## APPENDIX G

: USER'S MANUAL

## OWNER'S MANUAL <br> LCD TV

Please read this manual carefully before operating your set and retain it for future reference.

22LG3DDH<br>26LG3DDH<br>32LG3DDH<br>42LD6DDH



AThe 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.

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

## WARNING/CAUTION

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

## NOTE TO CABLE/TV INSTALLER

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electric Code (U.S.A.). The code provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of the cable entry as practical.

## WARNING / CAUTION

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

## FCC NOTICE

## Class B digital device

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

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

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

## CAUTION

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

## SAFETY 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.


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.


Only use attachments/accessories specified by the manufacturer.


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.


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.


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.

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.
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.


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 grouned 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.


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

Keep the product away from direct sunlight.

## 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


## 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.

## 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.

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.

Take care not to touch the ventilation openings. When watching the TV for a long period, the ventilation openings may become hot.

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

Do not press strongly upon the panel with a hand or sharp object such as nail, pencil or pen, or make a scratch on it.


Keep the product away from direct sunlight.

## For LCD TV

If the TV feels cold to the touch, there may be a small "flicker" when it is turned on. This is normal, there is nothing wrong with TV.
Some minute dot defects may be visible on the screen, appearing as tiny red, green, or blue spots. However, they have no adverse effect on the monitor's performance.
Avoid touching the LCD screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary distortion effects on the screen.

## ON DISPOSAL

(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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## FEATURES OF THIS TV

Manufactured under license from Dolby Laboratories "Dolby "and the double-D symbol are trademarks of Dolby Laboratories.

USB port shall be used for software update by service personnel only.

## $\Delta$ IMPORTANT INFORMATION TO PREVENT "IMAGE BURN / BURN-IN" ON YOUR TV SCREEN

- When a fixed image (e.g. logos, screen menus, video game, and computer display) is displayed on the TV for an extended period, it can become permanently imprinted on the screen. This phenomenon is known as "image burn" or "burn-in." Image burn is not covered under the manufacturer's warranty.
- In order to prevent image burn, avoid displaying a fixed image on your TV screen for a prolonged period (2 or more hours for LCD, 1 or more hours for Plasma).
- Image burn can also occur on the letterboxed areas of your TV if you use the $4: 3$ aspect ratio setting for an extended period.



## PREPERATION

## ACCESSORIES

Ensure that the following accessories are included with your TV. If an accessory is missing, please contact the dealer where you purchased the TV.
The accessories included may differ from the images below.


Owner's Manual


CD Manual


Power Cord


Protective Bracket and Bolt for Power Cord (Refer to P.12)
(This feature is not available for all models.)
For 26/32LG3DDH, 42LD6DDH

(This feature is not avail
(This feature is not available for all models.)

* Wipe spots on the exterior only with the polishing cloth.
* Do not wipe roughly when removing stains. Excessive pressure may cause scratches or discoloration.


## For 22LG3DDH



Cable Management Clip
(Refer to P.12)

Optional Installer Remote Control for Model No. Series 22/26/32LG3DDH, 42LD6DDH
There is an optional Installer remote control available for the $22 / 26 / 32$ LG3DDH, 42LD6DDH models. The installer remote control is NOT included with the TV.

## PREPARATION

## FRONT PANEL INFORMATION

- Image shown may differ from your TV.
- NOTE: If your TV has a protection tape attached, remove the tape.

And then wipe the TV with a cloth (If a polishing cloth is included with your TV, use it).

## For 22/26/32LG3DDH



26/32LG3DDH, 42LD6DDH


For 42LD6DDH

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


## (1) NOTE

## PREPARATION

For 42LD6DDH

(1) AV (Audio/Video) IN

Analog composite connection. Supports standard definition video only (480i).
Used for PC/DTV audio input jack (Only 22LG3DDHUA model).
(2) HDMI/DVI IN

Digital Connection. Supports HD video and Digital audio.
Accepts DVI video using an adapter or HDMI to DVI cable (not included).

3 USB IN SERVICE ONLY
Used for software updates.
4 UPDATE
Software downloads and debug mode enable/disable.
RESET
Hardware reset to PTC microcontroller.
(5) RS-232C IN (SERVICE ONLY)

Used for software updates.
6 RGB IN (PC) (Except 22LG3DDH model)
Analog PC Connection. Uses a D-sub 15 pin cable (VGA cable).
(7) COMPONENT IN (Except 22LG3DDH model) Analog Connection.
Supports HD.
Uses a red, green, and blue cable for video \& a red
and white cable for audio.

8 AUDIO IN (RGB/DVI) (Except 22LG3DDH model) $1 / 8^{\prime \prime}$ headphone jack for analog PC audio input.

9 REMOTE CONTROL OUT
IR output for controlling an auxiliary device.
(10) SPEAKER OUT $8 \Omega$ (Except 22LG3DDH model)
(11) $\mathrm{H} / \mathrm{P}$

Plug the headphone into the headphone socket.
(12) Power Cord Socket

For operation with AC power.
Caution: Never attempt to operate the TV on DC power.
(13) ANTENNA IN

Connect over-the air signals to this jack.
(14) M.P. I.

Allows VOD/PPV devices or set-top boxes to control the TV.
(15) PILLOW SPEAKER

Used to connect to pillow speaker.
SPEAKER SWITCH
Used to select the speaker output switch.
Note: If Pillow Speaker is selected, no Sound will be heard from TV speakers.
(NORMAL SPEAKER or PILLOW SPEAKER)

## PROTECTION COVER (For 26/32LG3DDH, 42LD6DDH)

- Image shown may differ from your TV.

After removing the stand, install the included protection cover over the hole for the stand. Press the PROTECTION COVER into the TV until you hear it click.


## PREPARATION

## CABLE MANAGEMENT

- Image shown may differ from your TV.


## For 26/32LG3DDH, 42LD6DDH

To connect 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.

(2) Install the CABLE MANAGEMENT CLIP as shown.


3 Put the cables inside the CABLE MANAGEMENT CLIP and snap it closed.


## For 22LG3DDH

1 Connect the cables as necessary.
To connect 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.

(2) Install the CABLE MANAGEMENT CLIP as shown.


3
Fit the CABLE MANAGEMENT CLIP as shown.


How to remove the CABLE MANAGEMENT CLIP

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



## (1) 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.


## DESKTOP PEDESTAL INSTALLATION

- Image shown may differ from your TV.
* This feature is not available for all models.

For proper ventilation, allow a clearance of 4 inches on all four sides.


ACAUTION Ensure adequate ventilation by following the clearance recommendations.

- Do not mount near or above any type of heat source.


## KENSINGTON SECURITY SYSTEM

- This feature is not available for all models.
- The TV is equipped with a Kensington Security System connector on the back panel. Connect the Kensington Security System cable as shown below.
- For the detailed installation and use of the Kensington Security System, refer to the user's guide provided with the Kensington Security System.
For further information, contact http://www.kensington.com, the internet homepage of the Kensington company. Kensington sells security systems for expensive electronic equipment such as notebook PCs and LCD projectors.


NOTE: The Kensington Security System is an optional accessory.

## PREPARATION

## VESA WALL MOUNTING

Install your wall mount on a solid wall perpendicular to the floor. When attaching to other building materials, please contact your nearest installer.
If installed on a ceiling or slanted wall, it may fall and result in severe personal injury.
We recommend that you use an LG brand wall mount when mounting the TV to a wall.
LG recommends that wall mounting be performed by a qualified professional installer.

|  $\operatorname{VESA}(A * B)$ <br> Model $B]^{\mathbf{A}}$. |  | Standard Screw | Quantity | Wall Mounting Bracket (sold separately) |
| :---: | :---: | :---: | :---: | :---: |
| 22LG3DDH | 100 * 100 | M4 | 4 | RW120 |
| 26LG3DDH |  |  |  | RW230 |
| 32LG3DDH |  |  |  |  |
| 42LD6DDH | 200 * 200 | M6 | 4 |  |

## (1) NOTE

$>$ Screw length needed depends on the wall mount used. For further information, refer to the instructions included with the mount.
$>$ Standard dimensions for wall mount kits are shown in the table.

