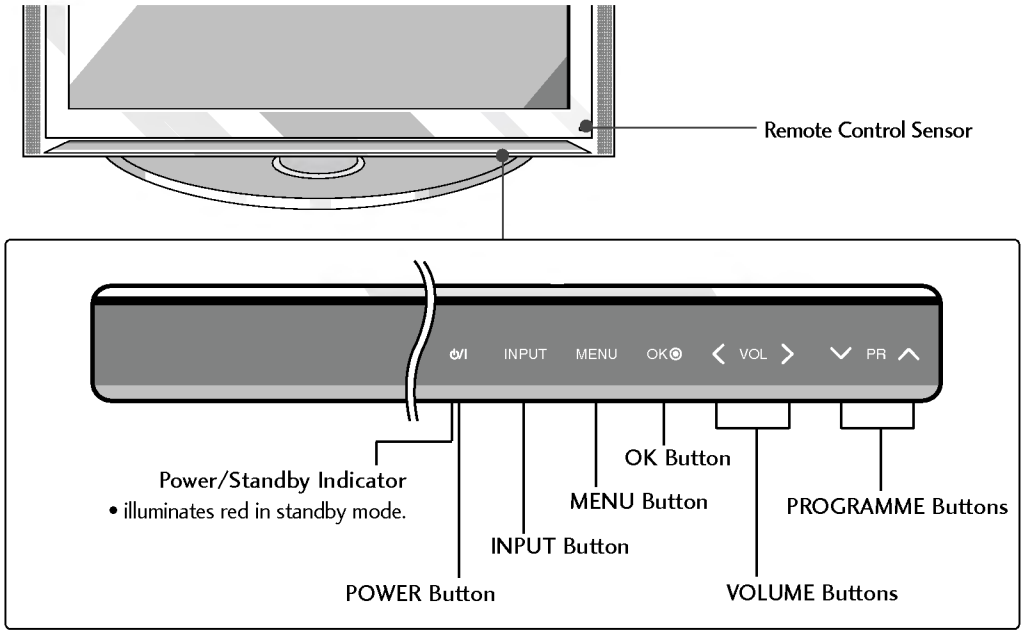
- This is a simplified representation of the front panel. Here shown may be somewhat different from your TV.
- If your product has a protection film attached, remove the film and then wipe the product with a polishing cloth.

