LG

Life's Good

LCD TV | PLASMA TV
OWNER'S MANUAL

LCD TV MODELS		PLASMA TV MODEL
32LC5DC	32LC50C	42PX8DC
32LC5DCS	32LC50CS	42PG65C
32LC5DCB	32LC50CB	42PG60C
37LC5DC	32LX50C	
37LC5DCB	32LX50CS	
37LC5DC1	37LC50C	
42LC5DC	37LC50CB	
32LX5DC	42LB50C	
32LX5DCS	42LC50C	
42LB5DC		

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.

WARNING / CAUTION

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 main-
tenance (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.

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 sys-
tem of the building, as close to the point of the cable
entry as practical.

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 com-
ply with the limits for a Class B digital device, pur-
suant 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 fre-
quency 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 televi-
sion 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 con-
  nected.
- 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
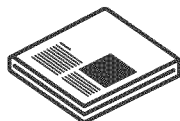equipment.**

CAUTION

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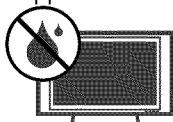authority to operate this product

2

SAFETY INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

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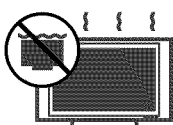**Heed all warnings.**
Follow all instructions.

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.
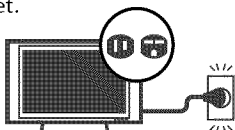
6. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
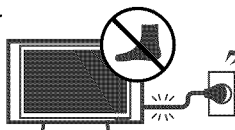
7. Only use attachments/accessories specified by the manufacturer.
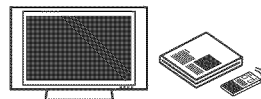
8. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
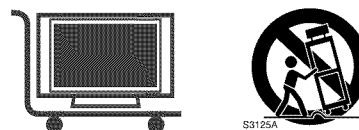
9. Unplug this apparatus during lighting storms or when unused for long periods of time.
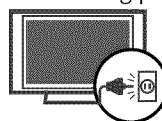
10. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
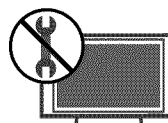
11. Never touch this apparatus or antenna during a thunder or lighting storm.

12. When mounting a TV on the wall, make sure not to install the TV by the hanging power and signal cables on the back of the TV.

13. Do not allow an impact shock or any objects to fall into the product, and do not drop onto the screen with something.

14. CAUTION concerning the Power Cord:
It is recommend that appliances 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 connect too many appliances to the same AC power outlet as this could result in fire or electric shock.

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SAFETY INSTRUCTIONS

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.
Do not make the TV with the power cord plugged in. Do not use a damaged or loose power cord. Be sure do grasp the plug when unplugging the power cord. Do not pull on the power cord to unplug the TV.
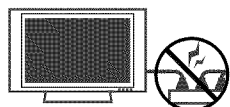
(15) WARNING - To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids. Do not touch the TV with wet hands. Do not install this product near flammable objects such as gasoline or candles or expose the TV to direct air conditioning.
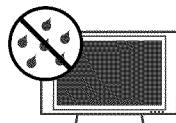
(16) Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).
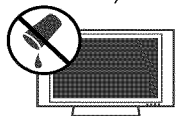
(17) GROUNDING
Ensure that you connect the earth ground wire to prevent possible electric shock (i.e. a TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet). If grounding methods are not possible, have a qualified electrician install a separate circuit breaker.
Do not try to ground the unit by connecting it to telephone wires, lightening rods, or gas pipes.

Power Supply
Short-circuit Breaker
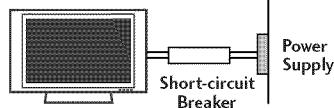
(18) DISCONNECTING DEVICE FROM MAINS
Mains plug is the disconnecting device. The plug must remain readily operable.

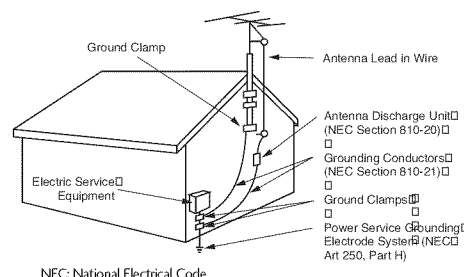**(19)** Keep the product away from direct sunlight.

(20) ANTENNAS
Outdoor antenna grounding
If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits as death or serious injury can occur.
Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.
Section 810 of the National Electrical Code (NEC) in the U.S.A. provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements for the grounding electrode.
Antenna grounding according to the National Electrical Code, ANSI/NFPA 70

Ground Clamp — Antenna Lead in Wire
Antenna Discharge Unit
(NEC Section 810-20)
Grounding Conductors
(NEC Section 810-21)
Electric Service Equipment — Ground Clamps
Power Service Grounding Electrode System (NEC Art 250, Part H)
NEC: National Electrical Code

(21) Cleaning
When cleaning, unplug the power cord and scrub gently with a soft cloth to prevent scratching. Do not spray water or other liquids directly on the TV as electric shock may occur. Do not clean with chemicals such as alcohol, thinners or benzene.

(22) Moving
Make sure the product is turned off, unplugged and all cables have been removed. It may take 2 or more people to carry larger TVs. Do not press against or put stress on the front panel of the TV.

(23) Ventilation
Install your TV where there is proper ventilation. Do not install in a confined space such as a bookcase. Do not cover the product with cloth or other materials (e.g.) plastic while plugged in. Do not install in excessively dusty places.

(24) If you smell smoke or other odors coming from the TV or hear strange sounds, unplug the power cord contact an authorized service center.

On Disposal (Only Hg lamp used LCD TV)
The fluorescent lamp used in this product contains a small amount of mercury. 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.

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CONTENTS

HOW TO USE THE OWNER'S MANUAL ON THE CD-ROM

To view the Owner's Manual on the CD-ROM, Adobe Acrobat Reader must be installed on your PC.
The "ACRORD" folder on the CD-ROM contains the installation programs for them.
If you want to install those programs, Open the "My Computer"→ Open the "LG"→ Open the "ACRORD"→ double-click your language.

TO VIEW THE OWNER'S MANUAL ON THE CD-ROM

The Owner's Manual files are included in the supplied CD-ROM.
Load the supplied CD-ROM into the CD-ROM drive of your PC.
After a while, the web page of the CD-ROM will open automatically. (for Window only)

When you select your product, display the PDF file.

You can find the desired contents easily using the bookmark.
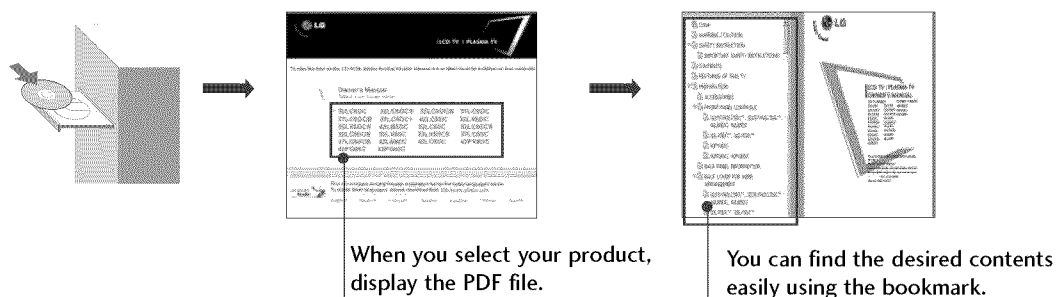
❶ NOTE   ▶ If the web page does not appear automatically, open the Owner's Manual file directly. Open the "My computer"→ Open the "LG"→ Open the "index.htm" file.

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.
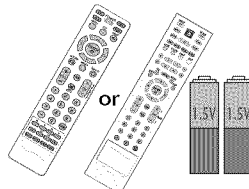
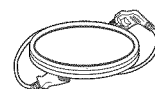For further information, see the the Owner's Manual files supplied CD-ROM.
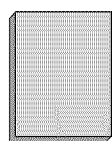
| Owner's Manual, Setup & Operation Guide for Commercial Mode	CD Manual (Refer to p.5)	or	Remote Control, Batteries	Power Cord

Polishing Cloth
This feature is not available for all models.

* Slightly wipe stained spot on the exterior only with the polishing cloth for the product exterior if there is stain or fingerprint on surface of the exterior.
* Do not wipe roughly when removing stain. Please be cautions of that excessive pressure may cause scratch or discoloration.