- When purchasing our wall mount kit, a detailed installation manual and all parts necessary for assembly are provided.
$\rightarrow$ Do not use screws longer then the standard dimension, as they may cause damage to the inside to the TV.
- For wall mounts that do not comply with the VESA
standard screw specifications, the length of the screws may differ depending on their specifications.
$\Rightarrow$ Do not use screws that do not comply with the VESA standard screw specifications.
Do not tighten the screws too much. It may damage the TV or allow the TV to a fall and cause personal injury. LG is not liable for these kinds of accidents.
$>$ LG is not liable for TV damage or personal injury when a non-VESA or non specified wall mount is used or the consumer fails to follow the TV installation instructions.


## A CAUTION

$\rightarrow$ Do not install your wall mount kit while the TV is plugged in. It may result in personal injury due to electric shock.

## A WARNING

- To prevent injury, this apparatus must be securely attached to the wall in accordance with the installation instructions.


## SECURING THE TV TO THE WALL TO PREVENT FALLING WHEN THE TV IS USED ON A STAND

- You should purchase necessary components to prevent TV from falling off of the stand.
- Image shown may differ from your TV.
* This feature is not available for all models.

We recommend that you set 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 eye-bolts (or TV brackets and bolts) to attach 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.

Secure the wall brackets with screws (sold separately) to 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 or cord (sold separately) to tie the product. It is safer to tie the rope so it becomes horizontal between the wall and the product (the less slack in the rope, the better).


## © NOTE

- Use a platform or cabinet strong enough and large enough to support the size and weight of the TV.
- To use the TV safely, make sure that the height of the bracket on the wall and the one on the TV are the same.


## PREPARATION

■ To prevent damage do not connect to the power outlet until all connections are made between the devices.

## ANTENNA OR CABLE CONNECTION

## 1. Antenna (Analog or Digital)

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


## 2. Cable



- 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.


## 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 uses the picture for 32LG3DDH, 42LD6DDH model.


## HD RECEIVER SETUP

This TV can receive Digital Over-the-air or Digital 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.

## Component Connection (Except 22LC3DDH)

## 1. How to connect

Connect the video outputs ( $\mathrm{Y}, \mathrm{PB}, \mathrm{Pr}$ ) of the digital settop box to the COMPONENT IN VIDEO jacks on the TV. Match the jack colors ( $\mathrm{Y}=$ green, $\mathrm{PB}=$ blue, and $P_{R}=$ red).

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

## 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 using the INPUT button on the remote control.



## Supported Resolutions

| Signal | Component | HDMI |
| :---: | :---: | :---: |
| 480 i | Yes | No |
| 480 p | Yes | Yes |
| 720 p | Yes | Yes |
| 1080 i | Yes | Yes |
| 1080 p | No | Yes |

$\mathrm{Y}, \mathrm{CB}_{\mathrm{B}} / \mathrm{PB}_{\mathrm{B}}, \mathrm{CR}_{\mathrm{R}} / \mathrm{PR}^{2}$

| Resolution | Horizontal <br> Frequency(KHz) | Vertical <br> Frequency $(\mathrm{Hz})$ |
| :---: | :---: | :---: |
| $720 \times 480 \mathrm{i}$ | 15.73 | 59.94 |
|  | 15.73 | 60.00 |
| $720 \times 480 \mathrm{p}$ | 31.47 | 59.94 |
|  | 31.50 | 60.00 |
| $1280 \times 720 \mathrm{p}$ | 44.96 | 59.94 |
|  | 45.00 | 60.00 |
| $1920 \times 1080 \mathrm{i}$ | 33.72 | 59.94 |
|  | 33.75 | 60.00 |

## EXTERNAL EQUIPMENT SETUP

## HDMI Connection

## 1. How to connect

1 Connect the digital set-top box to HDMI/DVI IN jack on the TV.


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

HDMI-DTV

| Resolution | Horizontal <br> Frequency (KHz) | Vertical <br> Frequency $(\mathrm{Hz})$ |
| :---: | :---: | :---: |
| $720 \times 480 \mathrm{p}$ | 31.469 | 59.94 |
|  | 31.500 | 60.00 |
| $1280 \times 720 \mathrm{p}$ | 44.96 | 59.94 |
|  | 45.00 | 60.00 |
| $1920 \times 1080 \mathrm{i}$ | 33.72 | 59.94 |
|  | 33.75 | 60.00 |
| $1920 \times 1080 \mathrm{p}$ | 67.50 | 60.00 |

## DVI to HDMI Connection

## 1. How to connect

(1)
Connect the DVI output of the digital set-top box to the HDMI/DVI IN jack on the TV.
(2) Connect the audio output of the digital set-top box to the AUDIO IN(RGB/DVI) or AV IN AUDIO jack on the TV.

## 2. How to use

- Turn on the digital set-top box. (Refer to the owner's manual for the digital set-top box.)
- Select the HDMI input source on the TV using the INPUT button on the remote control.

26/32LG3DDH, 42LD6DDH


22LG3DDH


## EXTERNAL EQUIPMENT SETUP

## DVD SETUP

## Component Connection (Except 22LC3DDH)

## 1. How to connect

(1)

Connect the video outputs ( $\mathrm{Y}, \mathrm{PB}, \mathrm{PR}$ ) of the DVD to the COMPONENT IN VIDEO jacks on the TV.
Match the jack colors ( $\mathrm{Y}=$ green, $\mathrm{PB}_{\mathrm{B}}=$ blue, and $\mathrm{PR}_{\mathrm{R}}=$ red $)$.
(2) Connect the audio outputs of the DVD to the
COMPONENT IN AUDIO jacks on the TV.

## 2. How to use

- Turn on the DVD player, insert a DVD.
- Select the Component input source on the TV using the INPUT button on the remote control.
- 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 | $\mathrm{P}_{\mathrm{B}}$ | $\mathrm{P}_{\mathrm{R}}$ |
| :--- | :--- | :--- | :--- |


|  | Y | PB | PR |
| :---: | :---: | :---: | :---: |
| Video output ports | Y | $\mathrm{B}-\mathrm{Y}$ | $\mathrm{R}-\mathrm{Y}$ |
| on DVD player | Y | Cb | Cr |
|  | Y | Pb | Pr |

## HDMI Connection

## 1. How to connect

1 Connect the HDMI output of the DVD to the HDMI/DVI IN jack on the TV.
(2) No separate audio connection is necessary. HDMI supports both audio and video.

## 2. How to use

- Select the HDMI input source on the TV using the INPUT button on the remote control.
- Refer to the DVD player's manual for operating instructions.



## EXTERNAL EQUIPMENT SETUP

## VCR SETUP

- To avoid picture noise (interference), leave an adequate distance between the VCR and TV.
- If the $4: 3$ picture format is used; the fixed images on the sides of the screen may remain visible on the screen. This phenomenon is common to all TVs and is not covered by warranty.


## Antenna Connection

## 1. How to connect

(1) Connect the RF antenna out socket of the VCR to the ANTENNA IN socket on the TV.
(2) Connect the antenna cable to the RF antenna in socket of the VCR.

## 2. How to use

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


## Composite (RCA) Connection

## 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 the AV or AV1 input source on the TV using the INPUT button on the remote control.
- If connected to AV IN2, select AV2 input source on the TV (Except 22LG3DDH).


## (1) NOTE

- If you have a mono VCR, connect the audio cable from the VCR to the AUDIO L(MONO) jack of



## EXTERNAL EQUIPMENT SETUP

## OTHER A/V SOURCE SETUP

## 1. How to connect

(1)

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

## 2. How to use

- Select the AV2 input source on the TV using the INPUT button on the remote control. (Except 22LG3DDH)
- If connected to AV IN or AV IN1 input, select the $A V$ or $A V 1$ input source on the TV.
- Operate the corresponding external equipment.