Plasma TV Models

42/50PC5*, 60PC4*

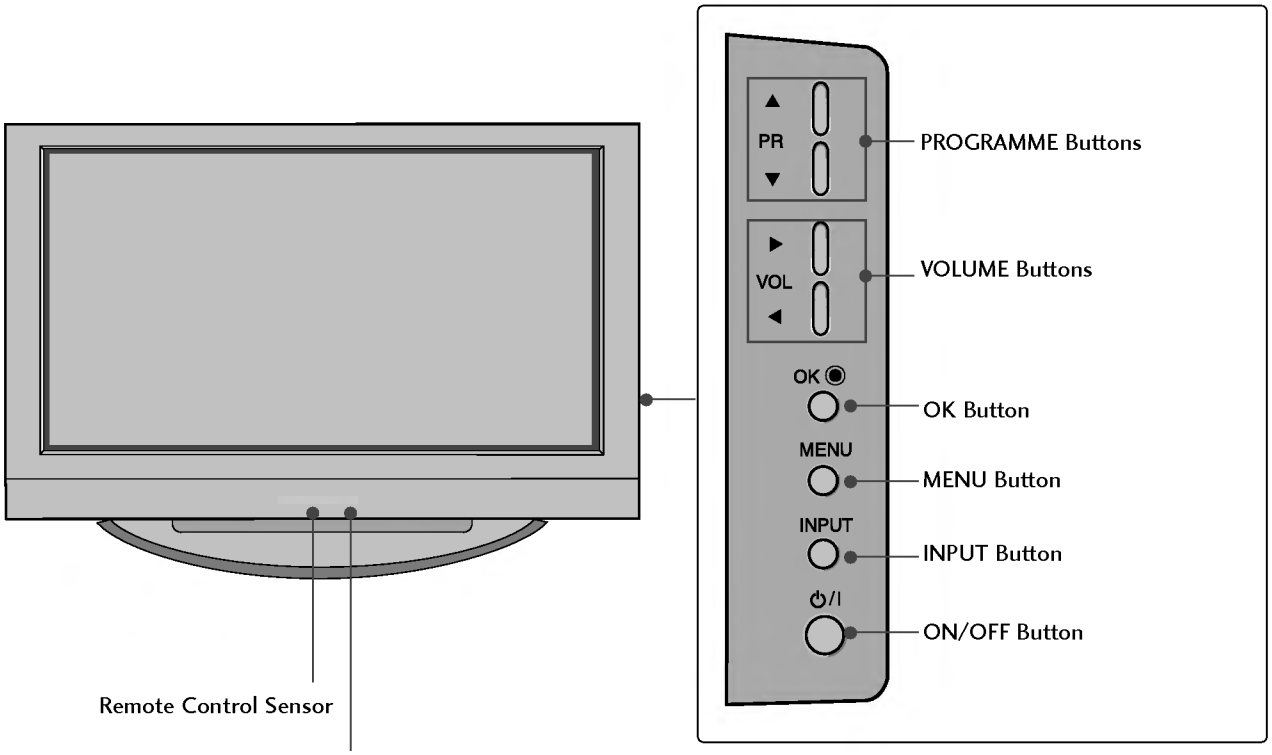


50PB6*



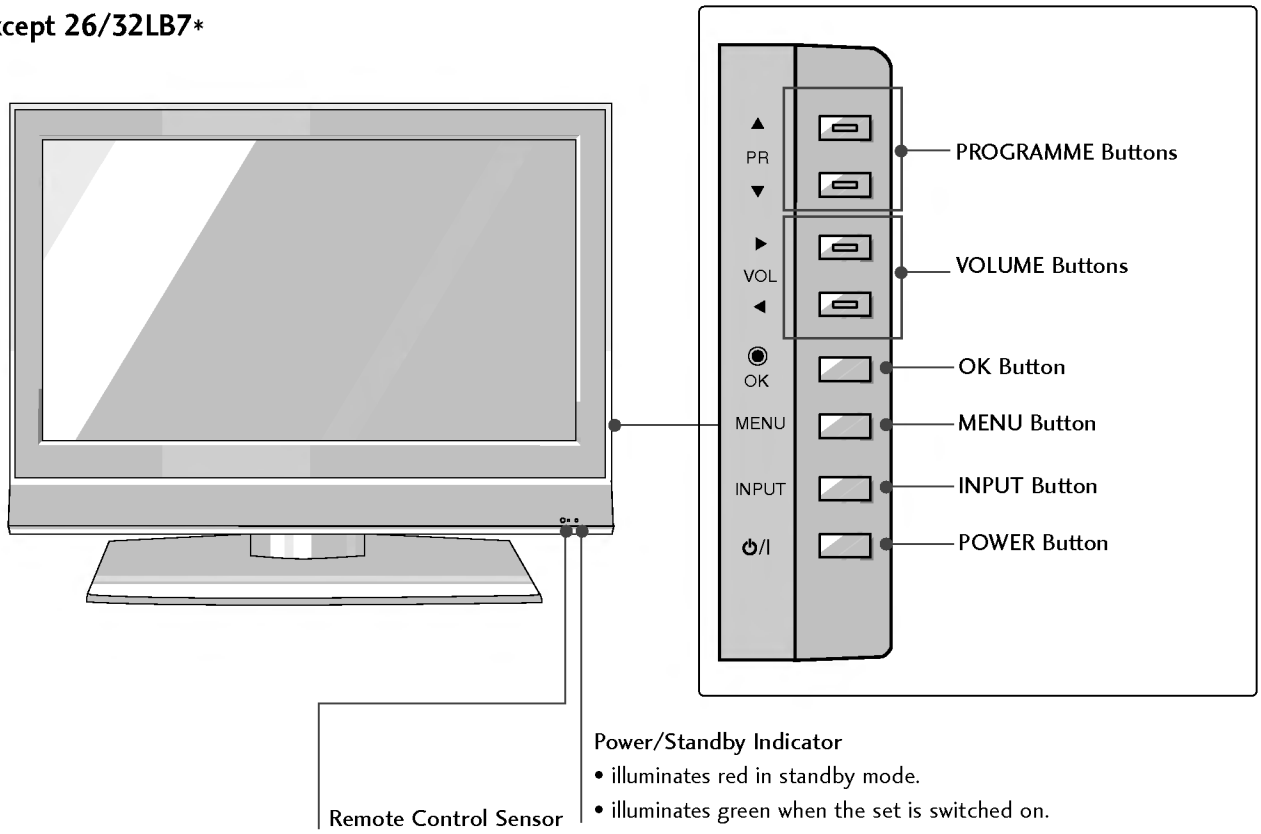
Plasma TV Models

**42/50PC3*

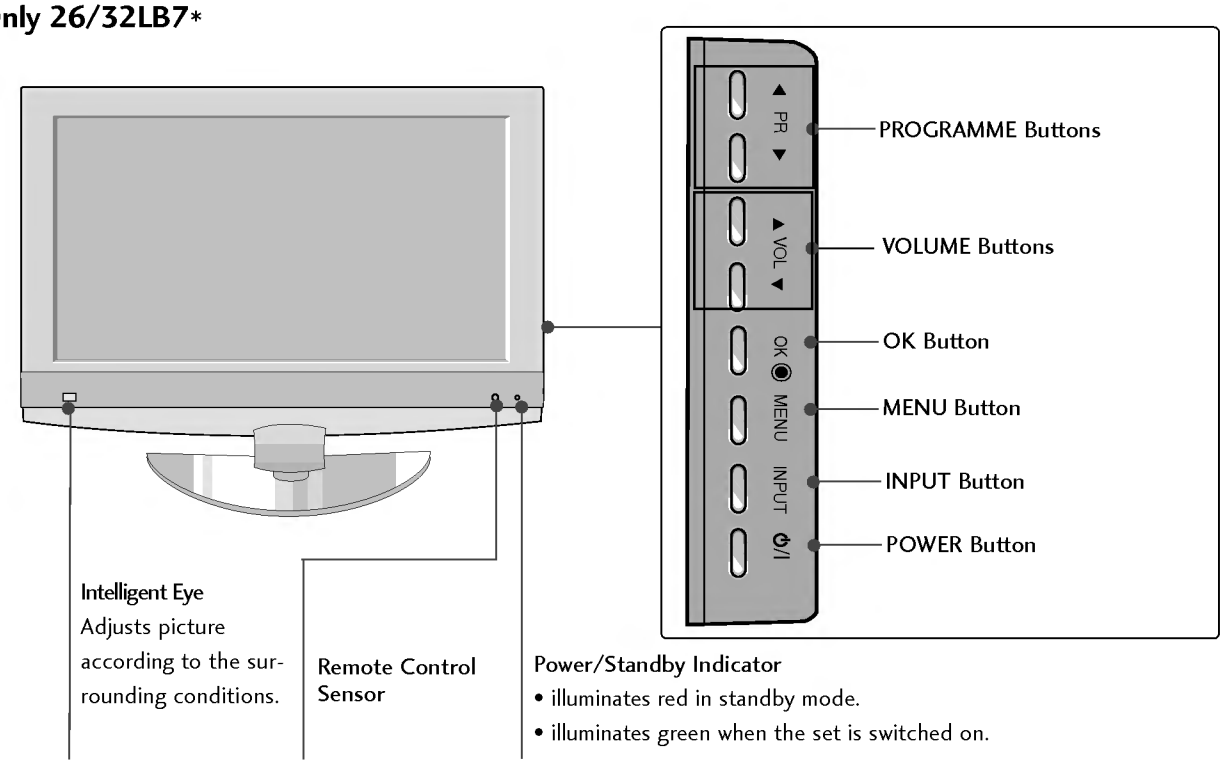


LCD TV Models

Except 26/32LB7*



Only 26/32LB7*

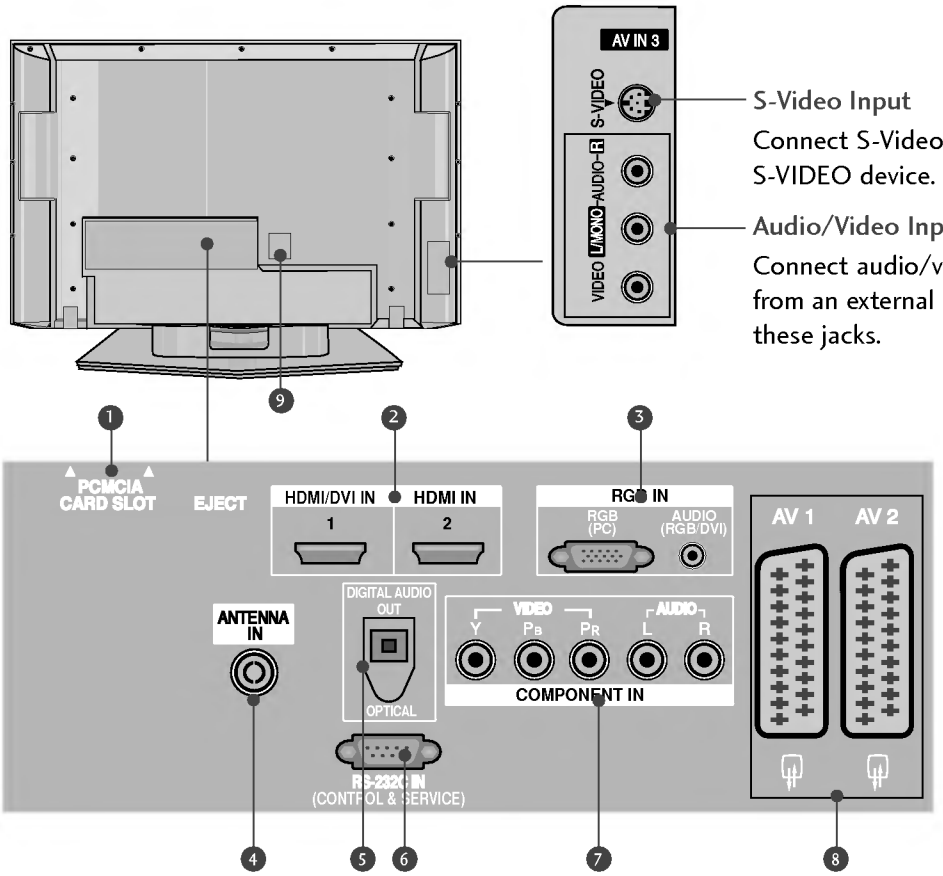


BACK PANEL INFORMATION

■ This is a simplified representation of the back panel. Here shown may be somewhat different from your TV.

Plasma TV Models

**Except 42/50PC3*



❶ PCMCIA (Personal Computer Memory Card International Association) Card Slot
(This feature is not available in all countries.)

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

❸ RGB/DVI Audio Input
Connect the monitor output from a PC to the appropriate input port.

❹ Antenna Input
Connect over-the-air signals to this jack.

❺ DIGITAL AUDIO OUT OPTICAL
Connect digital audio from various types of equipment.
Note: In standby mode, these ports do not work.

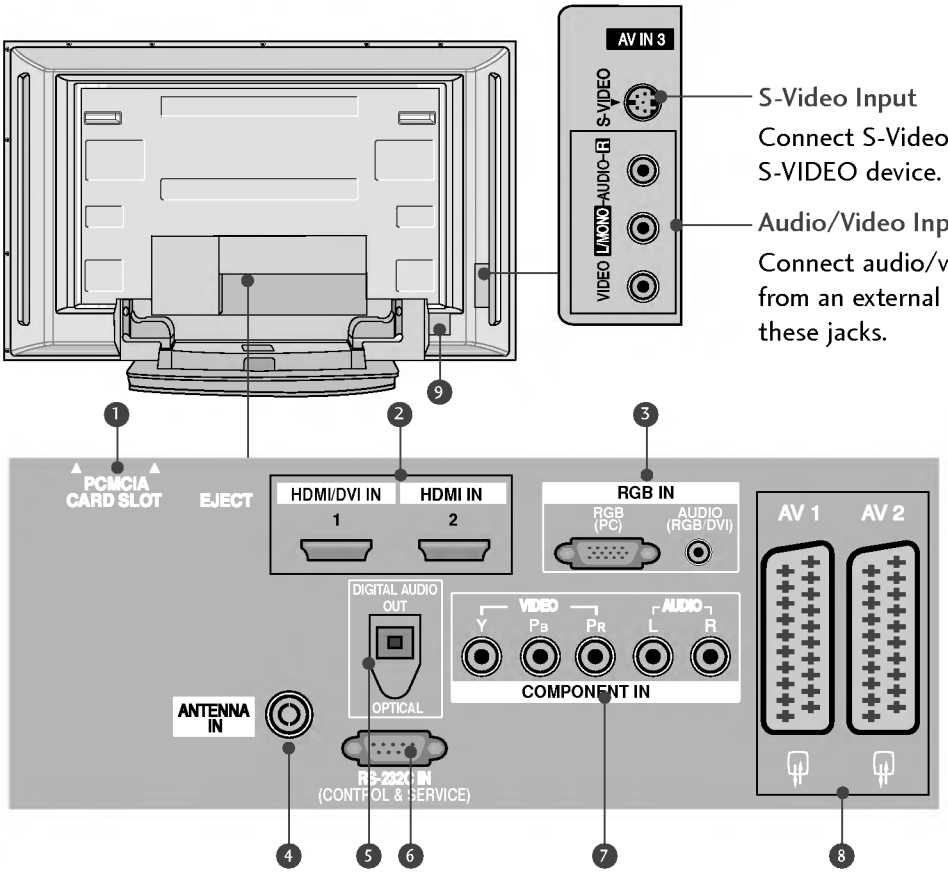
❻ RS-232C IN (CONTROL & SERVICE) PORT
Connect to the RS-232C port on a PC.

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

❽ Euro Scart Socket (AV1/AV2)
Connect scart socket input or output from an external device to these jacks.

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

**Only 42/50PC3*



❶ PCMCIA (Personal Computer Memory Card International Association) Card Slot
(This feature is not available in all countries.)

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

❸ RGB/DVI Audio Input
Connect the monitor output from a PC to the appropriate input port.

❹ Antenna Input
Connect over-the-air signals to this jack.

❺ DIGITAL AUDIO OUT OPTICAL
Connect digital audio from various types of equipment.
Note: In standby mode, these ports do not work.

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

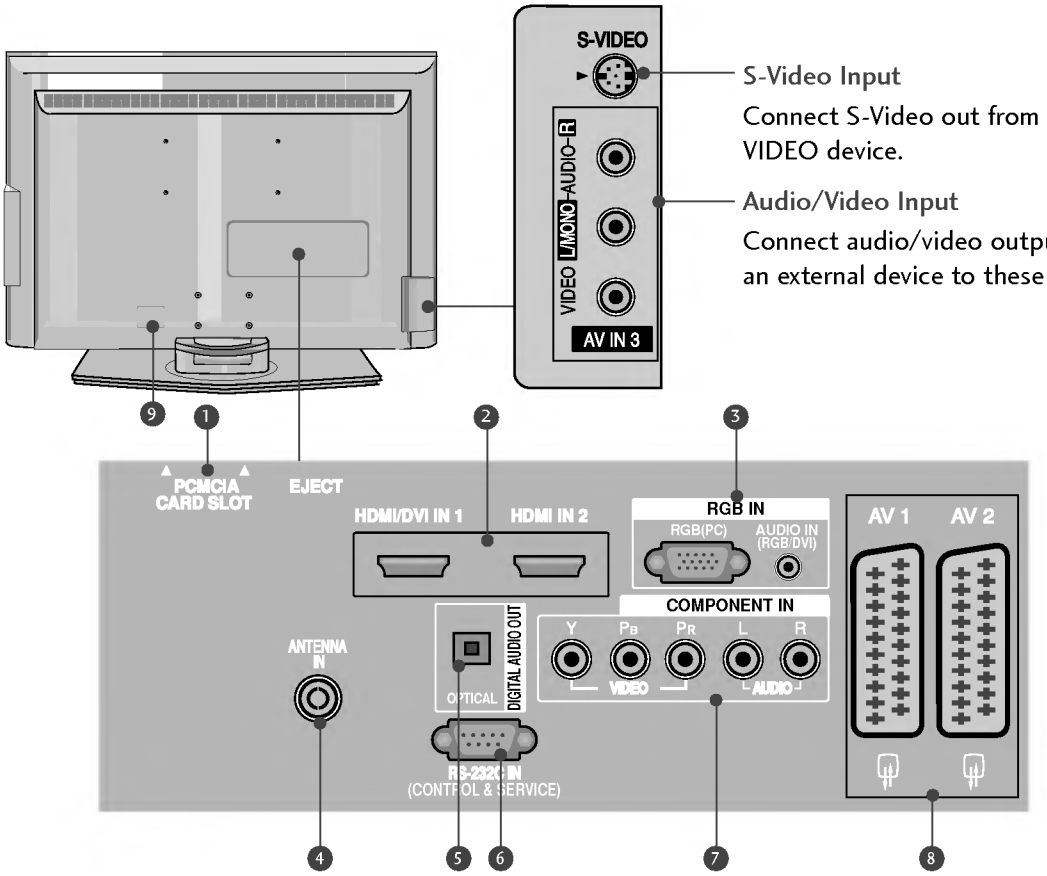
❼ Component Input
Connect a component video/audio device to these jacks.

❽ Euro Scart Socket (AV1/AV2)
Connect scart socket input or output from an external device to these jacks.

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

LCD TV Models

Except 26/32LB7*



S-Video Input

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

Audio/Video Input

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

❶ PCMCIA (Personal Computer Memory Card International Association) Card Slot
(This feature is not available in all countries.)

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

❸ RGB/DVI Audio Input
Connect the monitor output from a PC to the appropriate input port.

❹ Antenna Input
Connect over-the-air signals to this jack.

❺ DIGITAL AUDIO OUT OPTICAL
Connect digital audio from various types of equipment.
Note: In standby mode, these ports do not work.