LCD TV model only
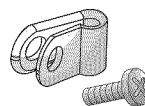
Protective Bracket and Bolt for Power Cord
(This feature is not available for all models.)
(Refer to P.14)

Option Extras
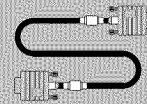
D-sub 15 pin Cable

Only 32/37/42LC5DC*, 32/37/42LC50C*, 42LB5DC, 42LB50C models

Cable Management (Refer to p.14)	Cable Holder (Refer to p.14)	1-Bolt for fixing the Cable Holder (Refer to p.14)	4-Bolts for stand assembly (Refer to p.11) 32/37LC5DC*, 32/37LC50C* models only	x 2 Torx plus Star head screw (Refer to p.11)

Plasma TV models only

75 ohm Round Cable (Except 42PG60C/65C)	D-sub 15 Pin Cable (Except 42PG60C/65C)	Cable Holder (Except 42PX8DC)
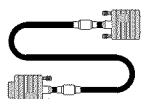
Only 42PG65C model
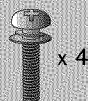
Cable Management Clip	x 4 Bolts for stand assembly (Refer to P.18)

FRONT PANEL INFORMATION

▒ Here shown may be somewhat different from your TV.

▓ If your product has a protection tape attached, remove the tape. And then wipe the product with a cloth (If a polishing cloth is included with your product, use it).

32/37/42LC5DC*,**32/37/42LC50C***, 42LB5DC, **42LB50C**

CH ▲ ▼
VOL ▶ ◀
⦿ ENTER
MENU
INPUT
⏻/I

CHANNEL Buttons

VOLUME Buttons

ENTER Button
MENU Button
INPUT Button
ON/OFF Button

Remote Control Sensor

Power/Standby Indicator
Illuminates red when the TV is in standby mode.
Illuminates green when the TV is switched on.

32LX5DC*, **32LX50C***

Remote Control Sensor

Power/Standby
Indicator
Illuminates red when the
TV is in standby mode.
Illuminates green when
the TV is switched on.

▼ CH ▲   ◀ VOL ▶   ⦿ENTER MENU INPUT   ON/OFF

ON/OFF Button
INPUT Button
MENU Button
ENTER Button
VOLUME Buttons
CHANNEL Buttons

PREPARATION

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PREPARATION

42PG60C, 42PG65C

Remote Control Sensor

POWER Button

Power/Standby Indicator
Illuminates red in standby mode.
Illuminates blue when the set is switched on.

Stand (Only 42PG65C model)

INPUT   MENU   ENTER ◉   — VOL +   ▼ CH ▲

INPUT Button	MENU Button	ENTER Button	VOLUME (-,+) Buttons	CHANNEL (▼, ▲) Buttons

42PX8DC

This TV's stand is sold, separately.

⏻ ⏻/I   INPUT   MENU   ENTER◉   ◀ VOL ▶   ▼ CH ▲

ON/OFF Button
INPUT Button
MENU Button
ENTER Button
VOLUME Buttons
CHANNEL Buttons

Remote Control Sensor

Power/Standby Indicator
Illuminates red when the TV is in standby mode.
Illuminates green when the TV is switched on.

BACK PANEL INFORMATION

■ Here shown may be somewhat different from your TV.

32/37/42LC5DC*,32/37/42LC50C*, 42LB5DC, 42LB50C   32LX5DC*, 32LX50C*

42PX8DC

42PG60C, 42PG65C
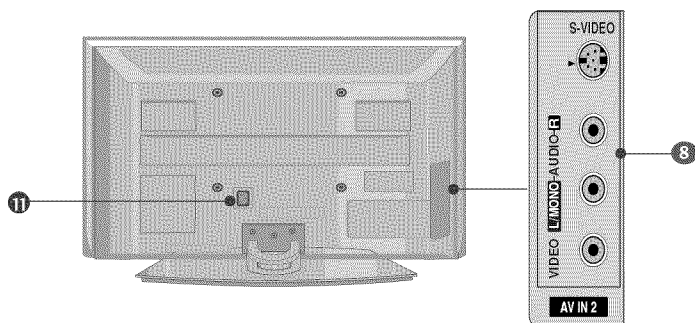
PREPARATION

■ Here shown may be somewhat different from your TV.
  This part mainly use picture for the LCD TV models.

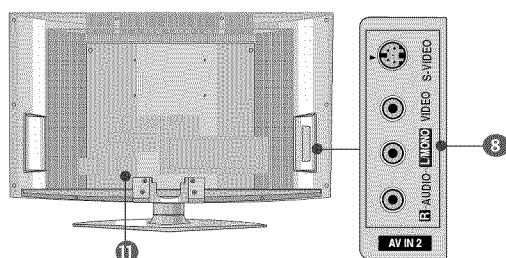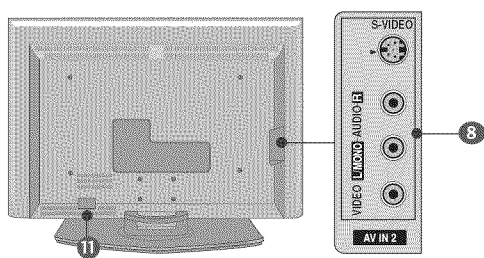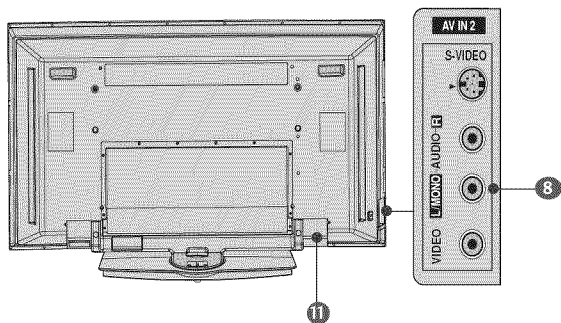(Only 42PG60C, 42PG65C Models)
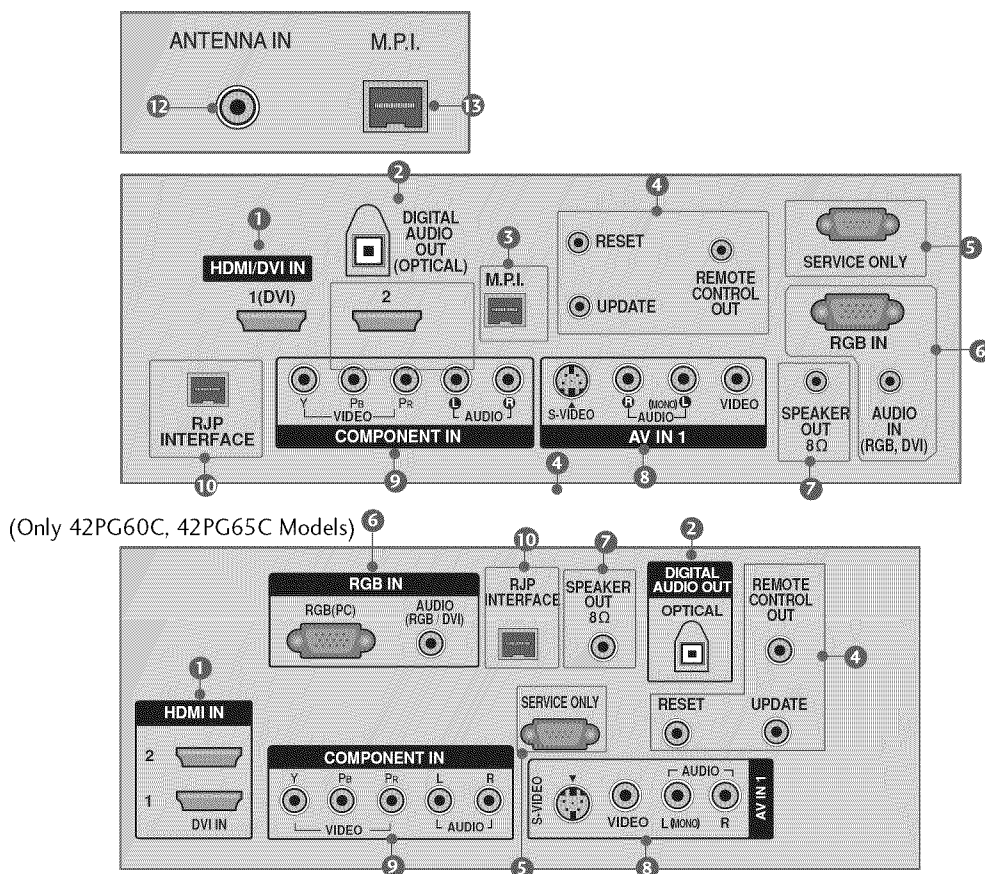
❶ HDMI/DVI IN, HDMI IN
Connect a HDMI (DVI) connection to either input.