26/32LG3DDH, 42LD6DDH
Camcorder


## 22LG3DDH

Camcorder


# PILLOW SPEAKER SETUP <br> ■ Connect a pillow speaker to the LCD TV/Monitor. 

## 1. How to connect

1 Connect the PILLOW SPEAKER output jack on the back of the TV.
(2) Connect an accessory pillow speaker or wired remote control unit to this 6 -pin jack.

Select PILLOW SPEAKER on the rear panel of the TV.

Use a pillow speaker that is a UL recognized pendant control bearing the warning:

"Risk of fire if used in oxygen enriched atmosphere. Keep pendant control away from oxygen equipment."

## Controlling the TV with Serial Data

The TV is capable of being controlled by a single-wire, serial data signal. This is a LG patented technology and is being implemented by certain brands of "smart" pillow speakers.

## Pillow Speaker Interface

This connector furnishes three control lines and an audio output.
 A patient-pendant remote control, or entertainment audio and nurse call system may be connected here. All lines are isolated from the AC power line and earth ground. (Optoisolators isolate the control lines, and a transformer isolates the audio. There are no relays or inductive components in the control lines.)


| $1 \longmapsto$ | TV ON/OFF |
| :--- | :--- |
| 2 | OPEN |
| 3 | CHAN UP/DATA IN |
| 3 | COMMON |
| 5 | AUDIO OUT |
| 6 | CHAU DOWN |


| pin No. | Purpose |
| :---: | :--- |
| 1 | External TV On/Off switch. |
| 2 | (Not used.) |
| 3 | External Channel Up switch or Data in. |
| 4 | Common connection for control, data, and <br> audio output. Impedance to earth ground is a <br> 10-meg resistor in parallel with a 1100 pf <br> capacitor. |
| 5 | Isolated audio output. Nominal 14-ohm source <br> impedance with short circuit protection. <br> Intended for a pillow speaker with a low-impe <br> ance pad-type volume control. |
| 6 | External Channel Down switch. |

## Controlling the TV with Mechanical Switches

 Pin 4(common) is momentarily connected to pin 1,3 , or 6 via push-action switches to control On/Off and Channel Up/Down. These pins are at +13 volts $D C$ (when measured from pin4) with the switches open. Current draw is 8 mA when a switch is closed. (This operation is identical to previous LG models using the 5-Wire Interface except that only +7 volts DC was supplied and current draw was only 2.5 mA .)
## EXTERNAL EQUIPMENT SETUP

## PC SETUP

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

## VGA (D-Sub 15 pin) Connection (Except 22LG3DDH)

## 1. How to connect



Connect the VGA output of the PC to the RGB IN(PC) jack on the TV.


## Supported Display Specifications

 (RGB-PC, HDMI-PC)| Resolution | Horizontal Frequency (KHz) | Vertical Frequency (Hz) |
| :---: | :---: | :---: |
| $\begin{gathered} 640 \times 350 \\ \text { RCB-PC } \end{gathered}$ | 31.469 | 70.08 |
| $\begin{gathered} 720 \times 400 \\ \mathrm{RGB} \mathrm{PC} \end{gathered}$ | 31.469 | 70.08 |
| $\begin{gathered} 640 \times 480 \\ \text { RGB-PC } \end{gathered}$ | 31.469 | 59.94 |
| $800 \times 600$ | 37.879 | 60.31 |
| $1024 \times 768$ | 48.363 | 60.00 |
| 1280x768 | 47.776 | 59.87 |
| $1360 \times 768$ | 47.720 | 59.799 |
| $\underset{\text { HDMI-PC }}{1366 \times 768}$ | 47.13 | 59.65 |

## (1) NOTES

- To get the the best picture quality, adjust the PC graphics card to $1360 \times 768$.
- Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use.
- In PC mode, there may be noise associated with the resolution, vertical pattern, contrast or brightness. If noise is present, change the PC output to another resolution, change the refresh rate to another rate or adjust the brightness and contrast on the PICTURE menu until the picture is clear.
- Avoid keeping a fixed image on the screen for a long period of time. The fixed image could become permanently imprinted on the screen.
- The synchronization input form for Horizontal and Vertical frequencies is separate.
- Depending on the graphics card, some resolution settings may not allow the image to be positioned on the screen properly.


## DVI to HDMI Connection

## 1. How to connect

(1) Connect the DVI output of the PC to the HDMI/DVI IN jack on the TV.
(2) Connect the PC audio output to the AUDIO IN (RGB/DVI) or AV IN AUDIO jack on the TV.

## 2. How to use

- Turn on the PC and the TV.
- Select the HDMI input source on the TV using the INPUT button on the remote control.



## 22LG3DDH



## EXTERNAL EQUIPMENT SETUP

## Screen Setup for PC mode (Except 22LC3DDH)

## Selecting Resolution

You can choose the resolution in RGB-PC mode.
The Position, Phase, and Size can also be adjusted.



Select PICTURE.


Select Screen (RGB-PC).


Select Resolution.


Select the desired resolution.

## Auto Configure

Automatically adjusts picture position and minimizes image instability. After adjustment, if the image is still not correct, try using the manual settings or a different resolution or refresh rate on the PC.

## Screen Reset (Reset to original factory values)

Returns Position, Size, and Phase to the default factory settings.
This feature operates only in RGB-PC mode.



Select PICTURE.


Select Screen (RGB-PC).


Select Auto config. or Reset.


Select Yes.

- If the position of the image is still not correct, try Auto adjustment again.
- If picture needs to be adjusted again after Auto adjustment in RGB-PC, you can adjust the Position, Size or Phase.


## WATCHING TV / CHANNEL CONTROL

## Adjustment for screen Position, Size, and Phase

If the picture is not clear after auto adjustment and especially if characters are still trembling, adjust the picture phase manually.
This feature operates only in RGB-PC mode.


Select PICTURE.


Select Screen (RGB-PC).


Select Position, Size, or Phase.


Make appropriate adjustments.

- Position: This function is to adjust picture to left/right and up/down as you prefer.
- Size: 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.


## WATCHING TV / CHANNEL CONTROL

## TURNING ON 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 $১ / /$ button on the TV or press the POWER button on the remote control.
(2) Select the viewing source by using the INPUT button on the remote control.

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

## (1) NOTE

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

## CHANNEL SELECTION

(1) Press the $\mathrm{CH}(\wedge$ or $\vee$ ) 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 CONTROL

## INITIAL SETTING

This Function guides the user to easily set the essential items for viewing the TV for the first time when pur－ chasing the TV．It will be displayed on the screen when turning the TV on for the first time．It can also be acti－ vated from the user menus．


## Selecting Menu Mode



## Step1．Tuning Band



Select the desired Tuning Band．


## Step2．Aux Input




Select Customize Inputs．

Select the input you want to enable or disable．

## Step3．Pillow Speaker




Select Pillow Speaker Code．


## Step4．Channel Access

| Installer Menu Wizard |  |
| :---: | :---: |
| Step4．Channel Access |  |
| Do you want to allow direct access to channels not in the channel list？ |  |
| 4 Yes | ＞ |
| Back | Next |
| PTC：V1．00．006 CPU：V01．17．00 FPGA：20E7 | ○ OK ニ Exit Express Scrip |

## Step5．Auto Search




Select Excute Auto Search to start the channel search．

## Step6．Channel Map Edit

| Installer Menu Wizard | 1ヤ2ヤ3ヤ4ヤ5ヤ6ヤ7 |
| :---: | :---: |
| Step6．Channel Map Edit |  |
| Would you like to edit channel map and icons？ |  |
| Edit channel map． |  |
| Back | Next |
| PTC：V1．00．006 CPU：V01．17．00 PPGA： $20 E 7$ | ○ OK った Exit Express Script |



## WATCHING TV／CHANNEL CONTROL

## ON－SCREEN MENUS SELECTION

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


Display each menu．


Select a menu item．

Enter to the pop up menu．


Return to TV viewing．

## CHANNEL SETUP

## Auto Scan (Auto Tuning)

Automatically finds all channels available through antenna or cable inputs, and stores them in memory on the channel list.
Run this function if you change your residence or move the TV. Also, make sure to run this function with the antenna connected during TV broadcasting hours.
Auto Tuning memorizes only the channels available at the time.