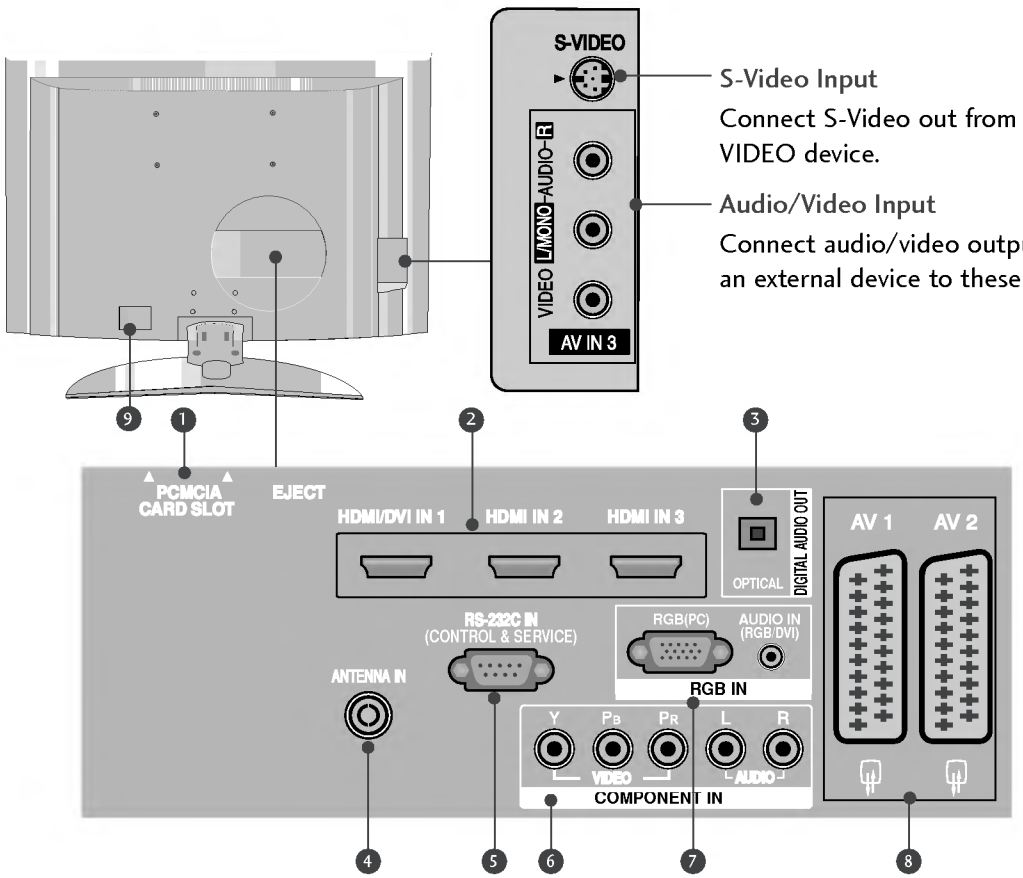
❻ RS-232C IN (CONTROL & SERVICE) PORT
Connect to the RS-232C port on a PC.

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

❽ Euro Scart Socket (AV1/AV2)
Connect scart socket input or output from an external device to these jacks.

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

Only 26/32LB7*



❶ PCMCIA (Personal Computer Memory Card International Association) Card Slot
(This feature is not available in all countries.)

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

❸ DIGITAL AUDIO OUT OPTICAL
Connect digital audio from various types of equipment.
Note: In standby mode, these ports do not work.

❹ Antenna Input
Connect over-the-air signals to this jack.

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

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

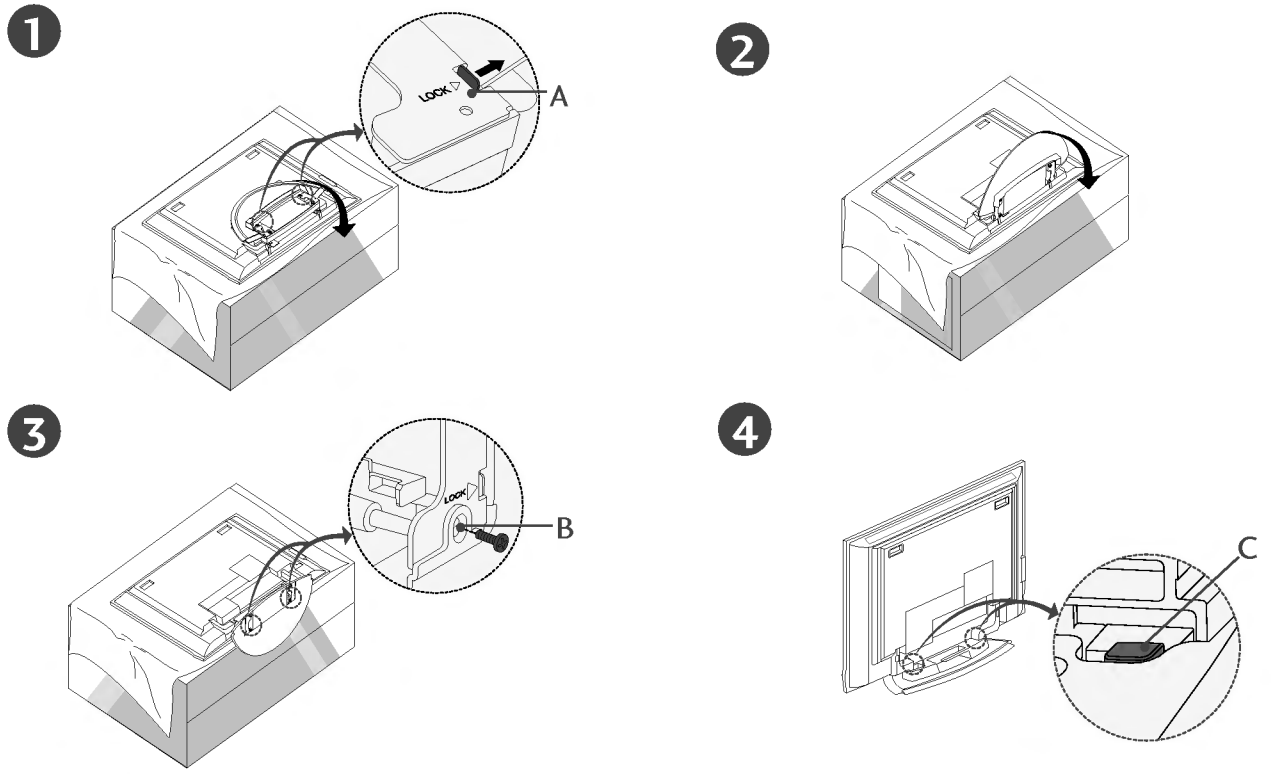
❼ RGB/DVI Audio Input
Connect the monitor output from a PC to the appropriate input port.

❽ Euro Scart Socket (AV1/AV2)
Connect scart socket input or output from an external device to these jacks.

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

STAND INSTALLATION (Only 42/50PC3*)

- This feature is not available for all models.



- Place the set with the screen facing down on a cushion or soft cloth as shown in Figures 1.
  Before unfolding the stand,please make sure two locks (A)on the bottom of the stand push outward.
- Pull the stand out as shown above in Figures 2 ~ 3.
  After unfolding the stand,please insert and tighten the screws in the holes (B)on the bottom of the stand.
- 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.

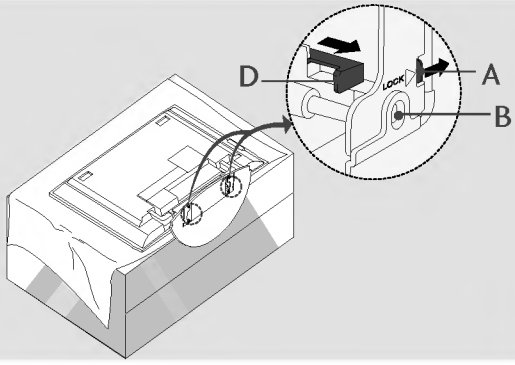
NOTE

Figures shown here may be slightly different from your set.

When closing the stand for storage

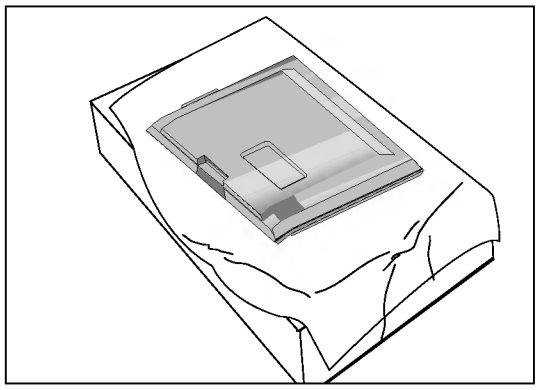
First remove the screws in the holes (B)on the bottom of the stand.And then pull two Hooks (D)of the stand bottom and fold the stand into the back of the set.

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

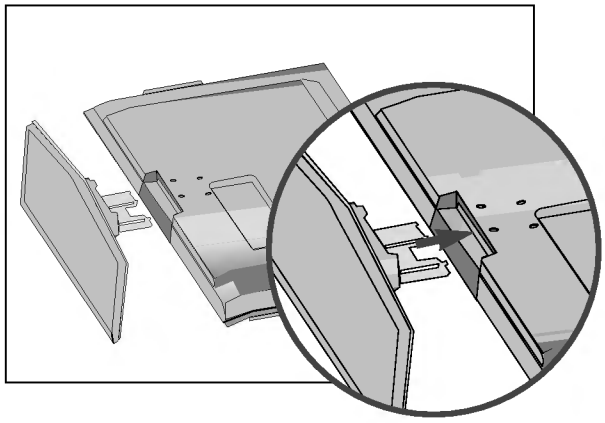


STAND INSTALLATION (Only 26, 32, 37 inch LCD TV Models)

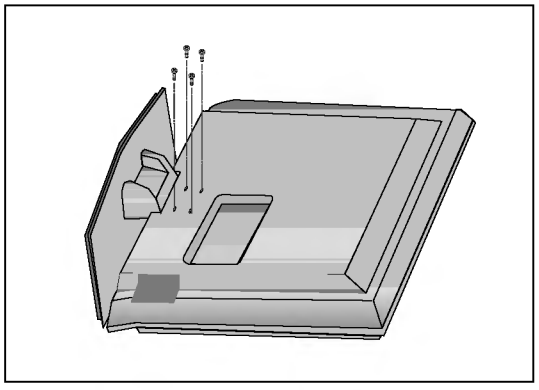
1. Carefully place the product screen side down on a cushioned surface that will protect product and screen from damage.



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



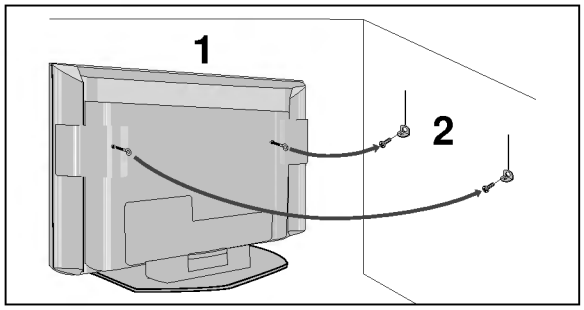
3. Install the 4 bolts securely, in the back of the product in the holes provided.



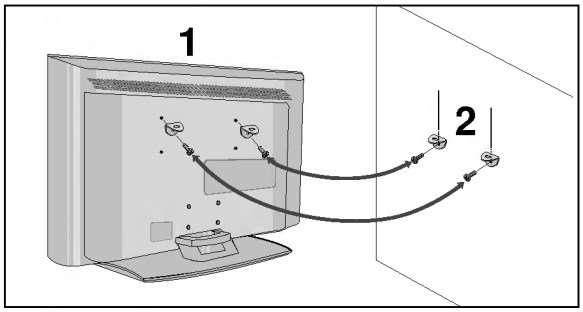
ATTACHING THE TV TO A WALL

- This feature is not available for all models.
- Set it up close to the wall so the product doesn't fall over when it is pushed backwards.
- The instructions shown below is a safer way to set up the product, which is to fix it on the wall so the product doesn't fall over when it is pulled in the forward direction. It will prevent the product from falling for-ward and hurting people. It will also prevent the product from damage caused by fall. Please make sure that children don't climb on or hang from the product.