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

❸ ⓲ M.P.I

❹ RESET/UPDATE/REMOTE CONTROL OUT

❺ SERVICE ONLY

❻ RGB IN (PC)
Connect the output from a PC.
AUDIO IN (RGB, DVI)
Connect the audio from a PC or DTV.

❼ SPEAKER OUT 8Ω

❽ AV (Audio/Video) IN
Connect audio/video output from an external device to these jacks.
S-VIDEO
Connect S-Video out from an S-VIDEO device.

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

❿ RJP INTERFACE

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

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

STAND INSTALLATION

(32/37LC5DC*, 32/37LC50C*)

1 Carefully place the product screen side down on a cushioned surface that will protect product and screen from damage.
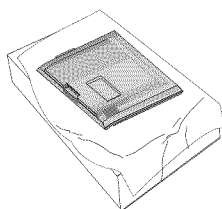
2 Assemble the product stand with the product as shown.
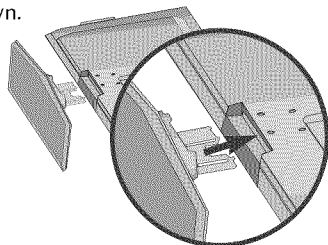
3 Securely install the 4 bolts provided.
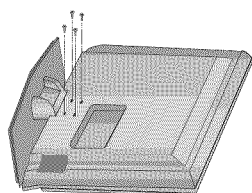
(42PG65C)

1 Carefully place the TV screen side down on a cushioned surface to protect the screen from damage.
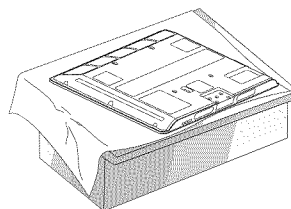
2 Assemble the product stand with the product as shown.
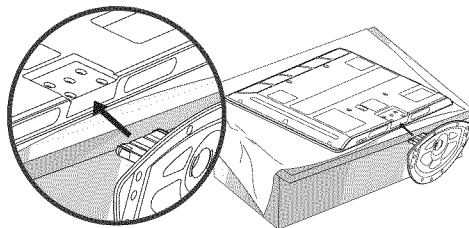
3 Tighten the 4 bolts securely using the holes in the back of the TV.

LCD TV model only

x 4
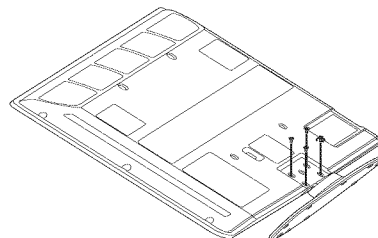
Tighten the stand with the four screws (provided as parts of the TV).

or

x 2   x 2   Tighten the two of these four screws and the two Torx plus star head screws (provided as parts of the TV) to secure the TV. Tighten the two Torx plus star head screws with a star head driver bit (not provided as parts of the TV).
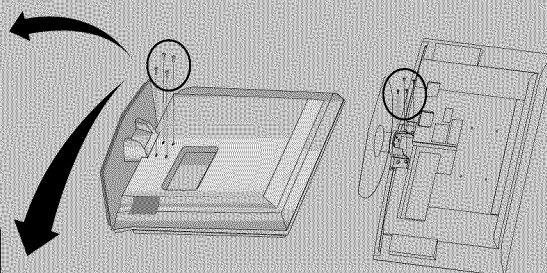
PREPARATION

REMOTE CONTROL FUNCTIONS

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

POWER	Turns your TV or any other programmed equipment on or off, depending on mode.
TV INPUT	In AV 1-2, Component, RGB, HDMI1/DVI, and HDMI2 input sources, screen returns to the last TV channel.
INPUT	External input modes rotate in regular sequence: TV, AV1-2, Component, RGB, HDMI1/DVI and HDMI2.

MULTI	Selects: RGB,HDMI1/DVI, HDMI2 and Component input sources.
— ☼ +	Adjusts brightness on screen.

PIP	Switches the sub picture Double Window or off mode.
PIP CH +/-	Changes the PIP channel.
PIP INPUT	Select the connected input source for the sub-picture.

EZ PIC	Selects the factory preset picture depend on the viewing environment.
EZ SOUND	Selects the factory preset sound for type of program.
SWAP(or PIP SWAP)	Exchange the main/sub images.

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

NUMBER button

— (DASH)	Used to enter a program number for multiple program channels such as 2-1, 2-2, etc.
FLASH BACK	Tune to the last channel viewed.

(Only 42PG60C, 42PG65C models)

MODE	Select the remote's operating mode: TV, DVD, VCR (or STB).
RATIO	Change the aspect ratio.
CC	Select a closed caption.
THUMBSTICK (Up/Down/Left /Right/ENTER)	Navigate the on-screen menus and adjust the system settings to your preference.
EXIT(or RETURN)	Clears all on-screen displays and returns to TV viewing from any menu.
MENU	Displays the main menu.
INFO	Display information at the top of the screen.
VOLUME UP /DOWN	Increase/decrease the sound level.
TIMER	Select the amount of time before your TV turns off automatically.
MUTE	Switch the sound on or off.
CHANNEL UP/DOWN	Select available channels.
PAGE UP/DOWN	Move from one full set of screen information to the next one.

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(or 1.5V AAA) Don't mix old or used batteries with new ones.
- Close cover.

Remote control effective range

32/37/42LC5DC*,
42LB5DC, 32/37/42LC5DC*, 32LX5DC*, **32LX50C***   42PX8DC
32/37/42LC50C*,
42LB5DC, **42LB50C**
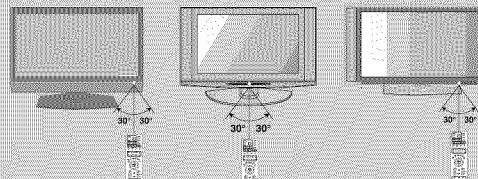
- Use a remote control up to 7 meters distance and 30 degree (left/right) within the receiving unit scope.
- Dispose of used batteries in a recycle bin to preserve environment.

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PREPARATION

BACK COVER FOR WIRE ARRANGEMENT

■ Here shown may be somewhat different from your TV.

(This feature is not available for all models.)

1 Connect the cables as necessary.
To connect an additional equipment, see the **EXTERNAL EQUIPMENT SETUP** section.
Secure the power cable with the **PROTECTIVE BRACKET** and the screw as shown. It will help prevent the power cable from being removed by accident.

PROTECTIVE BRACKET

2 Install the **CABLE HOLDER** as shown.
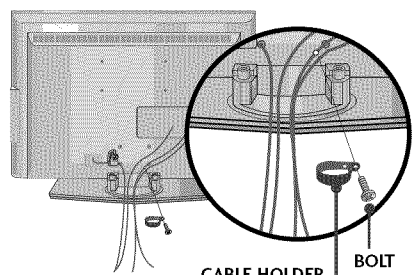
CABLE HOLDER | BOLT

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

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 damaged.

How to remove the CABLE MANAGEMENT
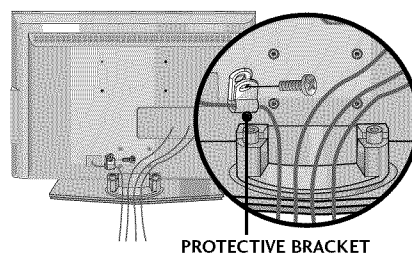► Hold the **CABLE MANAGEMENT** with both hands and pull it backward.
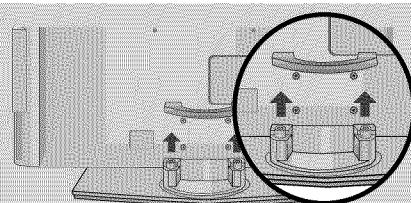
BACK COVER FOR WIRE ARRANGEMENT

■ Here shown may be somewhat different from your TV.

(This feature is not available for all models.)