- The TV will ask for a password if parental control has been activated (LOCK Menu). Use the password you set up in the LOCK Menu to allow a channel search.
- When setting the Auto tuning or Manual tuning, the number of maximum channel you can store is 700 .
It is subject to change depending on the broadcasting signal environment.
- Automatically finds all channels available through antenna or cable inputs, and stores them in memory on the channel list.


## WATCHING TV／CHANNEL CONTROL

## Add／Delete Channel（Manual Tuning）

If selecting DTV or CADTV input signal，you can view the on－screen signal strength monitor to see the quality of the signal being received．


Select CHANNEL．

Select Manual Tuning．


Select DIGITAL or ANALOG．


Select channel you want to add or delete．


Select Add or Delete．


Return to the previous menu．

Return to TV viewing．

## Channel Editing

The channels in the Channel Edit List are displayed in black and the channels deleted from the Channel Edit List are displayed in blue.
When a channel number is deleted, it means that you will be unable to select it using $\mathrm{CH} \wedge \vee$ button during TV viewing.
If you wish to select the deleted channel, directly enter the channel number with the NUMBER buttons or select it in the Channel Edit menu.

|  | CHANNEL | $\bigcirc$ Move | - Enter |
| :---: | :---: | :---: | :---: |
| a) | Auto Tuning Manual Tuning |  |  |
| $\square$ |  |  |  |
|  | Channel Edit |  | $\bigcirc$ |
| (O) | Channel Label |  |  |
| (0) |  |  |  |
| \# |  |  |  |
| 每 |  |  |  |



Select Channel Edit.


Select a channel.


Return to the previous menu.


Return to TV viewing.

## WATCHING TV／CHANNEL CONTROL

## CHANNEL LABEL

Choose preset labels for your channels．
If a channel label is provided on the signal from the broadcasting station，the TV displays a short name for a channel even if you didn＇t preset a label for the channel．


Select CHANNEL．


Select Channel Label．


Select Channel．


Select a channel to set logo．


Select the appropriate logo for the channel．

## INPUT LIST



Select the desired input source.

For 26/32LG3DDH, 42LD6DDH


For 22LG3DDH


- TV: Select it to watch over-the-air, cable and digital cable broadcasts.
- AV: Select them to watch a VCR or other external equipment.
- Component: Select them to watch DVD or a Digital set-top box.
- RGB: Select it to view PC input.
- HDMI: Select them to watch high definition devices.


## PICTURE CONTROL

## PICTURE SIZE（ASPECT RATIO）CONTROL

This feature lets you choose the way an analog picture with a $4: 3$ aspect ratio is displayed on your TV． －RGB－PC input source use $4: 3$ or 16：9 aspect ratio．



Press the RATIO button repeatedly to select the picture options ：Set By Program，4：3，16：9，Zoom，Just Scan．
－You can also adjust Aspect Ratio in the PICTURE menu．

## Set by program

Selects the proper picture proportion to match the source's image.

$$
(4: 3 \rightarrow 4: 3)
$$


$(16: 9 \rightarrow 16: 9)$


## 4:3

Choose $4: 3$ when you want to view a picture with an original $4: 3$ aspect ratio.


## 16:9

Adjust the picture horizontally, in a linear proportion to fill the entire screen.


## Zoom

Choose Zoom when you want to view the picture without any alteration. However, the top and bottom portions of the picture will be cropped.


## Just Scan

Normally the edges of video signals are cropped $1-2 \%$. Just Scan turns off this cropping and shows the complete video.
Notes: If there is noise on the edges of the original signal, it will be visible when Just Scan is activated.
Just Scan operates only with DTV/CADTV/HDMI-DTV/DVI-DTV (720p/1080i/1080p), Component(720p/1080i) input sources.


## PICTURE CONTROL

## PRESET PICTURE SETTINGS

## Picture Mode - Preset

There are factory presets for picture settings available in the user menus. You can use a preset, change each setting manually.

| $\square$ | PICTURE |  | \& Move © Enter |
| :---: | :---: | :---: | :---: |
| 3 | Aspect Ratio | : 16:9 |  |
| $\square$ | Picture Mode | : Standard | O |
|  |  | - Backlight | 70 |
| (0) |  | - Contrast | $90 \sim$ |
| (4) |  | - Brightness | 50 |
|  |  | - Sharpness | 70 |
| $\because$ |  | - Color | 60 |
| (1) |  | - Tint |  |



Select PICTURE.

Select Picture Mode.


Select Vivid, Standard, Natural, Cinema, Sport or Game.


Return to the previous menu.

Return to TV viewing.

- Vivid, Standard, Natural, Cinema, Sport, and Game Settings are preset for the optimum picture quality at the factory and are adjustable.
- Vivid: This is the mode to maximize the effect of the video in the retail store. Strengthen the contrast, brightness, color and sharpness for vivid picture.
- Standard: This is the mode to realize optimum viewing condition for the general user.
- Natural: This is the mode to display the most natural screen status.
- Cinema: This mode optimizes video for watching movies.
- Sport: This is the video mode to emphasize dynamic video and primary color (e.g, white, uniform, grass, sky blue etc.) by realizing the optimal screen for sports.
- Game: This is the mode to realize fast response speed in a fast gaming screen.


## MANUAL PICTURE ADJUSTMENT - USER MODE

Adjust the picture appearance to suit your preference and viewing situations.

| $\square$ | PICTURE |  | ¢ Move © Enter |
| :---: | :---: | :---: | :---: |
| (.) | $\begin{aligned} & \text { Aspect Ratio : 16:9 } \\ & \text { Picture Mode : Standard } \end{aligned}$ |  |  |
| $\square$ |  |  |  |
| - |  | - Backlight | $70-10$ |
| (-) |  | - Contrast | 90 |
| (3) |  | - Brightness | 50 |
|  |  | - Sharpness | 70 |
| $\because$ |  | - Color | 60 |
| (1) |  | - Tint |  |



Select Picture Mode.


Select Vivid, Standard, Natural, Cinema, Sport or Game.


Select Backlight, Contrast, Brightness,
Sharpness, Color, or Tint.


Make appropriate adjustments.


Return to the previous menu.

Return to TV viewing.

## PICTURE CONTROL

## PICTURE IMPROVEMENT TECHNOLOGY

Dynamic Contrast: Optimizes the contrast automatically according to the brightness of the reflection. Dynamic Color: Adjusts the color of the reflection automatically to reproduce as close as possible natural colors. Noise Reduction: Removes interference up to the point where it does not damage the original picture.
Gamma: High gamma values display whitish images and low gamma values display high contrast images.
Color Gamut: Maximize the utilization of color to increase color quality.
Edge Enhancer: Show clearer and distinctive yet natural edges in of the video. This function is enabled in "Picture Mode - Cinema".


| Color Temperature | - Set to warm to enhance hotter colors such as red, or set to cool to make picture bluish. |
| :---: | :---: |
| Dynamic Contrast | - Adjusts the contrast to keep it at the best level according to the brightness of the screen. The picture is improved by making bright parts brighter and dark parts darker. |
| Dynamic Color | - Adjusts screen colors so that they look livelier, richer and clearer. This feature enhances hue, saturation and luminance so that red, blue, green and white look more vivid. |
| Noise Reduction | - Reduces screen noise without compromising video quality. |
| Gamma | Low : Make dark and middle gray level area of the picture brighter. <br> Medium: Express original picture levels. <br> High: Make dark and middle gray level area of the picture darker. <br> - You can adjust brightness of dark area and middle gray level area of the picture. |
| Black Level | Low: The reflection of the screen gets darker. <br> High: The reflection of the screen gets brighter. <br> Auto: Realizing the black level of the screen and set it to High or Low automatically. <br> - Set black level of the screen to proper level. <br> - This function enables to select 'Low' or 'High' in the following mode: AV (NTSC-M), HDMI or Component. Otherwise, 'Black level' is set to 'Auto'. |
| Eye Care | - Adjust the brightness of the screen to prevent the screen from being too bright. Dims extremely bright pictures. |
| Real Cinema | - Makes video clips recorded in film look more natural by eliminating judder effect. |
| Color Gamut | Standard: Displays standard set of colors. <br> Wide: Increase number of colors used. <br> - Maximize the utilization of color to increase color quality. |
| Edge Enhancer | - Show clearer and distinctive yet natural edges in of the video. <br> - This function is enabled in "Picture Mode - Cinema". |

## PICTURE CONTROL

## PICTURE RESET

Settings of the selected picture modes return to the default factory settings.