Plasma TV models

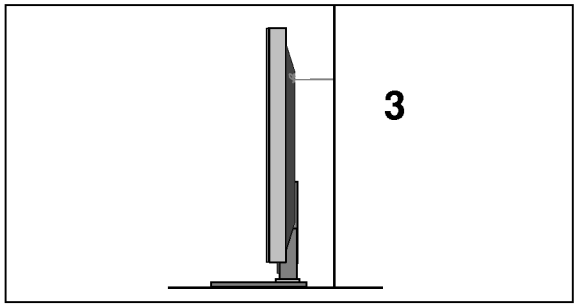


LCD TV models



1 Use the eye-bolts or TV brackets/bolts to fix 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.)
* Insert the eye-bolts or TV brackets/bolts and tighten them securely in the upper holes.

2 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.



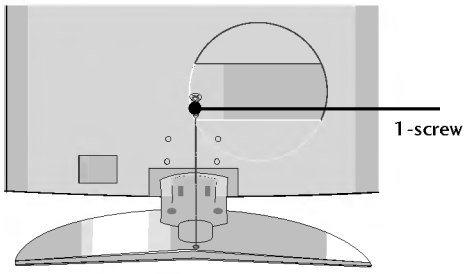
3 Use a sturdy rope (not provided as parts of the product, must purchase separately) to tie the product. It is safer to tie the rope so it becomes horizontal between the wall and the product.

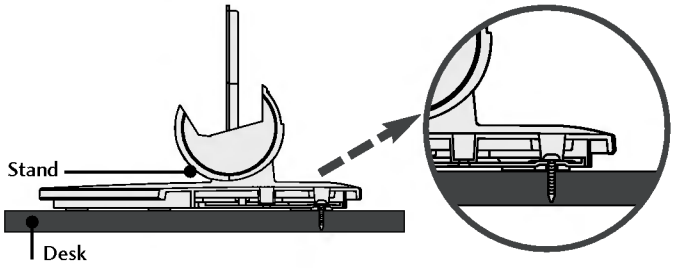
NOTE

- When moving the product to another place undo the ropes first.
- Use a product holder or a cabinet that is big and strong enough for the size and weight of the product.
- To use the product safely make sure that the height of the bracket that is mounted on the wall is same as that of the product.

ATTACHING THE TV TO A DESK (Only 26/32LB7* model)

The TV must be attached to desk so it cannot be pulled in a forward/backward direction, potentially causing injury or damaging the product. Use only an attached screw.





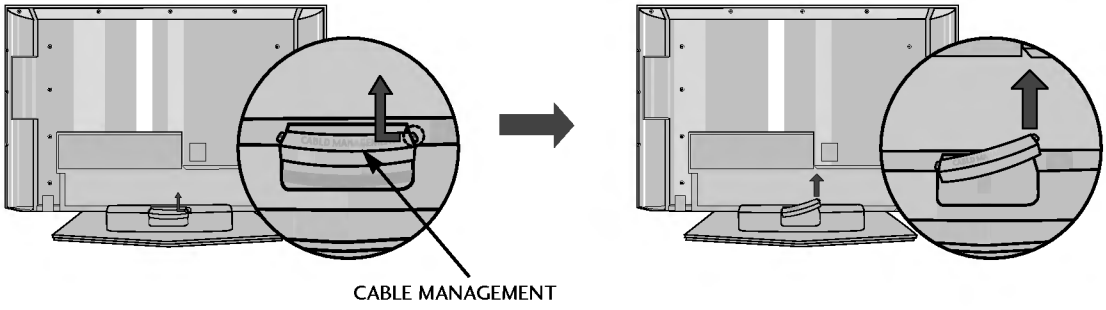
WARNING

- To prevent TV from falling over, the TV should be securely attached to the floor/wall per installation instructions. Tipping, shaking, or rocking the machine may cause injury.

BACK COVER FOR WIRE ARRANGEMENT

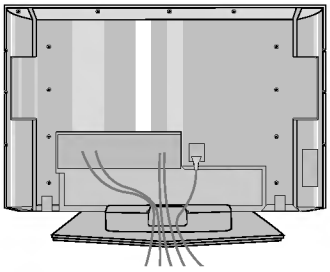
Plasma TV models (Except 42/50PC3*)

1 Hold the **CABLE MANAGEMENT** with hands and push it as shown.

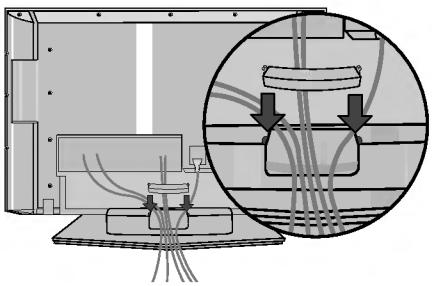


2 Connect the cables as necessary.

To connect an additional equipment, see the **External equipment Setup** section.



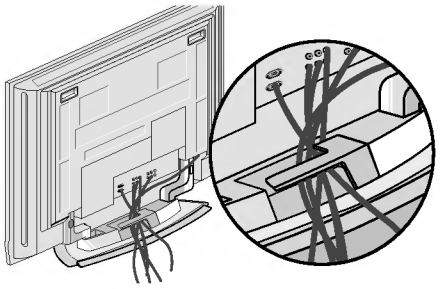
3 Reinstall the **CABLE MANAGEMENT** as shown.



Plasma TV models

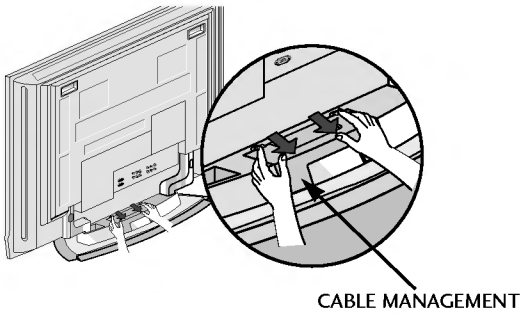
Only 42PC3*

Arrange the cables as shown picture.



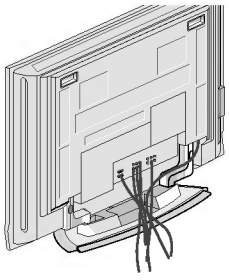
Only 50PC3*

1 Hold the **CABLE MANAGEMENT** with both hands and push it as shown.

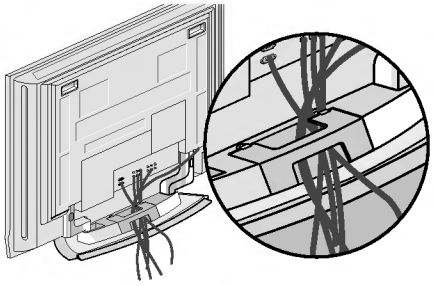


2 Connect the cables as necessary.

To connect an additional equipment, see the **External equipment Setup** section.



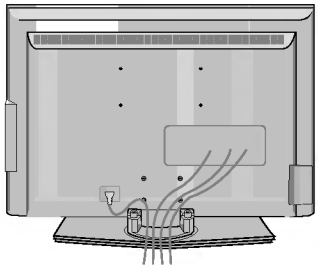
3 Reinstall the **CABLE MANAGEMENT** as shown.



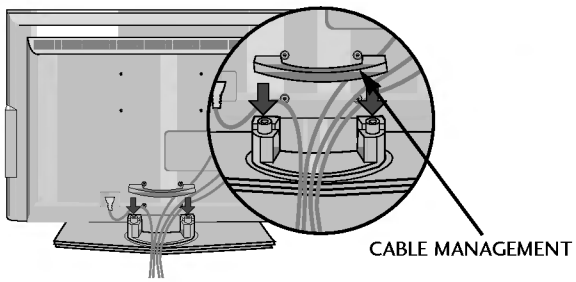
LCD TV models (Except 26/32LB7*)

1 Connect the cables as necessary.

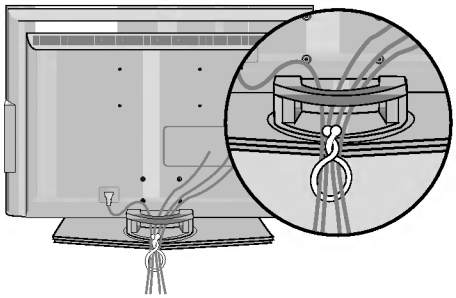
To connect an additional equipment, see the **External equipment Setup** section.



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

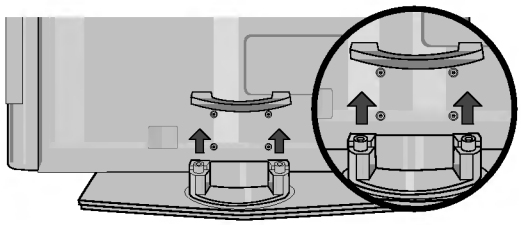


3 Bundle the cables using the supplied twister holder. **(This feature is not available for all models.)**



How to remove the cable management

Hold the **CABLE MANAGEMENT** with both hands and pull it upward.



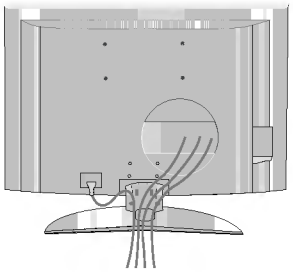
NOTE

► 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.

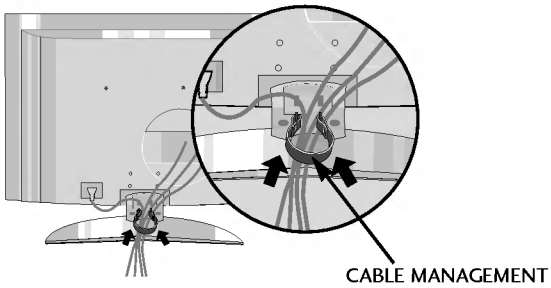
LCD TV model (Only 26/32LB7*)

1 Connect the cables as necessary.

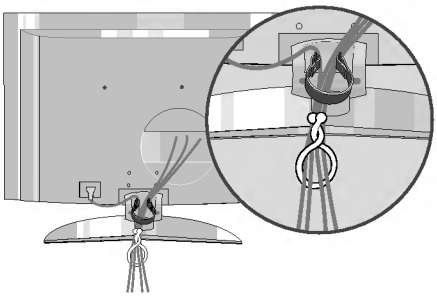
To connect an additional equipment, see the **External equipment Setup** section.



2 Install the **CABLE MANAGEMENT** as shown.
(Insert it as pushing the loops on the both sides of the cable management.)

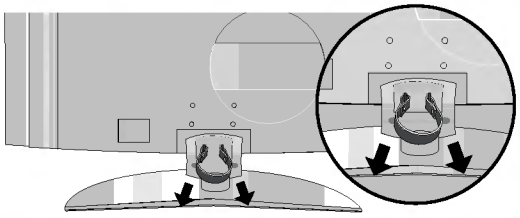


3 Bundle the cables using the supplied twist holder. **(This feature is not available for all models.)**



How to remove the cable management

Hold the **CABLE MANAGEMENT** with both hands and pull it out.
(Pull it out as holding the loops on the both sides of the cable management.)