1 To separate the **CABLE HOLDER**, loosen the bolt installed the set.
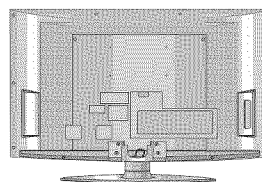
2 Connect the cables as necessary.

To connect an additional equipment, see the **EXTERNAL EQUIPMENT SETUP** section.

Secure the power cable with the **PROTECTIVE BRACKET** and the screw as shown. It will help prevent the power cable from being removed by accident.

PROTECTIVE BRACKET

3 Install the **CABLE HOLDER** as shown.

BOLT CABLE HOLDER

PREPARATION

15
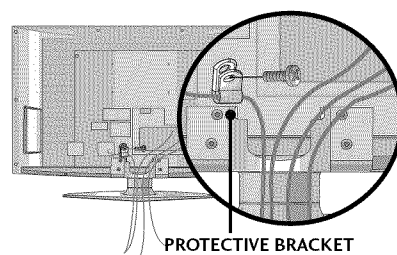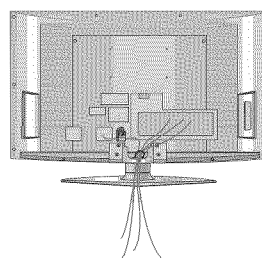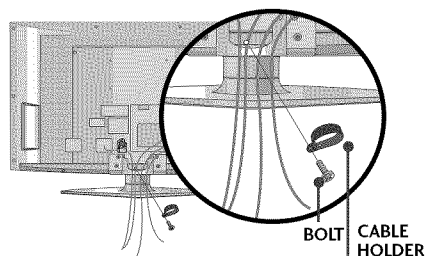
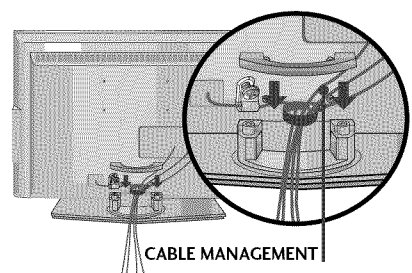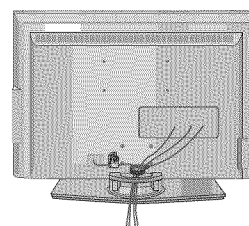# PREPARATION

42PX8DC

1 Hold the **CABLE MANAGEMENT** with both hands and pull it as shown.
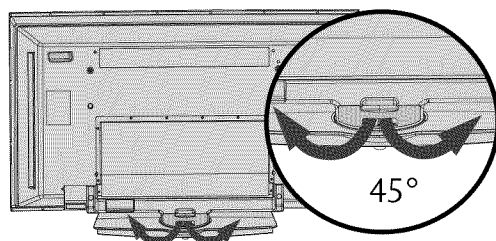
45°

2 Connect the cables as necessary.

To connect an additional equipment, see the **EXTERNAL EQUIPMENT SETUP** section.
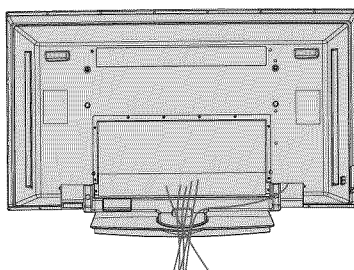
3 Install the **CABLE MANAGEMENT** as shown.
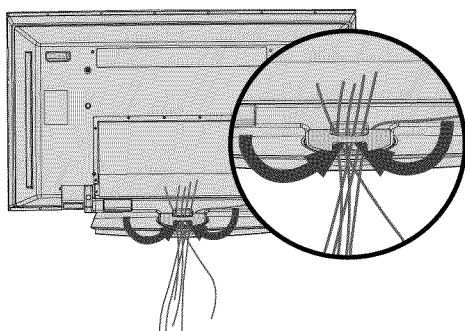
42PG60C, 42PG65C

1 Connect the cables as necessary.

To connect additional equipment, see the **EXTERNAL EQUIPMENT SETUP** section.
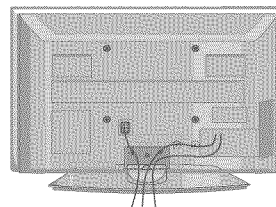
2 Install the **CABLE MANAGEMENT CLIP** as shown. (Except 42PG60C model)

If your TV has CABLE HOLDER, fix it as shown and bundle the cables.

| CABLE MANAGEMENT CLIP | CABLE HOLDER |
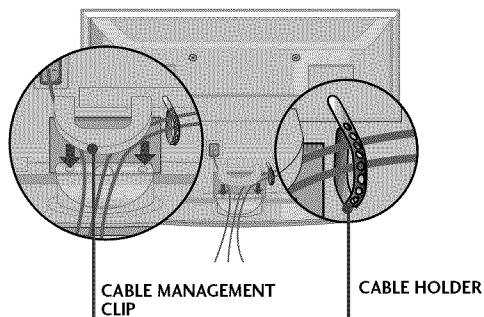
How to remove the CABLE MANAGEMENT CLIP

(Except 42PG60C model)

▶ First, press the cable management. Hold the **CABLE MANAGEMENT CLIP** with both hands and pull it upward.

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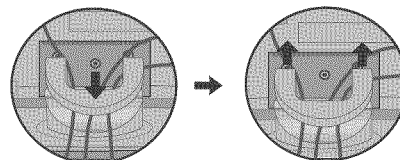
▶ Do not hold the **CABLE MANAGEMENT CLIP** when moving the TV.
- If the TV is dropped, you may be injured or the product may be broken.

16

ATTACHING THE TV TO A WALL

■ **This feature is not available for all models.**

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.
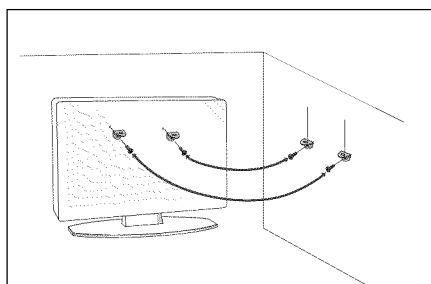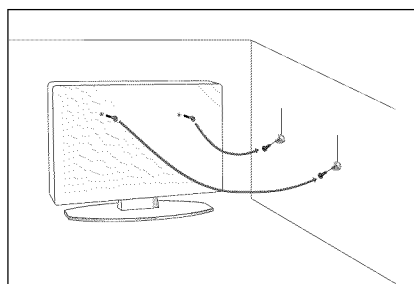
■ Insert the TV brackets (or eye-bolts) and bolts to tighten the product to the wall as shown in the picture.
  *If your product has the bolts in the eye-bolts position before inserting the eye-bolts, loosen the bolts.
  Secure the wall brackets with the bolts (not provided as parts of the product, must 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.
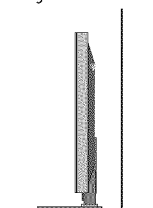
■ Use a sturdy rope (not provided as parts of the product, must purchase separately) to tie the product. It is safer to tie the rope so it becomes horizontal between the wall and the product.

SWIVEL STAND
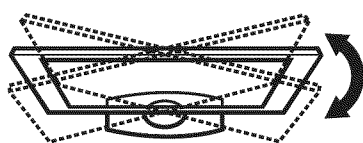
20° (37LC5DC1, 42LC5DC, 42LC50C, 42PX8DC,
42LB5DC, 42LB50C, 42PG65C models)

90° (32LX5DC/S, 32LX50C/S, 32LC5DC/S,
32LC50C/S, 37LC5DC, 37LC50C models)

The TV can be conveniently swivelled on its stand 20° or 90° to the left or right to provide the optimum viewing angle.

PREPARATION

PREPARATION

ATTACHING THE TV TO A DESK

■ Here shown may be somewhat different from your TV.
The TV must be attached to desk so it cannot be pulled in a forward/backward direction, potentially causing injury or damaging the product.