Select PICTURE.


Select Picture Reset.


Select Yes.


Initialize the adjusted value.


Return to TV viewing.

## DEMO MODE

Displays a slide show to explain the various feature of this TV.


Select Demo Mode.


Select On to show the various
feature of the TV.


Return to TV viewing.
After a while, Demo Mode starts.
If you want to stop the demo, press any button
(Except VOL +, - and MUTE button).

## SOUND \& LANGUAGE CONTROL

## AUTO VOLUME LEVELER (AUTO VOLUME)

Auto Volume makes sure that the volume level remains consistent whether you are watching a commercial or a regular TV program.
Because each broadcasting station has its own signal conditions, volume adjustment may be needed every time the channel is changed. This feature allows users to enjoy stable volume levels by making automatic adjustments for each program.


Select AUDIO.

Select Auto Volume.


Select On or Off.


Return to the previous menu.

Return to TV viewing.

## CLEAR VOICE II

By differentiating the human sound range from others, it improves the sound quality of voices.


Adjustment for Clear Voice Level With selecting On


Select Level.


Make appropriate adjustments.


Return to the previous menu.

Return to TV viewing.

## SOUND \&LANGUAGE CONTROL

## BALANCE

Adjust the left/right sound of speaker to suit your taste and room situations.



Select Balance.


Make appropriate adjustments.

Return to the previous menu.

Return to TV viewing.

## PRESET SOUND SETTINGS (SOUND MODE)

Sound Mode lets you enjoy the best sound without any special adjustment as the TV sets the appropriate sound options based on the program content.


Select AUDIO.

## SOUND \&LANGUAGE CONTROL

## SOUND SETTING ADJUSTMENT - USER MODE

Adjust the sound to suit your taste and room situations.

| (0) | AUDIO |  | ¢ Move | Enter |
| :---: | :---: | :---: | :---: | :---: |
| . 2 | Auto Volume Clear Voice II | : Off |  |  |
| $\square$ |  | : Off |  |  |
|  |  | - Level | 0 - 0 | \|||I|I| + |
| © | Balance |  | 0 ㄴㅔㅔㅔ | [\||||l|l| R |
| (0) | Sound Mode | : Standard |  |  |
|  |  | - Infinite Sound : Off |  |  |
| $\vdots$ |  | - Treble | 50 | - |
| (1) |  | $\begin{gathered} \bullet \text { Bass } \\ \nabla \end{gathered}$ | $50$ |  |



Select Sound Mode.

## INFINITE SOUND

Select this option to sound realistic.


Select Standard, Music, Cinema, Sport, or Game.


Select Treble or Bass.



Return to TV viewing.

- If sound quality or volume is not at the level you want, it is recommended to use a separate home theater system or amp to cope with different user environments.
- If you select "Clear Voice II-On", Infinite Sound feature will not operate.
- Infinite Sound: Infinite Sound is a patented LG technology that solves the problem of playing 5.1 multichannel content over two speakers.


## TV SPEAKERS ON/OFF SETUP

Turn the TV speakers off if using external audio equipment. (Except Pillow Speaker, Speaker out $8 \Omega$ ) In AV, Component, RGB and HDMI with HDMI to DVI cable, the TV speaker can be operational even when there is no video signal.
If you wish to use an external Hi-Fi system or a Infinite System, turn off the TV's internal speakers.

| (0) | AUDIO |  | $\uparrow$ Move | - Enter |
| :---: | :---: | :---: | :---: | :---: |
| 3 | Balance <br> Sound Mode | $\triangle$ |  |  |
|  |  | - Level | 0 - |  |
| $\square$ |  |  | 0 - |  |
|  |  | : Standard |  |  |
| ( |  | - Infinite Sound : Off |  |  |
| (4) |  | - Treble | 50 | - |
| $\Xi$ |  | - Reset |  |  |
|  |  |  |  |  |
| 9 | TV Speaker | : On |  | $\bigcirc$ |



Select AUDIO.


Select TV Speaker.


Select On or Off.


Return to the previous menu.

Return to TV viewing.

## SOUND \&LANGUAGE CONTROL

## AUDIO RESET

Settings of the selected Sound Mode return to the default factory settings.



Select Reset


Initialize the adjusted value.

Return to TV viewing.

## STEREO/SAP BROADCAST SETUP

For Analog only: This TV can receive MTS stereo programs and any SAP (Secondary Audio Program) that accompanies the stereo program if the station transmits an additional sound signal. Mono sound is automatically used if the broadcast is only in Mono.


Each time you press the SAP button,
Mono, Stereo, or SAP appear in turn.


Return to TV viewing.

- If other languages available on the digital signal, select them with the SAP button.


## SOUND \&LANGUAGE CONTROL

## AUDIO LANGUAGE

Other languages may be available if a digital signal is provided by the broadcasting station.
This feature operates only in DTV mode.

| $\sqrt{2}$ | OPTION | $\uparrow$ Move © Enter | $\cdots$ | OPTION | $\uparrow$ Move © Enter |
| :---: | :---: | :---: | :---: | :---: | :---: |
| (1) | Menu Language | : English | 2 | Menu Language | : English |
|  | Audio Language $:$ English $\bigcirc$ <br> Caption : Off <br> Set ID $: 1$ <br> Demo Mode $:$ Off |  |  | Audio Language | - Enalich n |
| $\square$ |  |  | $\square$ | Caption | English |
| (-) |  |  | ( | Set ID | Spanish |
| (4) |  |  | (1) | Demo Mode | French |
| $E$ |  |  | E8 |  |  |
| (9) |  |  | (4) |  |  |

Select OPTION.

Select Audio Language.

Select your desired language.


Return to the previous menu.

Return to TV viewing.

## ON-SCREEN MENUS LANGUAGE SELECTION

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

| $m$ | OPTION | © Move ○ Enter | $\cdots$ | OPTION | \& Move © Enter |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 3. | Menu Language $:$ English $\bigcirc$ <br> Audio Language $:$ English <br> Caption $:$ Off <br> Set ID $: 1$ <br> Demo Mode $:$ Off |  | 4 | Menu Language | ... |
|  |  |  |  | Audio Language | English |
| $\square$ |  |  | $\square$ | Caption | Español |
| O) |  |  | (0) | Set ID | Français |
|  |  |  |  | Demo Mode | 한국어 |
| O |  |  | U |  |  |
| 불 |  |  | 불 |  |  |
| 9 |  |  | (3) |  |  |



Select OPTION.

Return to the previous menu.

## SOUND \&LANGUAGE CONTROL

## CAPTION MODE

Caption must be provided to help people with hearing loss watch TV.
This feature operates only in TV, AV1-2 mode.


- When selecting Off, Sub-menus for Analog, DTV, and Digital Option become disabled.


## Analog Broadcasting System Captions

Captions provided to help people with hearing loss watch TV. Select a caption mode for displaying captioning information if provided on a program. Analog caption displays information at any position on the screen and is usually the program's dialog. Caption/Text, if provided by the broadcaster, would be available for both digital and analog channels on the Antenna/Cable. This TV is programmed to memorize the caption/text mode which was last set when you turned the power off. This function is only available when Caption Mode is set On.


Select OPTION.


Select On.


Select CC1-4 or Text1-4.


Return to the previous menu.

Return to TV viewing.

## Digital Broadcasting System Captions

Choose the language you want the DTV Captions to appear in.
Other Languages can be chosen for digital sources only if they are included on the program.
This function in only available when Caption Mode is set On.



Select CC1-4, Text1-4, or Service 1 - 6.

Return to the previous menu.

Return to TV viewing.