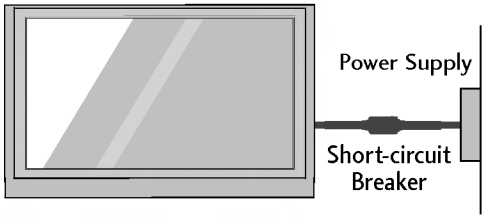
NOTE

► 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.

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

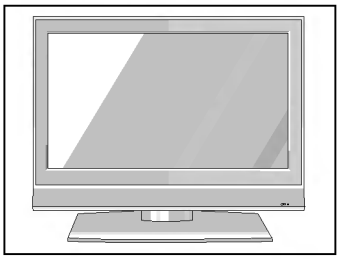
GROUNDING

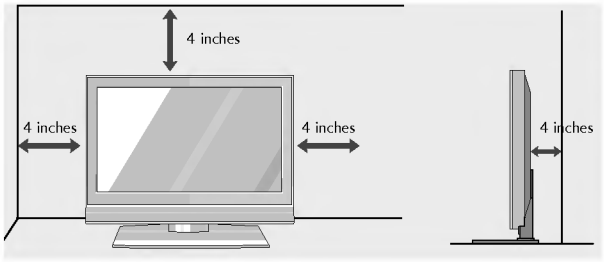
Ensure that you connect the earth ground wire to prevent possible electric shock. If grounding methods are not possible, have a qualified electrician install a separate circuit breaker. Do not try to ground the unit by connecting it to telephone wires, lightening rods, or gas pipes.



Desktop Pedestal Installation

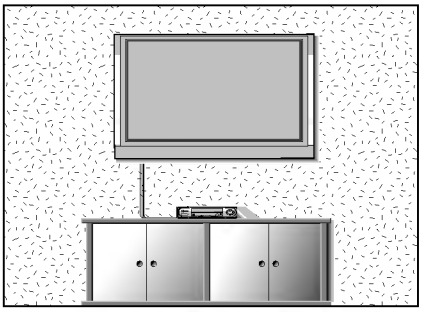
For proper ventilation, allow a clearance of 4" on each side and from the wall.

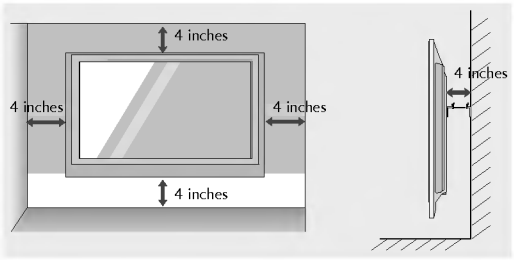


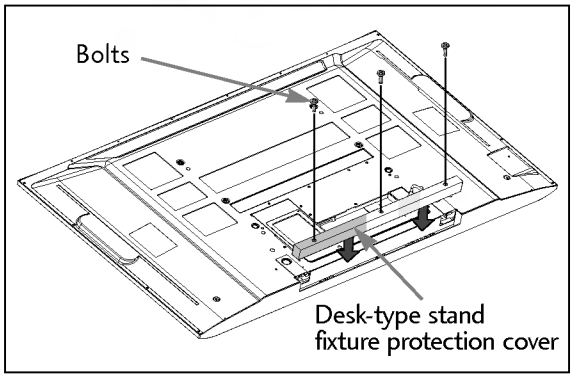


Wall Mount: Horizontal installation

For proper ventilation, allow a clearance of 4" on each side and from the wall. Detailed installation instructions are available from your dealer, see the optional Tilt Wall Mounting Bracket Installation and Setup Guide.







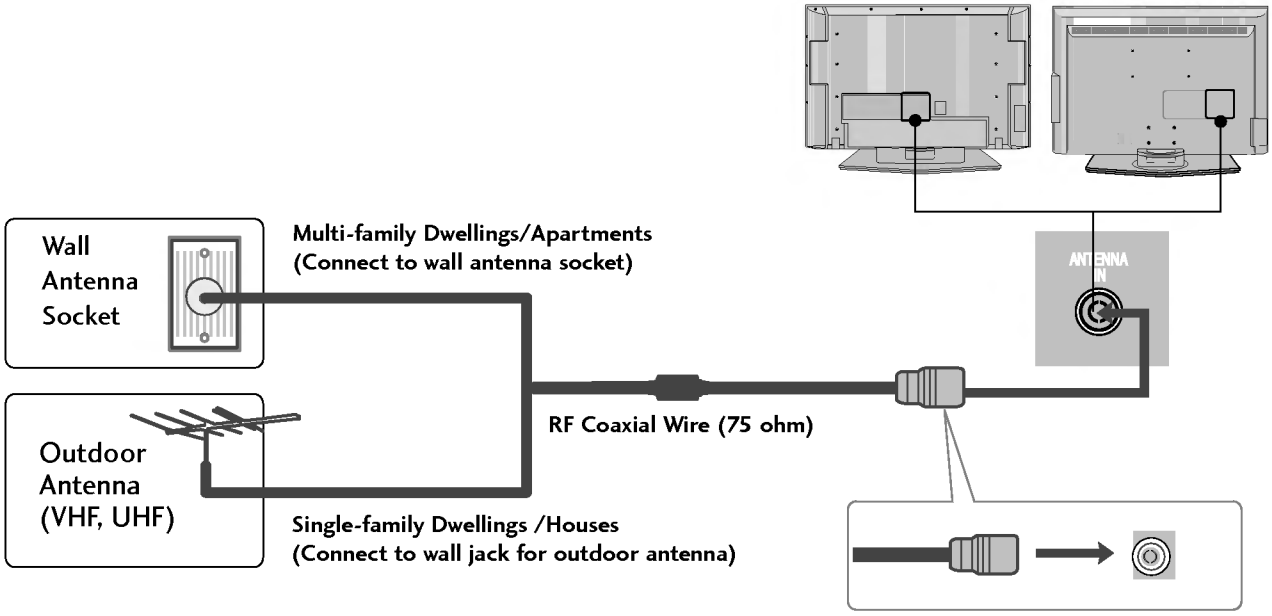
If you want to install the desk-type stand fixture protection cover (50PB6* only)

To prevent the foreign materials from entering the desk-type stand fixture, fix the desk-type stand fixture protection cover by using the supplied bolts as shown at the figure.

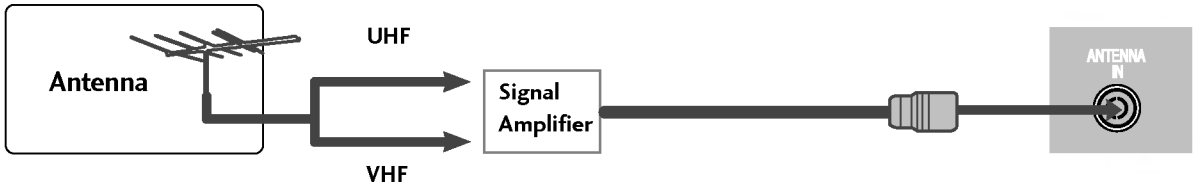
■ To prevent the equipment damage, never plug in any power cords until you have finished connecting all equipment.

ANTENNA CONNECTION

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



- Be careful not to bend the bronze wire when connecting to an antenna port.
- 5V antenna power works In Digital mode only. (Refer to p. 51)



■ 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.

EXTERNAL EQUIPMENT SETUP

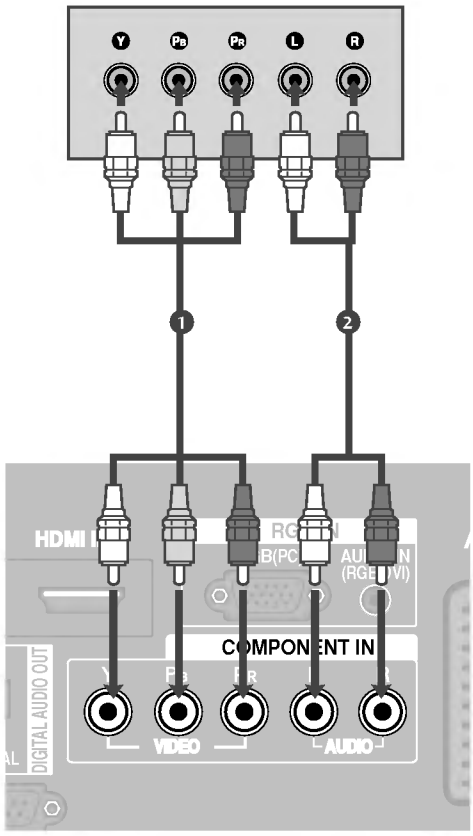
- To prevent the equipment damage, never plug in any power cords until you have finished connecting all equipment.
- **This part of EXTERNAL EQUIPMENT SETUP mainly use pictures for the LCD TV models.**

HD RECEIVER SETUP

- This TV can receive Digital Over-the-air/Cable signals without an external digital set-top box.However,if you do receive Digital signals from a digital set-top box or other digital external device,refer to the figure as shown below.

When connecting with a component cable

1. Connect the video outputs (Y, PB, PR) of the digital set top box to the **COMPONENT IN VIDEO** jacks on the set.
2. Connect the audio output of the digital set-top box to the **COMPONENT IN AUDIO** jacks on the set.
3. Turn on the digital set-top box.
   (Refer to the owner's manual for the digital set-top box.)
4. Select **COMPONENT** input source with using the **INPUT** button on the remote control.

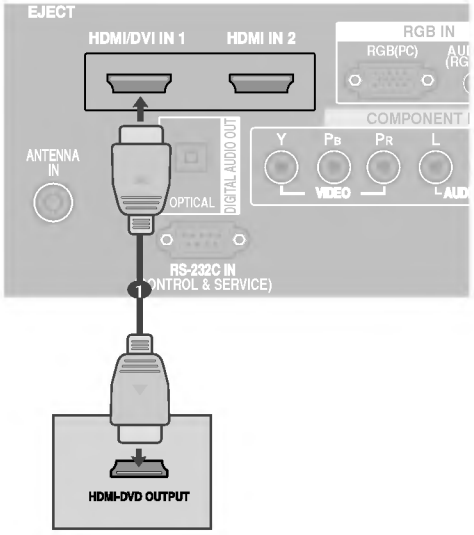


Signal	Component	HDMI1/2/3 (HDMI3 : only 26/32LB7*)
480i/576i	Yes	No
480p/576p	Yes	Yes
720p/1080i	Yes	Yes
1080p	No	Yes

When connecting with a HDMI cable

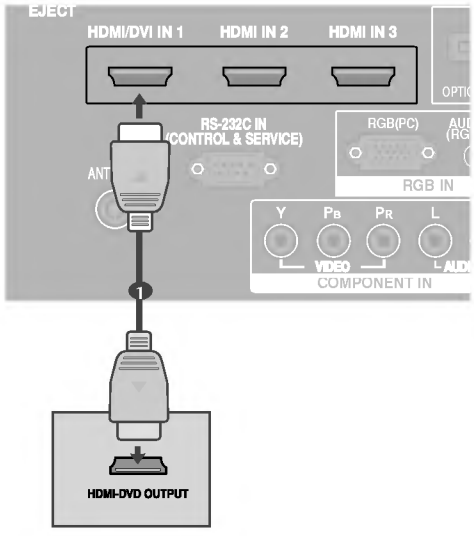
Except 26/32LB7*

1. Connect the digital set-top box to **HDMI/DVI IN 1** or **HDMI IN 2** jack on the set.
2. Turn on the digital set-top box.
   (Refer to the owner's manual for the digital set-top box.)
3. Select **HDMI1** or **HDMI2** input source with using the **INPUT** button on the remote control.