* Screws - M5 x L (table depth + 8~10 mm)
ex) table depth-15mm: Bolts - M5 x 25

32/37/42LC5DC*, 32/37/42LC50C*, 42LB5DC, 42LB50C

4-Screws

Stand

Desk

32LX5DC*, 32LX50C*

4-Screws

Stand

Desk

42PX8DC

2-Screws

Stand

Desk

42PG65C

4-Screws

Stand

Desk
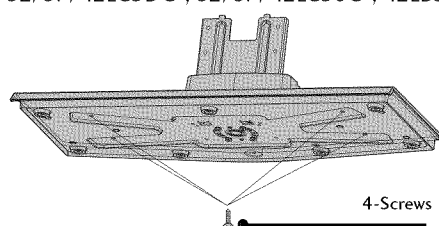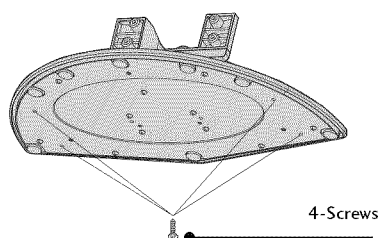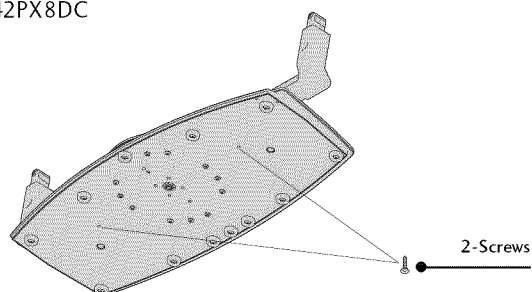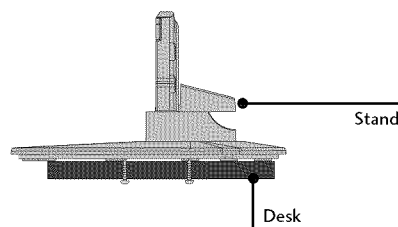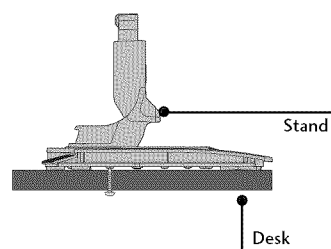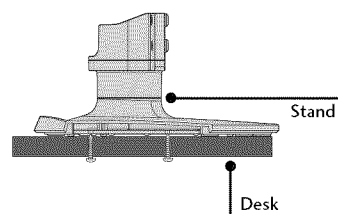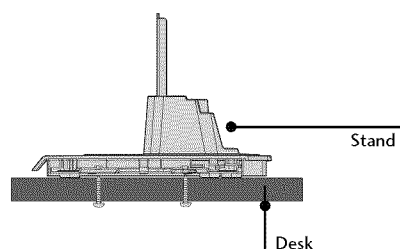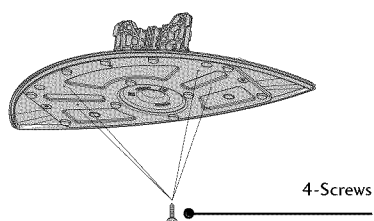
⚠ WARNING

▶ This apparatus must be securely attached to the floor/wall per installation instructions. Tipping, shaking, or rocking the television may cause injury/death.

VESA WALL MOUNTING

This product accepts a VESA-compliant mounting interface pad. (optional)
There 4 threaded holes are available for attaching the bracket.
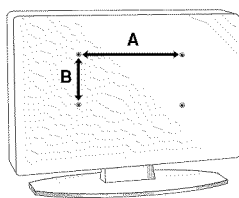
Product	Model	VESA (A * B)
LCD TV	32LC5DC*, 32LC50C*, 32LX5DC*, 32LX50C*	200 * 100
	32/37/42LC5DC*, 32/37/42LC50C*, 42LB5DC, 42LB50C	600 * 400
PLASMA TV	42PG60C	400 * 400
	42PX8DC	600 * 400

❶ NOTE

▶ Screw length needed depends on the wall mount used. For further information, refer to the VESA Wall Mounting Instruction Guide.

DESKTOP PEDESTAL INSTALLATION

For proper ventilation, allow a clearance of 4inches on each side from the wall.
▓ Image shown may differ from your TV.

4 inches

4 inches   4 inches

4 inches
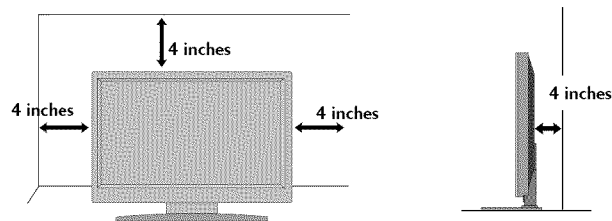
⚠ CAUTION

▶ Ensure adequate ventilation by following the clearance recommendations.
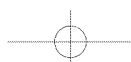
PREPARATION

ANTENNA OR CABLE CONNECTION

1. Antenna (Analog or Digital)

Wall Antenna Socket or Outdoor Antenna without a Cable Box Connections.

For optimum picture quality, adjust antenna direction if needed.

Wall Antenna Socket

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

Outdoor Antenna (VHF, UHF)

RF Coaxial Wire (75 ohm)

ANTENNA IN

Single-family Dwellings /Houses
(Connect to wall jack for outdoor antenna)

Copper Wire
Be careful not to bend the bronze wire when connecting the antenna.

2. Cable

Cable TV Wall Jack

RF Coaxial Wire (75 ohm)
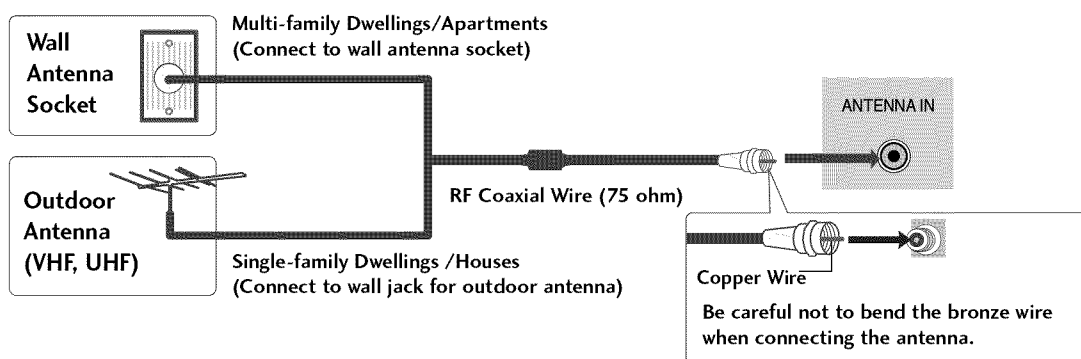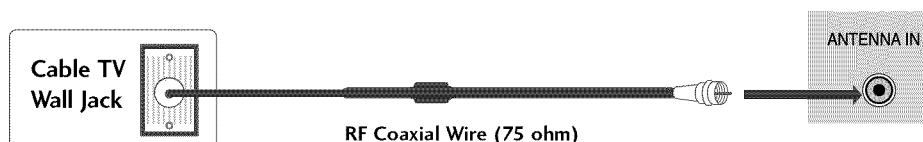
ANTENNA IN

3. Using both cable and antenna

Antenna

RF Coaxial Wire (75 ohm)

Cable TV Wall Jack

RF Coaxial Wire (75 ohm)

Diplexer (Signal Combinner)

ANTENNA IN

Antenna

UHF

VHF

Signal Amplifier
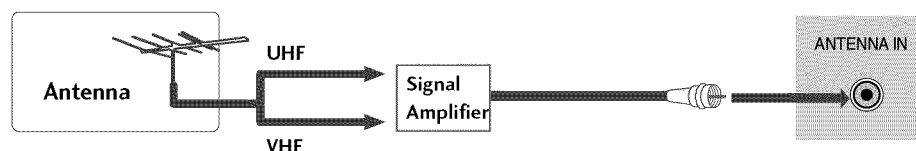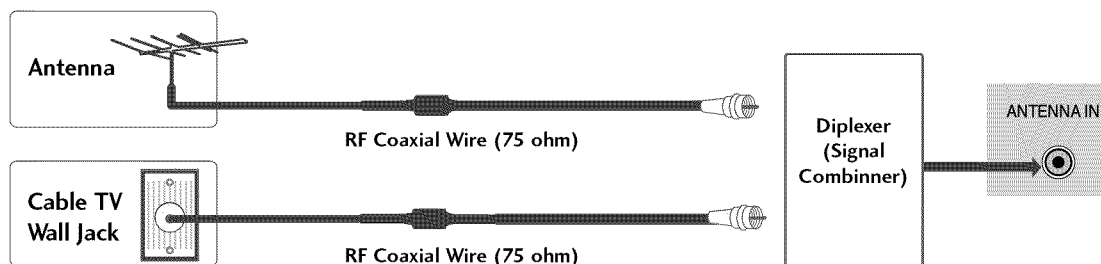
ANTENNA IN

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

❶ NOTE ▶ The TV will let you know when the analog, cable, and digital channel scans are complete.