## SOUND \&LANGUAGE CONTROL

## Caption Option

Customize the DTV captions that appear on your screen.
This function in only available when Caption Mode is set On.



Customize the Style, Font, etc., to your preference. A preview icon is provided at the bottom of the screen, use it to see the caption language.


Return to the previous menu.

Return to TV viewing.

## 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. <br> - Ensure that the batteries are installed with correct polarity (+ to +, - to -). <br> - Ensure that the correct remote operating mode is set: TV, VCR etc. <br> - Install new batteries. <br> *This feature is not available for all models. |
| Power is suddenly turned off | - Is the sleep timer set? <br> - Check the power control settings. Power interrupted. |

## The video does not work.

No picture \&No sound

Picture appears slowly after switching on

No or poor color or poor picture

Horizontal/vertical bars or picture shaking

Poor reception on some channels

Lines or streaks in pictures

No picture when connecting HDMI

- 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.
- 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.
- 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.
- Check for local interference such as an electrical appliance or power tool.
- 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.
- Check antenna (Change the direction of the antenna).
- If an HDMI cable doesn't support High Speed HDMI, it can cause flickers or no screen display. In this case use the latest cables that support High Speed HDMI.


## The audio does not work.

| Picture OK \& No sound | - Press the VOL or VOLUME button. <br> - Sound muted? Press MUTE button. <br> - Try another channel. The problem may be with the broadcast. <br> - 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. |
| No sound when connecting HDMI/USB | ```- Check High Speed HDMI cable. - Check USB cable over version 2.0 - USB normal MP3 file. *This feature is not available for all models.``` |

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

The signal is out of range

Vertical bar or stripe on background \& Horizontal Noise \& Incorrect position

Screen color is unstable or single color

- Adjust resolution, horizontal frequency, or vertical frequency.
- Check the input source.
- Work the Auto configure or adjust clock, phase, or H/V position. (Option)

■ Check the signal cable.

- Reinstall the PC video card.


## 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.

## WARNING

- Do not use window/glass cleaner or anything with ammonia to clean the screen.


## 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

## $\triangle$ 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

| MODEL |  | $\begin{aligned} & \text { 22LG3DDH } \\ & \text { (22LG3DDH-UA) } \end{aligned}$ | $\begin{aligned} & \text { 26LG3DDH } \\ & \text { (26LG3DDH-UA) } \end{aligned}$ | $\begin{aligned} & \text { 32LG3DDH } \\ & \text { (32LG3DDH-UA) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| Dimensions <br> (Width x Height x Depth) |  | $\begin{aligned} & 528 \times 387.3 \times 82.7 \mathrm{~mm} \\ & 20.7 \times 15.2 \times 3.2 \text { inches } \end{aligned}$ | $\begin{gathered} 663.3 \times 449.8 \times 105.0 \mathrm{~mm} \\ 26.1 \times 17.6 \times 4.1 \text { inches } \end{gathered}$ | $801.8 \times 544.4 \times 109 \mathrm{~mm}$ $31.5 \times 21.4 \times 4.2$ inches |
| Weight |  | $6.2 \mathrm{~kg} / 13.6 \mathrm{lbs}$ | 8.1 kg / 17.8 lbs | $11.9 \mathrm{~kg} / 26.2 \mathrm{lbs}$ |
| Power requirement <br> Television System <br> Program Coverage <br> External Antenna Impedance |  | $\mathrm{AC} 120 \mathrm{~V} \sim 50 / 60 \mathrm{~Hz}$ <br> VHF 2-13, UHF | AC120V ~50/60Hz <br> C-M, VSB, 64 \& 256 QAM 69, CATV 1-135, DTV 2-69, $75 \Omega$ | $\mathrm{AC} 120 \mathrm{~V} \sim 50 / 60 \mathrm{~Hz}$ <br> TV 1-135 |
| Environment condition | Operating Temperature Operating Humidity |  | $0 \sim 40^{\circ} \mathrm{C}\left(32 \sim 104^{\circ} \mathrm{F}\right)$ <br> Less than $80 \%$ |  |
|  | Storage Temperature Storage Humidity |  | $-20 \sim 60^{\circ} \mathrm{C}\left(-4 \sim 140^{\circ} \mathrm{F}\right)$ <br> Less than $85 \%$ |  |


| MODEL |  | $\begin{aligned} & \text { 42LD6DDH } \\ & \text { (42LD6DDH-UA) } \end{aligned}$ |
| :---: | :---: | :---: |
| Dimensions (Width x Height x Depth) |  | $\begin{gathered} 1024.0 \times 621.0 \times 87.1 \mathrm{~mm} \\ 40.3 \times 24.4 \times 3.4 \text { inches } \end{gathered}$ |
| Weight |  | $15.1 \mathrm{~kg} / 33.2 \mathrm{lbs}$ |
| Power requirement <br> Television System <br> Program Coverage <br> External Antenna Impedance |  | $\begin{gathered} \text { AC120V } \sim 50 / 60 \mathrm{~Hz} \\ \text { NTSC-M, VSB, } 64 \& 256 \text { QAM } \end{gathered}$ <br> VHF 2-13, UHF 14-69, CATV 1-135, DTV 2-69, CADTV 1-135 $75 \Omega$ |
| Environment condition | Operating Temperature Operating Humidity | $0 \sim 40^{\circ} \mathrm{C}\left(32 \sim 104^{\circ} \mathrm{F}\right)$ <br> Less than $80 \%$ |
|  | Storage Temperature Storage Humidity | $-20 \sim 60^{\circ} \mathrm{C}\left(-4 \sim 140^{\circ} \mathrm{F}\right)$ <br> Less than $85 \%$ |

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Version 1.1

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Life's Good

The model and serial number of the TV is located on the back and one side of the TV.
Record it below should you ever need service.
MODEL
SERIAL

## :: FCC Compliance Statement

This equipment has been tested and found to comply within the limits of a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception (which can be determined by turning the equipment on and off), the user is encouraged to try to correct the interference by using one or more of the following measures:

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

Caution: Changes or modifications not expressly approved by the party responsible for compliance could void the user's (or your) authority to operate the equipment. Only peripherals (digital input/output devices, terminals, printers, etc.) certified to comply with the Class B limits may be attached to this monitor. Operation with non-certified peripherals is likely to result in interference to radio and TV reception. Only shielded signal cables may be used with this System.

## NOTICE

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## :: Canadian DOC Notice

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment
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| - EN 55022 | ; Radio Frequency Interference |
| :--- | :--- |
| - EN 55024 | ; Electromagnetic Immunity |
| - EN 61000-3-2 | ; Power Line Harmonics |
| - EN 61000-3-3 | ; Voltage Fluctuations |
| - EN 60950-1 | ; Product Safety |

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## :: Low Radiation Compliance (MPR II)

This monitor meets one of the strictest guidelines available today for low radiation emissions, offering the user extra shielding and an antistatic screen coating. These guidelines, set forth by a government agency in Sweden, limit the amount of emission allowed in the Extremely Low Frequency (ELF) and Very Low Frequency (VLF) electromagnetic range.

## :: TCO'99 (TCO'99 applied model only) <br> 

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## - Regulatory Information cont.

Why do we have environmentally labelled computers? In many countries, environmental labelling has become an established method for encouraging the adaptation of goods and services to the environment. With the growing manufacture and usage of electronic equipment throughout the world, there is a recognized concern for the materials and substances used by electronic products with regards to their eventual recycling and disposal. By proper selection of these materials and substances, the impact on the environment can be minimized.

There are also other characteristics of a computer, such as energy consumption levels, that are important from the viewpoints of both the work (internal) and natural (external) environments. Electronic equipment in offices is often left running continuously, resulting in unnecessary consumption of large amounts of energy and additional power generation. From the standpoint of carbon dioxide emissions alone, it is vital to save energy.

## What does labelling involve?

The product meets the requirements for the TCO'99 scheme which provides for international and environmental labelling of personal computers and/or displays.
The labelling scheme was developed as a joint effort by the TCO (The Swedish Confederation of Professional Employees), Svenska Naturskyddsforeningen (The Swedish Society for Nature Conservation) and Statens Energimyndighet (The Swedish National Energy Administration).
Approval requirements cover a wide range of issues: ecology, ergonomics, emission of electrical and magnetical fields, energy consumption and electrical safety.