Only 26/32LB7*

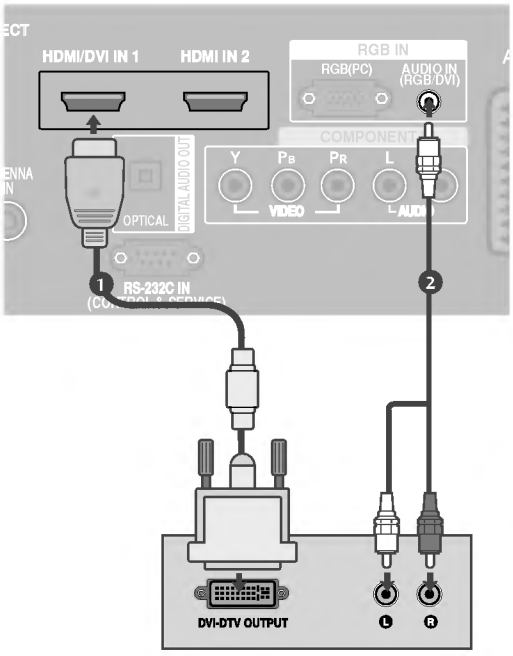
1. Connect the digital set-top box to **HDMI/DVI IN 1**, **HDMI IN 2** or **HDMI IN 3** jack on the set.
2. Turn on the digital set-top box.
   (Refer to the owner's manual for the digital set-top box.)
3. Select **HDMI1**, **HDMI2** or **HDMI3** input source with using the **INPUT** button on the remote control.



When connecting with a HDMI to DVI cable

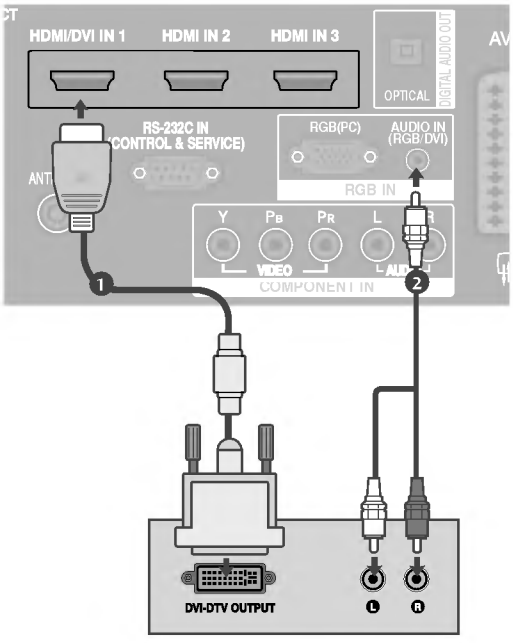
Except 26/32LB7*

1. Connect the digital set-top box to **HDMI/DVI IN 1** jack on the set.
2. Connect the audio output of the digital set-top box to the **AUDIO IN (RGB/DVI)** jack on the set.
3. Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)
4. Select **HDMI1** input source with using the **INPUT** button on the remote control.



Only 26/32LB7*

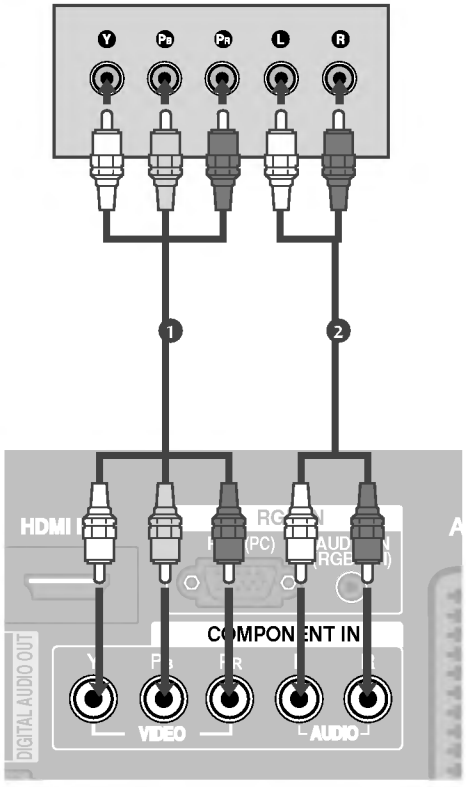
1. Connect the digital set-top box to **HDMI/DVI IN 1** jack on the set.
2. Connect the audio output of the digital set-top box to the **AUDIO IN (RGB/DVI)** jack on the set.
3. Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)
4. Select **HDMI1** input source with using the **INPUT** button on the remote control.



DVD SETUP

When connecting with a component cable

1. Connect the video outputs (Y, P_B, P_R) of the DVD to the **COMPONENT IN VIDEO** jacks on the set.
2. Connect the audio outputs of the DVD to the **COMPONENT IN AUDIO** jacks on the set.
3. Turn on the DVD player, insert a DVD.
4. Select **COMPONENT** input source with using the **INPUT** button on the remote control.
5. Refer to the DVD player's manual for operating instructions.



Component Input ports

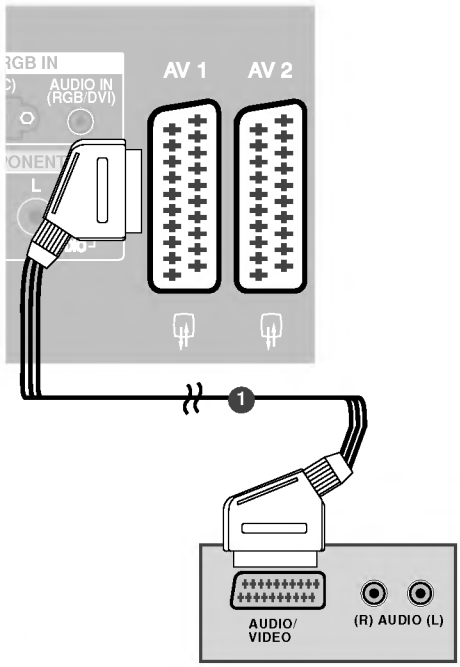
To get better picture quality, connect a DVD player to the component input ports as shown below.

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

EXTERNAL EQUIPMENT SETUP

When connecting with a Euro Scart

1. Connect the Euro scart socket of the DVD to the **AV1** Euro scart socket on the set.
2. Turn on the DVD player, insert a DVD.
3. Select **AV1** input source with using the **INPUT** button on the remote control.
   If connected to **AV2** Euro scart socket, select **AV2** input source.
4. Refer to the DVD player's manual for operating instructions.

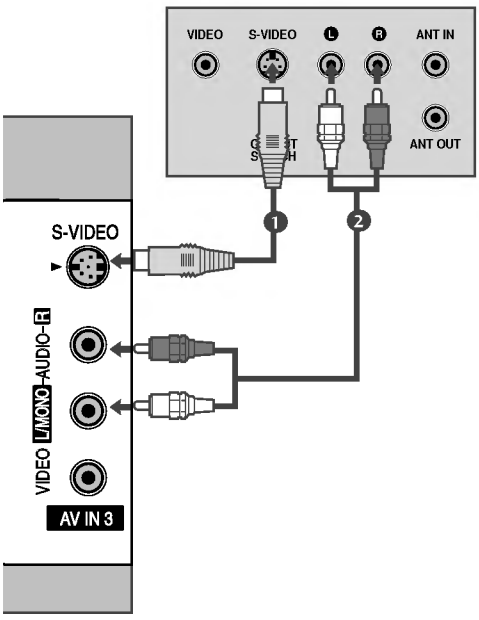


NOTE

- If you want to use the EURO scart cable, you have to use the signal shielded Euro scart cable.

When connecting with an S-Video cable

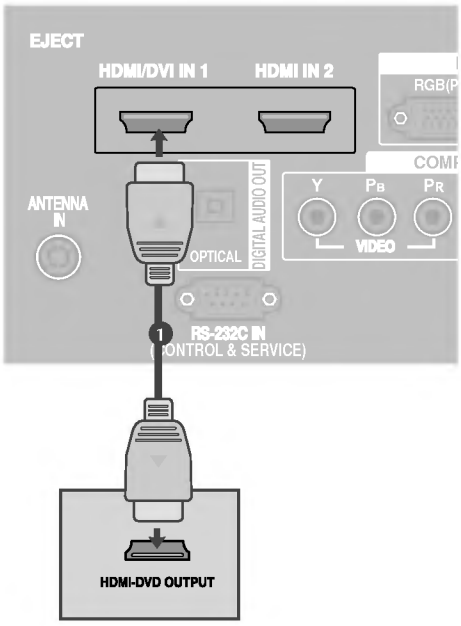
1. Connect the S-VIDEO output of the DVD to the **S-VIDEO** input on the set.
2. Connect the audio outputs of the DVD to the **AUDIO** input jacks on the set.
3. Turn on the DVD player, insert a DVD.
4. Select **AV3** input source with using the **INPUT** button on the remote control.
5. Refer to the DVD player's manual for operating instructions.



When connecting HDMI cable

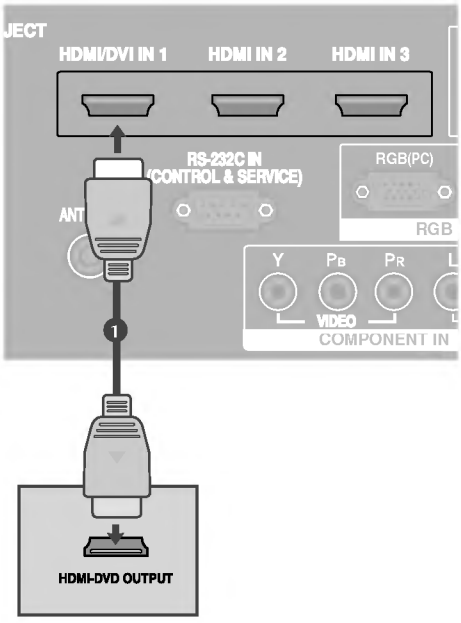
Except 26/32LB7*

1. Connect the HDMI output of the DVD to the **HDMI/DVI IN 1** or **HDMI IN 2** jack on the set.
2. Select **HDMI1**or **HDMI2** input source with using the **INPUT** button on the remote control.
3. Refer to the DVD player's manual for operating instructions.



Only 26/32LB7*

1. Connect the HDMI output of the DVD to the **HDMI/DVI IN 1**, **HDMI IN 2** or **HDMI IN 3** jack on the set.
2. Select **HDMI1**, **HDMI2** or **HDMI3** input source with using the **INPUT** button on the remote control.
3. Refer to the DVD player's manual for operating instructions.

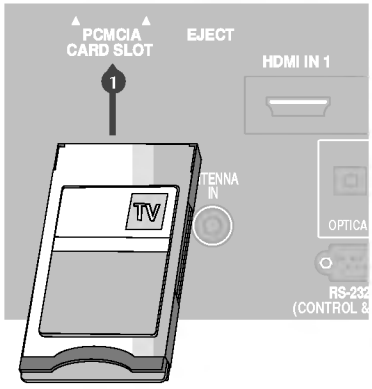


NOTE

- TV can receive the video and audio signal simultaneously with using a HDMI cable.
- If the DVD does not support Auto HDMI, you need to set the output resolution appropriately.