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 picture for 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 Component cable

1. How to connect

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

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

2. How to use

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

■ Select **Component** input source with using the **INPUT** button on the remote control.
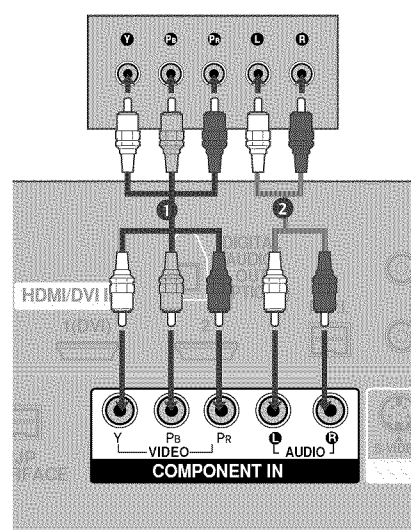
Signal	Component	HDMI1/DVI, HDMI2
480i	Yes	No
480p	Yes	Yes
720p	Yes	Yes
1080i	Yes	Yes
1080p	Yes	Yes

* 42LB5DC, **42LB50C** model only

EXTERNAL EQUIPMENT SETUP

DVD SETUP

When connecting Component cable

1. How to connect

① Connect the video outputs (Y, PB, PR) of the DVD to the **COMPONENT IN VIDEO** jacks on the set.
Match the jack colors
(Y = green, PB = blue, and PR = red).

② Connect the audio outputs of the DVD to the **COMPONENT IN AUDIO** jacks on the set.

2. How to use

■ Turn on the DVD player, insert a DVD.

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

■ Refer to the DVD player's manual for operating instructions.
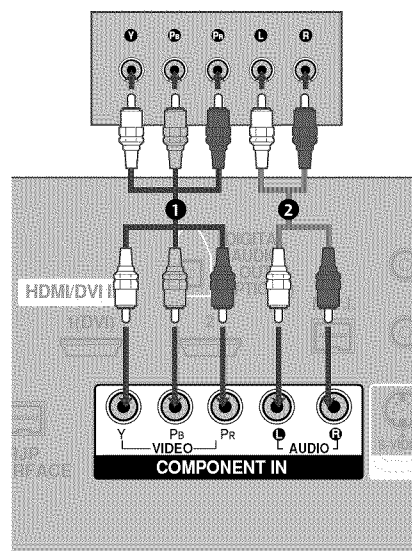
When connecting HDMI cable

1. How to connect

① Connect the HDMI output of the DVD to the **HDMI/DVI IN 1 (DVI)** or **2** jack on the set.

② No separated audio connection is necessary.
HDMI supports both audio and video.

2. How to use

■ Select **HDMI1/DVI** or **HDMI2** input source with using the **INPUT** button on the remote control.

■ Refer to the DVD player's manual for operating instructions.
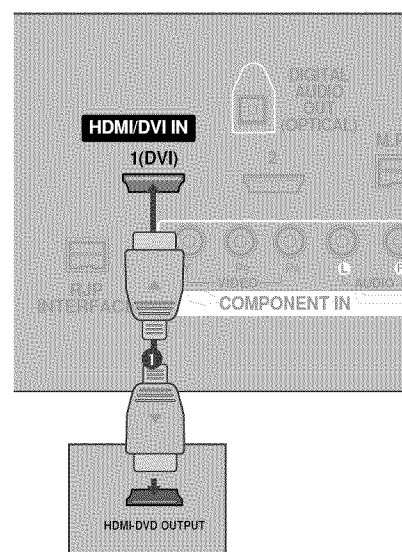
VCR SETUP

When connecting with a RCA cable

1. How to connect

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

2. How to use

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

▪ Select **AV1** input source by using the **INPUT** button on the remote control.

▪ If connected to **AV IN2**, select **AV2** input source.
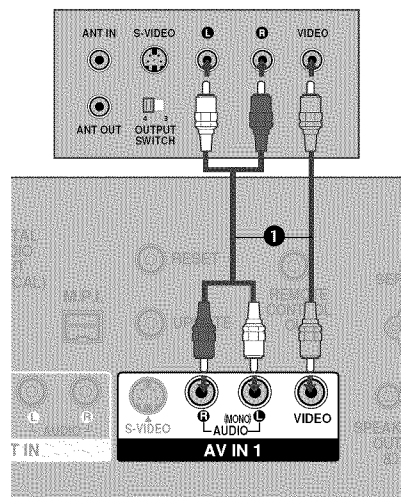
> **❶ NOTE** ▶ If you have a mono VCR, connect the audio cable from the VCR to the **AUDIO L/MONO** jack of the set.

When connecting with an S-Video cable

1. How to connect

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

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

2. How to use

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

▪ Select **AV1** input source by using the **INPUT** button on the remote control.

▪ If connected to **AV IN2**, select **AV2** input source.
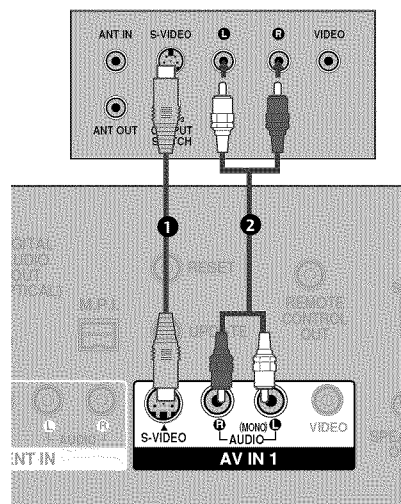
> **❶ NOTE**
> ▶ The picture quality is improved: compared to normal composite (RCA cable) input.

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

EXTERNAL EQUIPMENT SETUP

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EXTERNAL EQUIPMENT SETUP

PC SETUP

When connecting D-sub 15pin cable

1. How to connect

1 Connect the RGB output of the PC to the **RGB IN** jack on the set.

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

2. How to use

■ Turn on the PC and the TV.

■ Select **RGB-PC** input source by using the **INPUT** button on the remote control.
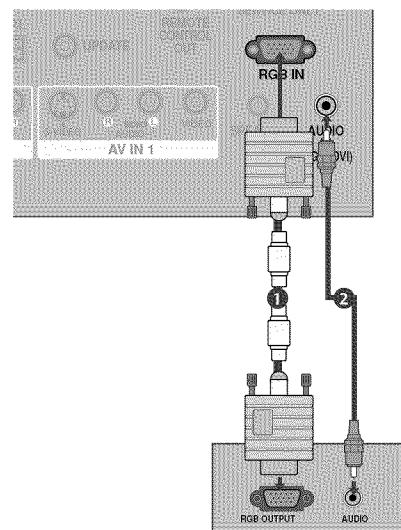
When connecting HDMI to DVI cable

1. How to connect

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

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

2. How to use

■ Turn on the PC and the set

■ Select **HDMI1/DVI** input source with using the **INPUT** button on the remote control.
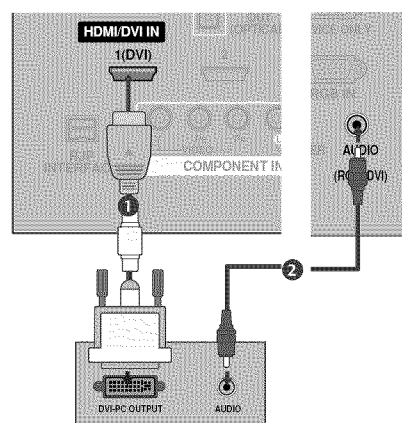
Supported Display Specifications (RGB/HDMI1-PC)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
640x350	31.469	70.08
640x480	31.469	59.94
	37.861	72.80
	37.500	75.00
800x600	35.156	56.25
	37.879	60.31
	48.077	72.18
	46.875	75.00
1024x768	48.363	60.00
	56.476	70.06
	60.023	75.02
1280x768	47.700	60.00
1360x768	47.720	59.799
1366x768	47.130	59.658

Supported Display Specifications (RGB/HDMI1-DTV)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480	31.50	60.00
	31.47 (HDMI1-DTV:31.469)	59.94
1280x720	44.96	59.94
	45.00	60.00
1920x1080	33.72	59.94
	33.75	60.00

Supported Display Specifications (HDMI2-DTV)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480	31.500	60.00
	31.469	59.94
1280x720	44.960	59.94
	45.000	60.00
1920x1080	33.720	59.94
	33.750	60.00

Supported Display Specifications (Y, C_B /P_B, C_R /P_R)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480	15.73	59.94
	15.73	60.00
	31.47	59.94
	31.50	60.00
1280x720	44.96	59.94
	45.00	60.00
1920x1080	33.72	59.94
	33.75	60.00

* RGB-DOS mode only: 640x350

* Except 42PG60C/65C models in HDMI1-PC mode.