Ecological criteria impose restrictions on the presence and use of heavy metals, brominated and chlorinated flame retardants, and other substances. The product must be prepared for recycling and the manufacturing site(s) shall be certified according to ISO14001 or EMAS registered.

Energy requirements include a demand that the system unit and/or display, after a certain period of inactivity, shall reduce its power consumption to a lower level in one or more stages. The length of time to reactivate the system unit shall be reasonable for the user.

Labelled products must meet strict environmental demands, for example, in respect of the reduction of electrical and magnetical fields as well as work load and

## visual ergonomics.

Below you will find a brief summary of the ecological requirements met by this product. The complete ecological criteria document can be found at TCO Development's website http://www.tcodevelopment.com or may be ordered from:

## TCO Development

SE-114 94 STOCKHOLM, Sweden
Fax: +4687829207
Email : development@tco.se
Information regarding TCO'99 approved and labelled
products may also be obtained at
http://www.tcodevelopment.com

## Ecological requirements

Flame retardants
Flame retardants may be present in printed wiring board laminates, cables, and housings. Their purpose is to prevent, or at least to delay the spread of fire. Up to 30\% by weight of the plastic in a computer casing can consist of flame retardant substances. Many flame retardants contain bromine or chlorine, and these flame retardants are chemically related to PCBs (polychlorinated biphenyls). Both the flame retardants containing bromine or chlorine and the PCBs are suspected of giving rise to health effects, including reproductive damage in fisheating birds and mammals, due to the bio-accumulative* processes when not disposed of in accordance with strict standards for disposal.

TCO'99 requires that plastic components weighing more than 25 grams shall not contain flame retardants with organically bound bromine or chlorine. Flame retardants are allowed in the printed wiring board laminates due to the lack of commercially available alternatives.

Cadmium**
Cadmium is present in rechargeable batteries and in the colour-generating layers of certain computer displays. TCO'99 requires that batteries, the colour-generating layers of display screens, and the electrical or electronics components shall not contain any cadmium.

## Mercury**

Mercury is sometimes found in batteries, relays and switches. TCO'99 requires that batteries shall not contain any mercury. It also demands that mercury is not present in any of the electrical or electronics components associated with the labelled unit. There is however one

## - Regulatory Information cont.

exception. Mercury is, for the time being, permitted in the back light system of flat panel monitors as there today is no commercially available alternative. TCO aims on removing this exception when a mercury free alternative is available.

Lead**
Lead can be found in picture tubes, display screens, solders and capacitors. TCO'99 permits the use of lead due to the lack of commercially available alternatives, but in future requirements TCO Development aims at restricting the use of lead.

* Bio-accumulative is defined as substances which accumulate in living organisms.
**Lead, Cadmium and Mercury are heavy metals which are bio-accumulative.
:: TCO'03 (TCO'03 applied model only)
TCDevelopment



## Congratulations!

The display you have just purchased carries the TCO'03 Displays label.
This means that your display is designed,manufactured and tested according to some of the strictest quality and environmental requirements in the world. This makes for a high performance product, designed with the user in focus that also minimizes the impact on our natural environment. Some of the features of the TCO'03 Display requirements:

## Ergonomics

- Good visual ergonomics and image quality in order to improve the working environment for the user and to reduce sight and strain problems. Important parameters are luminance, contrast, resolution, reflectance, colour rendition and image stability.


## Energy

- Energy-saving mode after a certain time - beneficial both for the user and the environment
- Electrical safety


## Emissions

- Electromagnetic fields
- Noise emissions


## Ecology

- The product must be prepared for recycling and the manufacturer must have a certified environmental management system such as EMAS or ISO 14001
- Restrictions on
- chlorinated and brominated flame retardants and polymers
- heavy metals such as cadmium, mercury and lead.

The requirements included in this label have been developed by TCO Development in co-operation with scientists, experts, users as well as manufacturers all over the world. Since the end of the 1980s TCO has been involved in influencing the development of IT equipment in a more user-friendly direction. Our labelling system started with displays in 1992 and is now requested by users and IT-manufacturers all over the world.

## For more information, please visit www.tcodevelopment.com

## English

## Information for Environmental Preservation

LGE. announced the 'LG Declaration for a Cleaner Environment' in 1994, and this ideal has served as a guiding managerial principle ever since. The Declaration is a foundation that has allowed us to undertake environmentally friendly activities in careful consideration of economic, environmental, and social aspects.

We promote activities for environmental preservation, and we specifically develop our products to embrace the concept of environment-friendly
We minimize the hazardous materials contained in our products. For example, there is no cadmium to be found in our monitors.

## Information for recycling

This monitor may contain parts which could be hazardous to the environment. It is important that this monitor be recycled after use.

LGE. handles all waste monitors through an environmentally acceptable recycling method. There are several take-back and recycling systems currently in

## - Regulatory Information cont.

operation worldwide. Many parts will be reused and recycled, while harmful substances and heavy metals are treated by an environmentally friendly method.
If you want to find out more information about our recycling program, please contact your local LG vendor or a corporate representative of LG.

We set our vision and policies on a cleaner world by selecting the issue of the global environment as a task for corporate improvement. Please visit our website for more information about our 'green' policies.
http://www.Ige.com/about/environment/html/Recycling.jsp

## Deutsch

## Informationen zur Erhaltung der Umwelt

Im Jahr 1994 verkündete LGE die 'LG Declaration for a Cleaner Environment' (LG Erklärung für eine sauberere Umwelt). Seitdem dient dieses Ideal als führendes Prinzip des Unternehmens. Diese Erklärung war die Basis für die Durchführung von
umweltfreundlichen Aktivitäten, wobei wirtschaftliche, umweltbezogene und soziale Aspekte in die Überlegungen mit einbezogen wurden.
Wir fördern Aktivitäten zum Schutz der Umwelt und die Entwicklung unserer Produkte ist darauf ausgerichtet, unserem Konzept bezüglich Umwelffreundlichkeit gerecht zu werden.
Wir sind darauf bedacht, den Anteil der in unseren Produkten enthaltenen schädlichen Materialien zu minimieren. So ist in unseren Monitoren beispielsweise kein Kadmium zu finden.

## Informationen zum Thema Recycling

Dieser Monitor enthält Teile, die umweltschädlich sein können. Es ist unbedingt erforderlich, dass der Monitor recycelt wird, nachdem er außer Dienst gestellt wurde.

Bei LGE. werden alle ausrangierten Monitore in einem unter umweltbezogenen Aspekten geeigneten Verfahren recycelt. Augenblicklich sind weltweit mehrere Rücknahme- und Recyclingsysteme im Einsatz. Viele Teile werden wieder verwendet und recycelt. Schädliche Substanzen und Schwermetalle werden durch umweltverträgliche Verfahren behandelt.
Falls Sie mehr über unser Recyclingprogramm erfahren möchten, wenden Sie sich bitte an Ihren lokalen LGHändler oder einen Unternehmensvertreter von LG.

Wir richten unsere Firmenpolitik auf eine sauberere Umwelt hin aus, indem wir umweltspezifische Aspekte als wichtigen Punkt in die Weiterentwicklung unseres Unternehmens einfließen lassen. Zusätzliche
Informationen über unsere 'grüne' Firmenpolitik erhalten Sie auf unserer Website. http://www.Ige.com/about/environment/htm//Recycling.jsp

## Français

Information sur la protection del'environnement
LGE. a publié sa 'Déclaration en faveur d'un environnement plus propre' en 1994 et celle-ci est restée, depuis lors, un principe directeur de notre entreprise. Cette déclaration a servi de base à notre réflexion et nous a permis de prendre en compte à la fois les aspects économiques et sociaux de nos activités, tout en respectant l'environnement.

Nous encourageons les activités en faveur de la préservation de l'environnement et c'est dans cet esprit que nous développons nos produits : nous réduisons au minimum les matières dangereuses qui entrent dans leur composition et l'on ne trouve pas de cadmium, par exemple, dans nos moniteurs.