INSERTION OF CI MODULE

- **To view the scrambled (pay) services in digital TV mode.**
- **This feature is not available in all countries.**



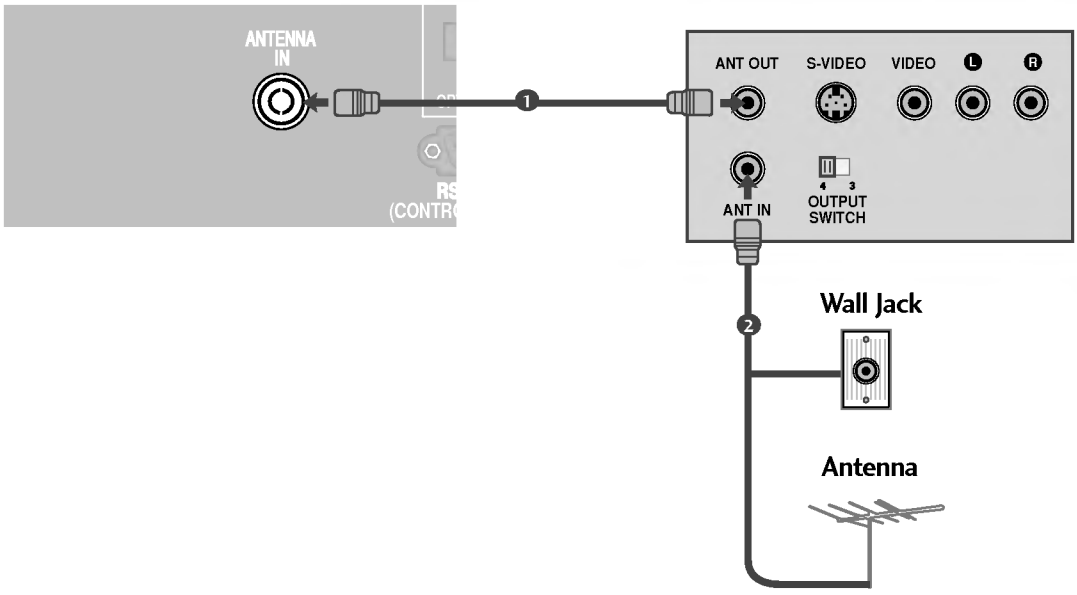
1 Insert the CI Module to **PCMCIA** (Personal Computer Memory Card International Association) **CARD SLOT** of TV as shown.

For further information, see p.54.

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

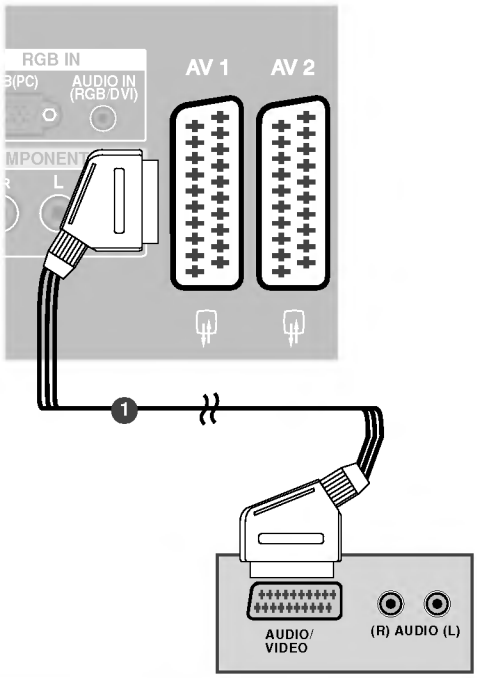


1. Connect the **ANT OUT** socket of the VCR to the **ANTENNA IN** socket on the set.
2. Connect the antenna cable to the **ANT IN** socket of the VCR.
3. Press the **PLAY** button on the VCR and match the appropriate programme between the TV and VCR for viewing.

EXTERNAL EQUIPMENT SETUP

When connecting with a Euro Scart

1. Connect the Euro scart socket of the VCR to the **AV1** Euro scart socket on the set.
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 with using the **INPUT** button on the remote control.
4. If connected to **AV2** Euro scart socket, select **AV2** input source.

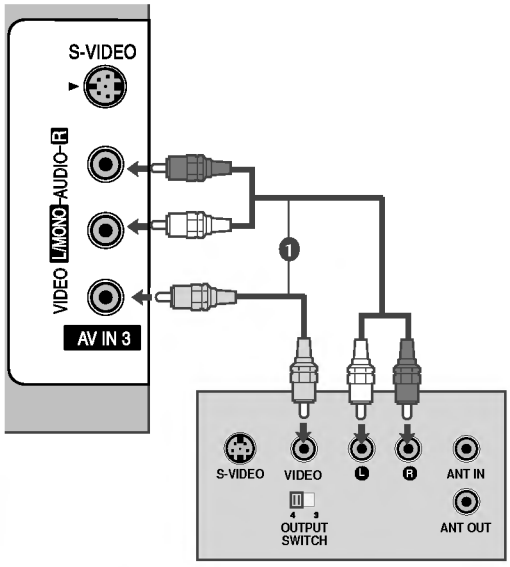


NOTE

► If you want to use the EURO scart cable, you have to use the signal shielded Euro scart cable.

When connecting with a RCA cable

1. Connect the **AUDIO/VIDEO** jacks between TV and VCR. Match the jack colours (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 **AV3** input source using the **INPUT** button on the remote control.

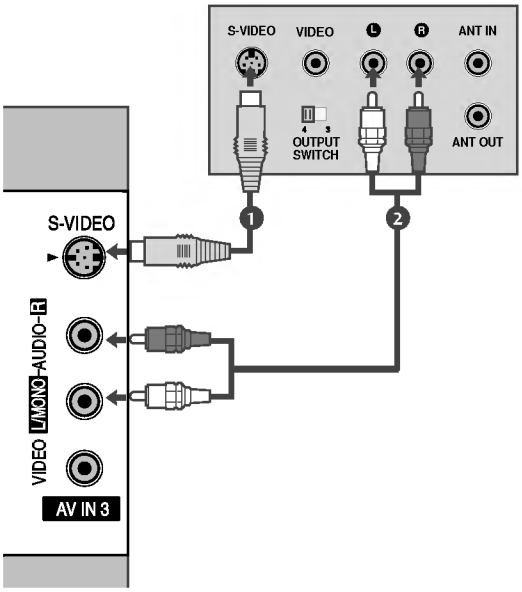


NOTE

► 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 **AV3** input source with using the **INPUT** button on the remote control.



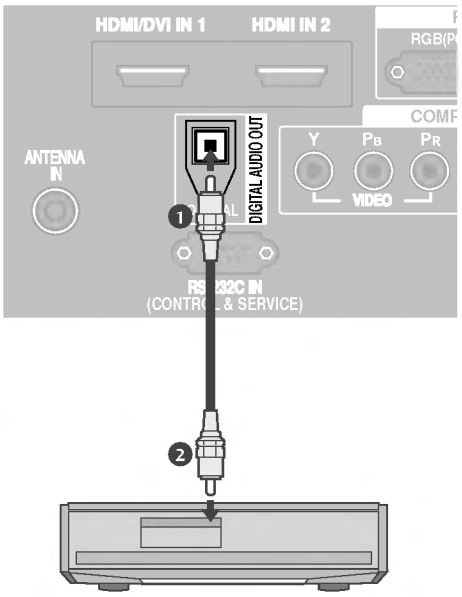
NOTE

- If both S-VIDEO and VIDEO sockets have been connected to the S-VHS VCR simultaneously, only the S-VIDEO can be received.

DIGITAL AUDIO OUT SETUP

Send the TV's audio to external audio equipment via the Digital Audio Output (Optical) port.

1. Connect one end of an optical cable to the TV Digital Audio (Optical) Output port.
2. Connect the other end of the optical cable to the digital audio (optical) input on the audio equipment.
3. Set the "TV Speaker option - Off" in the AUDIO menu. (▶p.85). See the external audio equipment instruction manual for operation.

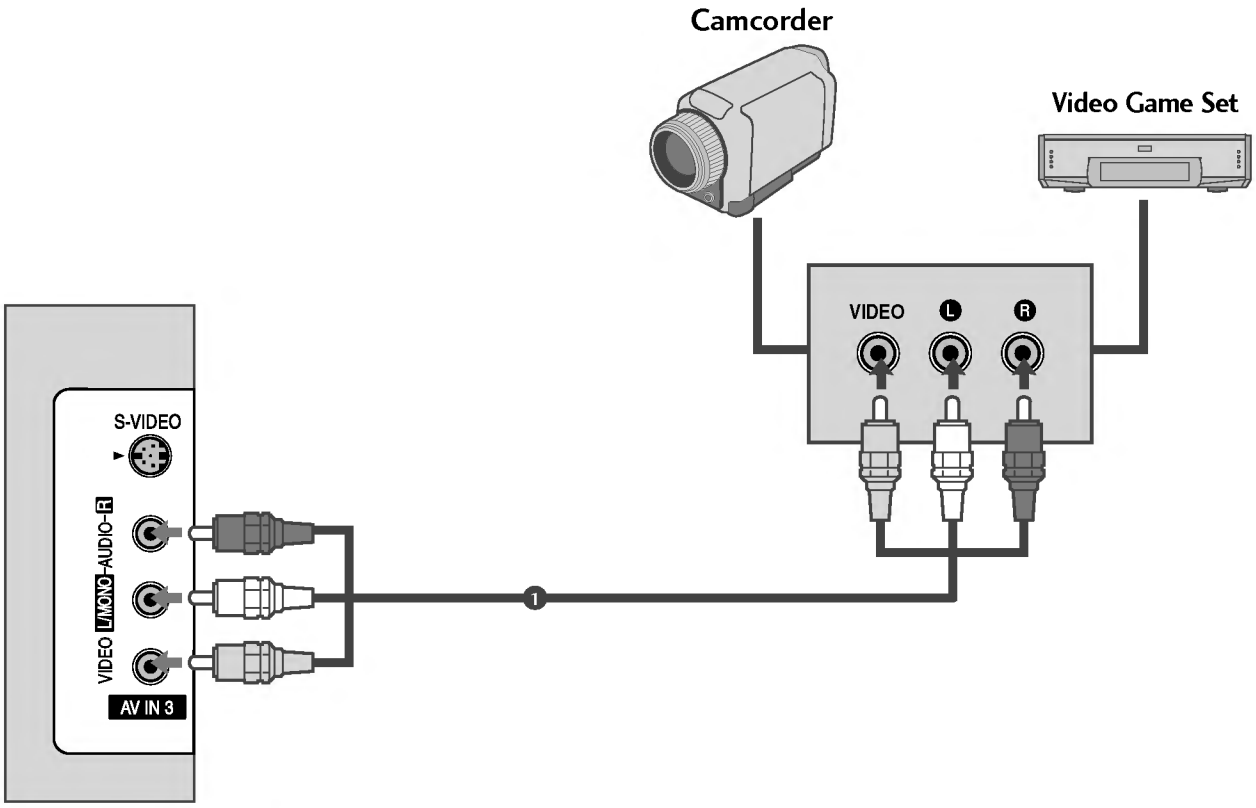


CAUTION

- Do not look into the optical output port. Looking at the laser beam may damage your vision.