EXTERNAL EQUIPMENT SETUP

* 42LB5DC, **42LB50C**

EXTERNAL EQUIPMENT SETUP

Supported Display Specifications (RGB/HDMI1-PC)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
640x350 (RGB only)	31.469	70.08
640x480	31.469	59.94
	37.861	72.80
	37.500	75.00
800x600	35.156	56.25
	37.879	60.31
	48.077	72.18
	46.875	75.00
1024x768	48.363	60.00
	56.476	70.06
	60.023	75.02
1280x768	47.700	60.00
1360x768	47.720	59.799
1366x768	47.130	59.658
1280x1024 (RGB only)	63.668	59.895
1400x1050 (RGB only)	65.317	59.978
1600x1200	74.537	59.869
1920x1080	66.587	59.934
1920x1200	74.038	59.950

Supported Display Specifications (RGB/HDMI1-DTV)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480	31.50	60.00
	31.47(HDMI1-DTV:31.469)	59.94
1280x720	44.96	59.94
	45.00	60.00
1920x1080	33.72	59.94
	33.75	60.00
	67.43(HDMI1-DTV:67.5)	59.94

Supported Display Specifications (HDMI2-DTV)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480	31.500	60.00
	31.469	59.94
1280x720	44.960	59.94
	45.000	60.00
1920x1080	33.720	59.94
	33.750	60.00
	67.500	60.00

Supported Display Specifications (Y, C_B /P_B, C_R /P_R)

Resolution	Horizontal Frequency(KHz)	Vertical Frequency(Hz)
720x480	15.73	59.94
	15.73	60.00
	31.47	59.94
	31.50	60.00
1280x720	44.96	59.94
	45.00	60.00
1920x1080	33.72	59.94
	33.75	60.00
	67.50	60.00

* RGB-DOS mode only: 640x350

WATCHING TV

TURNING ON THE TV

1 First, connect power cord correctly.
At this moment, the TV switches to standby mode.
■ In standby mode to turn TV on, press the ⏻/I (or ON/OFF) button on the TV or press the POWER button on the remote control.

2 Select the viewing source by using the INPUT(or TV INPUT) button on the remote control.
■ This TV is programmed to remember which power state it was last set to, even if the power cord is out.

3 When finished using the TV, press the POWER button on the remote control. The TV reverts to standby mode.

---

❶ NOTE

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

CHANNEL SELECTION

1 Press the CH (+ or -) or CH (∧ or ∨) or NUMBER buttons to select a channel number.

VOLUME ADJUSTMENT

Adjust the volume to suit your personal preference.

1 Press the VOL (+ or -) button to adjust the volume.

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

3 You can cancel the Mute function by pressing the MUTE or VOL (+ or -) button.

WATCHING TV

CHANNEL SETUP

Auto Scan (EZ Scan)

Automatically finds all channels available through antenna or cable inputs, and stores them in memory on the channel list.

Run EZ Scan again after any Antenna/Cable connection changes.

A password is required to gain access to EZ Scan menu if the Lock System is turned on.

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

2 Press the ► or > button and then use ▲ or ▼ or ∧ or ∨ button to select **EZ Scan**.

3 Press the **ENTER** button to begin the channel search. Allow **EZ Scan** to complete the channel search cycle for **ANTENNA** and **CABLE**.

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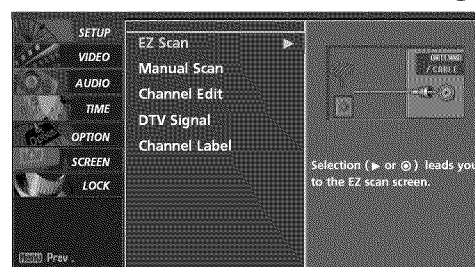
ON-SCREEN MENUS SELECTION

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

1 Press the MENU button and then use ▲ or ▼ or ∧ or ∨ button to select the each menu.

2 Press the ▶ or > button and then use ▲ ▼ ◀ ▶ or ∧ ∨ < > button to display the available menus.

SETUP
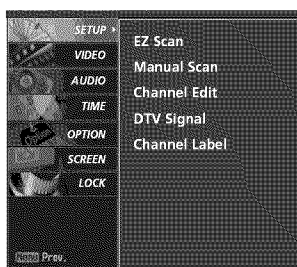
EZ Scan	▣ All available TV channels are searched and stored automatically.
Manual Scan	▣ User can do manual channel selection and add or delete individual channels.
Channel Edit	▣ You can add or delete in the channel list.
DTV Signal	▣ Displays the DTV signal levels.
Channel Label	▣ Set a label to each channel.

VIDEO
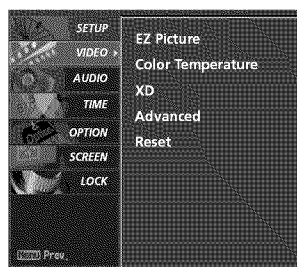
EZ Picture	▣ Selects the factory preset picture depend on the viewing environment: Daylight, Normal, Night Time, User1, User2.
Color Temperature	▣ Choose one of three automatic color adjustments : Cool, Normal, Warm, User
XD	▣ It is LG Electronic's unique picture improving technology to display a real HD source through an advanced digital signal processing algorithm. ▣ Select Auto or Manual (XD Contrast, XD Color, XD NR, MPEG NR).
Advanced	▣ Cinema Mode (On, Off) Set up the TV for the best picture appearance for viewing movies. ▣ Black Level (Low, High) Adjusting the contrast and the brightness of the screen using the black level of the screen.
Video Reset	▣ Use to quickly reset all the Video menu options to their original factory preset values.

WATCHING TV

AUDIO

SETUP	Audio Language
VIDEO	EZ SoundRite
AUDIO ►	EZ Sound
TIME	Balance 0
OPTION	TV Speakers
SCREEN	
LOCK	
Menu Prev.	
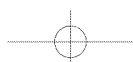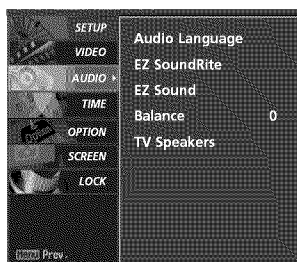
Audio Language	■ You can available other language if a digital signal is provided by the broadcasting station.
EZ SoundRite	■ Automatically keeps on an equal volume level even if you change channel.
EZ Sound	■ Selects the factory preset sound for type of program. :Normal, Stadium, News, Music, Theater, and User
Balance	■ Adjust the left/right sound of speaker.
TV Speakers	■ Turn the TV speaker On or off.

TIME

SETUP	Auto Clock
VIDEO	Manual Clock
AUDIO	Off Timer
TIME ►	On Timer
OPTION	Auto Off
SCREEN	
LOCK	
Menu Prev.	
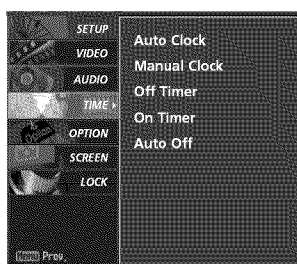
Auto Clock	■ The time is set automatically from a digital channel signal. ■ Select your viewing area time zone. ■ Select Auto, Off, On depending on whether or not your viewing area observes Daylight Saving time.
Manual Clock	■ Set the clock manually.
Off Timer	■ Select On or Off.
On Timer	■ Select On or Off.
Sleep Timer	■ Select the amount of time before your TV turns off automatically: Off, 10, 20,30, 60, 90, 120, 180, 240.