EXTERNAL EQUIPMENT SETUP

OTHER A/V 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)

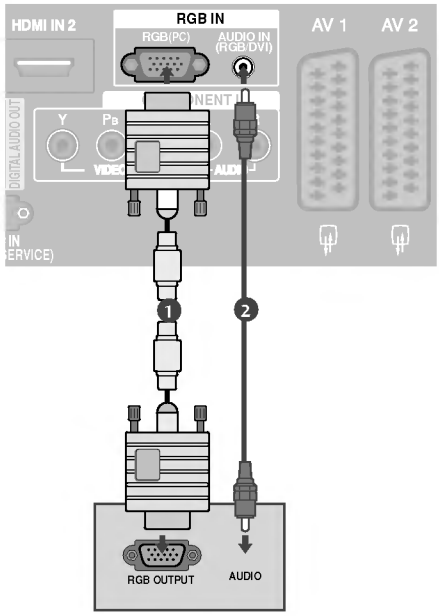
2. Select **AV3** input source with using the **INPUT** button on the remote control.

3. Operate the corresponding external equipment.
   Refer to external equipment operating guide.

PC SETUP

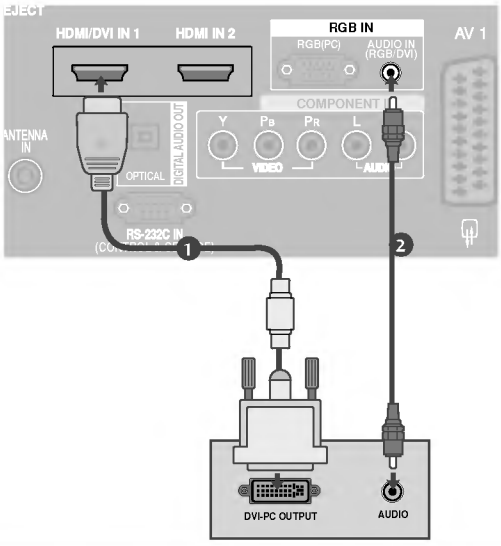
This TV provides Plug and Play capability, meaning that the PC adjusts automatically to the TV's settings.

When connecting with a D-sub 15 pin cable



1. Connect the RGB output of the PC to the **RGB (PC)** jack on the set.
2. Connect the PC audio output to the **AUDIO IN (RGB/DVI)** jack on the set.
3. Turn on the PC and the set.
4. Select **RGB** input source with using the **INPUT** button on the remote control.

When connecting with a HDMI to DVI cable



1. Connect the DVI output of the PC to the **HDMI/DVI IN 1** jack on the set.
2. Connect the PC audio output to the **AUDIO IN (RGB/DVI)** jack on the set.
3. Turn on the PC and the set
4. Select **HDMI1** input source with using the **INPUT** button on the remote control.

NOTE

- If the PC has a DVI output and no HDMI output, a separated audio connection is necessary.
- If the PC does not support Auto DVI, you need to set the output resolution appropriately. To get the best picture quality, adjust the output resolution of PC graphics card's output resolution to 1024x768, 60Hz.

NOTE

- To enjoy vivid picture and sound, connect a PC to the set.
- Avoid keeping a fixed image on the set's screen for a long period of time. The fixed image may become permanently imprinted on the screen; use a screen saver when possible.
- Connect PC to the RGB (PC) or HDMI IN (or HDMI/DVI IN) port of the set; change the resolution output of PC accordingly.
- There might be noise according to some resolution, vertical pattern, contrast or brightness in PC mode. Change the PC mode into another resolution or change the refresh rate into another rate or adjust the brightness and contrast on the menu until the picture is clean. If the refresh rate of the PC graphic card can not be changed, change the PC graphic card or consult it to the manufacturer of the PC graphic card.
- The synchronization input waveform for Horizontal and Vertical frequencies are separate.
- In Plasma TV models, we recommend using 1024x768, 60Hz for the PC mode, they provide the best picture quality.
- Connect the signal cable from the monitor output port of the PC to the RGB (PC/DTV) port of the set or the signal cable from the HDMI output port of the PC to the HDMI IN (or HDMI/DVI IN) port on the set.
- Connect the audio cable from the PC to the Audio input on the set. (Audio cables are not included with the set).
- If using a sound card, adjust PC sound as required.
- This set uses a VESA Plug and Play Solution. The set provides EDID data to the PC system with a DDC protocol. The PC adjusts automatically when using this set.
- DDC protocol is preset for RGB (Analog RGB), HDMI (Digital RGB) mode.
- If required, adjust the settings for Plug and Play functionally.
- If graphic card on the PC does not output analog and digital RGB simultaneously, connect only one of either RGB or HDMI IN (or HDMI/DVI IN) to display the PC on the set.
- If graphic card on the PC does output analog and digital RGB simultaneously, set the set to either RGB or HDMI; (the other mode is set to Plug and Play automatically by the set.)
- DOS mode may not work depending on video card if you use a HDMI to DVI cable.
- 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.

Supported Display Resolution

Except 26/32LB7*

RGB[PC] / HDMI[PC] mode

Resolution	Horizontal Frequency(kHz)	Vertical Frequency(Hz)
720x400	31.468	70.08
640x480	31.469	59.94
	37.684	75.00
800x600	37.879	60.31
	46.875	75.00
832x624	49.725	74.55
1024x768	48.363	60.00
	56.476	70.00
	60.123	75.029
1280x768	47.78	59.87
1360x768	47.72	59.8
1366x768	47.56	59.6
1920x1080	66.647	59.988

HDMI[DTV] mode

Resolution	Horizontal Frequency(kHz)	Vertical Frequency(Hz)
640x480	31.469	59.94
	31.469	60.00
720x480	31.47	59.94
	31.50	60.00
720x576	31.25	50.00
1280x720	37.50	50.00
	44.96	59.94
	45.00	60.00
1920x1080	33.72	59.94
	33.75	60.00
	28.125	50.00
	27.00	24.00
	56.25	50.00
	67.433	59.94
	67.500	60.00

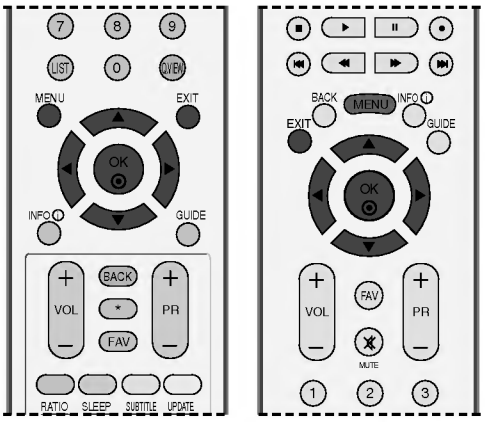
Only 26/32LB7*

RGB[PC] / HDMI[PC] mode

Resolution	Horizontal Frequency(kHz)	Vertical Frequency(Hz)
720x400	31.468	70.08
640x480	31.469	59.94
	37.500	75.00
800x600	37.879	60.31
	46.875	75.00
832x624	49.725	74.55
1024x768	48.363	60.00
	56.476	70.00
	60.023	75.023
1280x768	47.649	59.99
1360x768	47.649	59.94
1366x768	47.649	59.94
1920x1080	66.647	59.988

HDMI[DTV] mode

Resolution	Horizontal Frequency(kHz)	Vertical Frequency(Hz)
640x480	31.469	59.94
	31.469	60.00
720x480	31.47	59.94
	31.50	60.00
720x576	31.25	50.00
1280x720	37.50	50.00
	44.96	59.94
	45.00	60.00
1920x1080	28.125	50.00
	33.72	59.94
	33.75	60.00
	27.000	24.00
	56.250	50.00
	67.433	59.94
	67.500	60.00



Screen Setup for PC mode

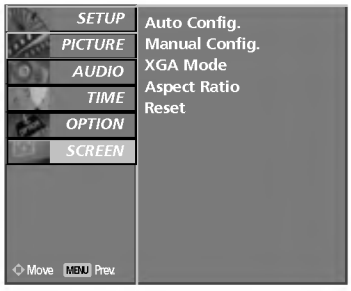
Auto Configure (RGB [PC] mode only)

Automatically adjusts picture position and minimizes image shaking.After adjustment, if the image is still not correct, your set is functioning properly but needs further adjustment.

Auto configure

This function is for the automatic adjustment of the screen position, clock, and phase. The displayed image will unstable for a few seconds while the auto configuration is in progress.

1. Press the **MENU** button and then use ▲ or ▼ button to select the **SCREEN** menu.
2. Press the ► button and then use ▲ or ▼ button to select **Auto Config.**.
3. Press the ► button to start **Auto Config.**.
   - When **Auto Config.** has finished, **OK** will be shown on screen.
   - If the position of the image is still not correct, try Auto adjustment again.
   - If picture needs to be adjusted more after Auto adjustment in RGB (PC), you can adjust the **Manual Config.**.
4. Press the EXIT button to return to normal TV viewing.



1

2 3

Adjustment for screen Phase, Clock, Position

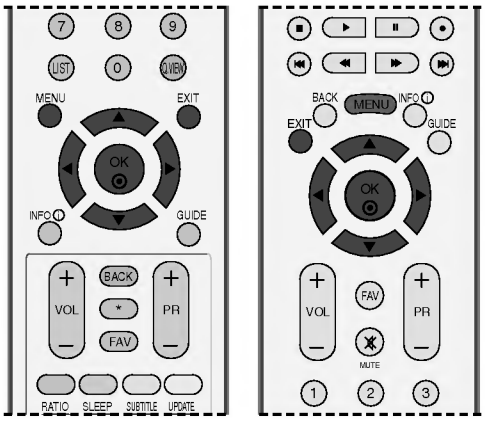
If the picture isn't clear after auto adjustment and especially if characters are still trembling, adjust the picture phase manually.

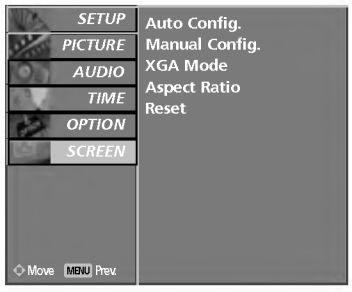
To correct the screen size, adjust **Clock**.

This function works in the following mode : RGB[PC].

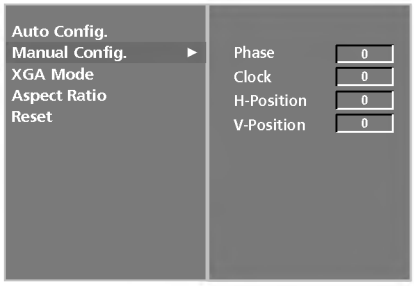
Clock This function is to minimize any vertical bars or stripes visible on the screen background. And the horizontal screen size will also change.

Phase This function allows you to remove any horizontal noise and clear or sharpen the image of characters.





1



2 3 4

1. Press the MENU button and then use ▲ or ▼ button to select the **SCREEN** menu.
2. Press the ▶ button and then ▲ or ▼ button to select **Manual Config.**.
3. Press the ▶ button and then ▲ or ▼ button to select **Phase**, **Clock**, **H-Position** or **V-Position**.
4. Press the ◀ or ▶ button to make appropriate adjustments.
5. Press the EXIT button to return to normal TV viewing.