OPTION

SETUP	Aspect Ratio
VIDEO	Caption/Text
AUDIO	Caption Options
TIME	Language
OPTION ►	ISM Method
SCREEN	Low Power
LOCK	Set ID
Menu Prev.	
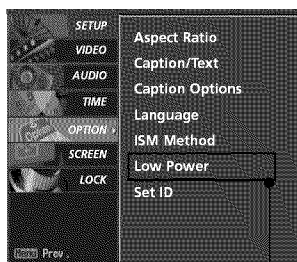
Only 42PX8DC model

Aspect Ratio	■ Select the desired picture format. : Set by program, 4:3, 16:9, Horizon, Zoom1, Zoom2.
Caption/Text	■ Select a caption mode for displaying captioning information : Off, CC1 ~ 4, Text 1 ~ 4.
Caption Option	■ Customize the DTV/CADTV captions that appear on your screen.
Language	■ Select your desired language for on screen menus : English, Spanish, French.
ISM Method	■ Use it to minimize any fixed image on the screen. : Normal, White Wash, Orbiter, Inversion.
Low Power	■ Reduces the plasma display power consumption.
Set ID	■ Choose the desired TV ID number.

SCREEN
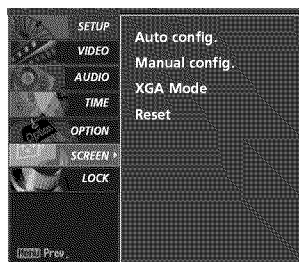
Auto config	▦ Automatically adjusts picture position and minimizes image shaking.
Manual config	▦ Adjusts screen manually. : Phase, Clock, H-Position, and V-Position
XGA Mode	▦ Selematch the resolution of RGB mode and selection of XGA mode.
Reset	▦ To initialize the adjusted value.

LOCK   For USA
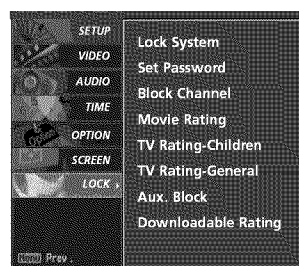
For Canada

Lock System	▦ Select On or Off.
Set Password	▦ Change the password.
Block Channel	▦ Select a channel number that you wish to block.
Movie Rating	▦ Blocks movies according to the movie ratings limits specified.
TV Rating-Children	▦ Prevents children from watching certain children's TV programs, according to the ratings limit set.
TV Rating-General	▦ Based on the ratings, blocks certain TV programs that you and your family do not want to view.
TV Rating-English	▦ Selecting canadian english language rating system.
TV Rating-French	▦ Selecting canadian french language rating system.
Aux. Block	▦ Enables you to select a source to block from the external source devices you have hooked up.
Downloadable Rating	▦ This function may become available in the future and will be available only for digital channel signal.

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TROUBLESHOOTING

The operation does not work normally.

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

The video function does not work.

No picture &No sound	■ Check whether the product is turned on. ■ Try another channel. The problem may be with the broadcast. ■ Is the power cord inserted into wall power outlet? ■ Check your antenna direction and/or location. ■ Test the wall power outlet, plug another product's power cord into the outlet where the product's power cord was plugged in.
Picture appears slowly after switching on	■ This is normal, the image is muted during the product startup process. Please contact your service center, if the picture has not appeared after five minutes.
No or poor color or poor picture	■ Adjust Color in menu option. ■ Keep a sufficient distance between the product and the VCR. ■ Try another channel. The problem may be with the broadcast. ■ Are the video cables installed properly? ■ Activate any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	■ Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	■ Station or cable product experiencing problems, tune to another station. ■ Station signal is weak, reorient antenna to receive weaker station. ■ Check for sources of possible interference.
Lines or streaks in pictures	■ Check antenna (Change the direction of the antenna).

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The audio function does not work.

Picture OK & No sound	■ Press the VOL or VOLUME button. ■ Sound muted? Press MUTE button. ■ Try another channel. The problem may be with the broadcast. ■ Are the audio cables installed properly?
No output from one of the speakers	■ Adjust Balance in menu option.
Unusual sound from inside the product	■ A change in ambient humidity or temperature may result in an unusual noise when the product is turned on or off and does not indicate a fault with the product.

There is a problem in PC mode. (Only PC mode applied)

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

APPENDIX

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APPENDIX

MAINTENANCE

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

Cleaning the Screen

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

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

Cleaning the Cabinet

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

Extended Absence

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

PRODUCT SPECIFICATIONS

42PG60C (42PG60C-UA) 42PG65C (42PG65C-UA)	Width x Height x Depth (inches/mm)	With Stand (Only 42PG65C)	42PG65C 41.1 x 28.9 x12.1 inches 1044.4 x 735.4 x 308.0 mm	42PG60C
		Without Stand	41.1 x 26.7x 4.2 inches 1044.4 x680.5x 107.6mm	41.1 x 26.7x 3.1 inches 1044.4 x680.5x 79.6mm
	Weight (pounds / kg)	With Stand (Only 42PG65C)	61.2 pounds / 27.8 kg	
		Without Stand	55.1 pounds / 25.0 kg	

PRODUCT SPECIFICATIONS

32LC5DC/S/B (32LC5DC/S/B-UA) 32LC50C/S/B (32LC50C/S/B-UA)	Width x Height x Depth (inches/mm)	With Stand	31.8 x 23.9 x 9.8 inches 806.6 x 607.5 x 249.0 mm
		Without Stand	31.8 x 21.7 x 3.8 inches 806.6 x 552.3 x 97.2 mm
	Weight (pounds / kg)	With Stand	33.7 pounds / 15.3kg
		Without Stand	27.6 pounds / 12.5 kg
37LC5DC/1/B (37LC5DC/1/B-UA) 37LC50C/B (37LC50C/B-UA)	Width x Height x Depth (inches/mm)	With Stand	36.5 x 27.4 x 10.4 inches 926.8 x 695.8 x 264.6 mm
		Without Stand	36.5 x24.8 x 4.2 inches 926.8 x 629.8 x 107.4 mm
	Weight (pounds / kg)	With Stand	47.2 pounds / 21.4 kg
		Without Stand	36.8 pounds / 16.7 kg
42LC5DC (42LC5DC-UA) 42LC50C (42LC50C-UA)	Width x Height x Depth (inches/mm)	With Stand	40.7 x 29.6 x 11.6 inches 1033.1 x 750.7 x 294.2 mm
		Without Stand	40.7 x 27.0x 4.3 inches 1033.1 x 686.5 x 110.2 mm
	Weight (pounds / kg)	With Stand	61.3 pounds / 27.8 kg
		Without Stand	47.2 pounds / 21.4 kg
32LX5DC/S (32LX5DC/S-UA) 32LX50C/S (32LX50C/S-UA)	Width x Height x Depth (inches/mm)	With Stand	36.3 x 24.2 x 11.3 inches 922.0 x 615.0x 288.0 mm
		Without Stand	36.3 x 21.5 x 3.9 inches 922.0 x 546.0 x 98.0 mm
	Weight (pounds / kg)	With Stand	39.0 pounds / 17.7 kg
		Without Stand	30.4 pounds / 13.8 kg
42PX8DC (42PX8DC-UA)	Width x Height x Depth (inches/mm)	With Stand	46.7 x 28.1 x 10.6 inches 1186.0 x 714.0 x 270.0 mm
		Without Stand	46.7 x 25.7 x 3.9 inches 1186.0 x 654.0 x 99.0 mm
	Weight (pounds / kg)	With Stand	72.5 pounds / 32.9 kg
		Without Stand	55.6 pounds / 25.2 kg
42LB5DC (42LB5DC-UA) 42LB50C (42LB50C-UA)	Width x Height x Depth (inches/mm)	With Stand	40.7 x 29.6 x 11.6 inches 1033.1 x 750.7 x 294.2 mm
		Without Stand	40.7 x 27.0x 4.3 inches 1033.1 x 686.5 x 110.2 mm
	Weight (pounds / kg)	With Stand	61.3 pounds / 27.8 kg
		Without Stand	47.2 pounds / 21.4 kg

Power requirement	AC100-240V ~ 50/60Hz
Television System	NTSC-M, ATSC, 64 & 256 QAM
Program Coverage	VHF 2-13, UHF 14-69, CATV 1-135, DTV 2-69, CADTV 1-135
External Antenna Impedance	75 ohm
Operating Temperature Range	32 ~ 104°F (0 ~ 40°C)
Operating Humidity Range	Less than 80%
Storage Temperature Range	-4 ~ 140°F (-20 ~ 60°C)
Storage Humidity Range	Less than 85%

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

APPENDIX

LG Electronics Inc.