## Information sur le recyclage

Ce moniteur peut contenir des composants qui présentent un risque pour l'environnement. Il est donc important que celui-ci soit recyclé après usage.

LGE. traite les moniteurs en fin de cycle conformément à une méthode de recyclage respectueuse de l'environnement. Nous reprenons nos produits et les recyclons dans plusieurs sites répartis dans le monde entier. De nombreux composants sont réutilisés et recyclés, et les matières dangereuses, ainsi que les métaux lourds, sont traités selon un procédé écologique. Si vous souhaitez plus de renseignements sur notre programme de recyclage, veuillez contacter votre revendeur LG ou un l'un de nos représentants.

Nous voulons agir pour un monde plus propre et croyons au rôle de notre entreprise dans l'amélioration de l'environnement. Pour plus de renseignements sur notre politique "verte", rendez visite à notre site : http://www.Ige.com/about/environment/htm//Recycling.jsp

## - Regulatory Information cont.

## It Italiano

## Informazioni per la tutela dell'ambiente

La LGE. ha annunciato nel 1994 la cosiddetta 'LG Declaration for a Cleaner Environment' (Dichiarazione di LG a favore di un ambiente più pulito), un ideale che da allora funge da principio ispiratore della gestione aziendale. La dichiarazione rappresenta il fondamento che consente di intraprendere attività a favore dell'ambiente tenendo conto degli aspetti economici, ambientali e sociali.Noi della LG, promuoviamo attività a favore della tutela dell'ambiente sviluppando appositamente i nostri prodotti per cogliere il concetto del rispetto dell'ambiente riducendo i materiali dannosi presenti nei nostri prodotti. Ad esempio nei nostri monitor non è presente il cadmio.

## Informazioni per il riciclaggio

Il monitor può presentare componenti che potrebbero risultare eventualmente dannosi per l'ambiente. È importante che il monitor sia riciclato al termine del suo utilizzo.

La LGE. gestisce tutti i monitor di rifiuto con un metodo di riciclaggio soddisfacente dal punto di vista ambientale. In tutto il mondo sono attualmente in funzione numerosi sistemi di riciclaggio e recupero. I diversi componenti sono riutilizzati e riciclati, mentre le sostanze dannose e i metalli pesanti vengono trattati con un metodo rispettoso dell'ambiente.
Se si desiderano maggiori informazioni in merito al programma di riciclaggio, è consigliabile rivolgersi al proprio rivenditore LG o ad un rappresentante aziendale della LG.

Noi della LG impostiamo la nostra visione e le nostre politiche a favore di un mondo più pulito ponendo la questione dell'ambiente dal punto di vista globale come una mansione rivolta al miglioramento della nostra azienda. Vi invitiamo a visitare il nostro sito internet per ulteriori informazioni sulla nostra politica "verde".
http://www.Ige.com/about/environment/html/Recycling.jsp

## \# Espanöl

## Información para la conservación medioambiental

LGE. presentó la 'Declaración para un entorno más limpio de LG' en 1994 y este ideal ha servido para guiar nuestros principios empresariales desde entonces. La Declaración es la base que nos ha permitido llevar a cabo tareas que
respetan el medio ambiente siempre teniendo en cuenta aspectos sociales,
económicos y medioambientales.
Promocionamos actividades orientadas a la conservación del medio ambiente y desarrollamos nuestros productos específicamente para que se ajusten a la filosofía que protege el entorno.
Reducimos al máximo el uso de materiales de riesgo en nuestros productos. Un ejemplo de ello es la ausencia total de cadmio en nuestros monitores.

## Información para el reciclaje

Este monitor puede contener piezas que entrañen riesgos medioambientales. Es importante reciclar este monitor después de su utilización.
LGE. trata todos los monitores usados siguiendo un método de reciclaje que no daña al entorno. Contamos con diversos sistemas de recuperación y reciclaje que funcionan a nivel mundial en la actualidad. Es posible reciclar y reutilizar muchas de las piezas, mientras que las sustancias dañinas y los metales pesados se tratan siguiendo un método que no perjudique al medio ambiente. Si desea obtener más información acerca del programa de reciclaje, póngase en contacto con su proveedor local de LG o con un representante empresarial de nuestra marca.

Basamos nuestra visión y nuestras políticas en un mundo más limpio y para ellos optamos por un entorno global como tarea principal de nuestra evolución como empresa. Visite nuestra página Web para obtener más información sobre nuestras políticas ecológicas.
http://www.Ige.com/about/environment/html/Recycling.jsp

## Hortuguês

## Informações relacionadas à preservação ambiental

A LGE. anunciou a 'LG Declaration for a Cleaner Environment' (Declaração da LG para um ambiente mais limpo) em 1994 e esse ideal tem servido desde então como um princípio administrativo de orientação. A Declaração é a base que nos tem permitido realizar atividades favoráveis ao ambiente com consideração atenta aos aspectos econômicos, ambientais e sociais.

Promovemos atividades de preservação ambiental e desenvolvemos nossos produtos para englobar

## - Regulatory Information cont.

especificamente o conceito de favorável ao ambiente.
Reduzimos os materiais perigosos contidos em nossos produtos. Por exemplo, não há cádmio em nossos monitores.

## Informações relacionadas à reciclagem

Este monitor pode conter peças que podem representar riscos ao ambiente. É importante que ele seja reciclado após o uso.

A LGE. cuida de todos os monitores descartados através de um método de reciclagem agradável ao ambiente. Há vários sistemas de devolução e reciclagem atualmente em operação no mundo. Muitas peças serão reutilizadas e recicladas e as substâncias nocivas e os metais pesados passarão por tratamento através de um método favorável ao ambiente.
Para obter mais informações sobre nosso programa de reciclagem, entre em contato com seu fornecedor LG local ou com um representante corporativo da LG.
Definimos nossa visão e nossas políticas relacionadas a um mundo mais limpo selecionando a questão do ambiente global como uma tarefa de aprimoramento corporativo. Visite nosso site para obter mais informações sobre nossas políticas de meio ambiente.
http://www.Ige.com/about/environment/htm//Recycling.jsp

## - Nederlands

## Informatie met betrekking tot het behoud van

 het milieuLGE. publiceerde in 1994 de 'LG Declaration for a Cleaner Environment' (de LG-verklaring met betrekking tot een schoner milieu). Deze verklaring en het ideaal van een schoner milieu fungeren sindsdien als een bestuurlijke leidraad voor onze onderneming. Op basis van deze verklaring ontplooien wij milieuvriendelijke activiteiten, waarbij er zowel met sociale en economische aspecten, als met milieuaspecten zorgvuldig rekening wordt gehouden.

Wij ondersteunen activiteiten die zijn gericht op het behoud van het milieu en wij houden bij het ontwikkelen onze producten specifiek rekening met de milieuvriendelijkheid van onze producten.
Wij minimaliseren het gebruik van schadelijke stoffen in onze producten. Er wordt bijvoorbeeld geen cadmium verwerkt in onze monitors.

## Informatie met betrekking tot recycling

Deze monitor bevat materialen die schadelijk zouden kunnen zijn voor het milieu. Het is belangrijk dat deze monitor aan het einde van zijn levensduur wordt gerecycled.

LGE. verwerkt alle afvalmonitors via een milieuvriendelijke recyclingmethode. Hiervoor worden er momenteel wereldwijd verscheidene inname- en recyclingsystemen gehanteerd. Een groot aantal onderdelen wordt opnieuw gebruikt en gerecycled, waarbij schadelijke stoffen en zware metalen volgens een milieuvriendelijke methode worden verwerkt.
Voor meer informatie over ons recyclingprogramma kunt u contact opnemen met uw plaatselijke LGvertegenwoordiger of een LG-vestiging.

Onze visie en ons beleid met betrekking tot een schonere wereld vloeien voort uit het feit dat wij het milieu hebben aangemerkt als een onderwerp dat speciale aandacht verdient binnen onze onderneming. Bezoek onze website voor meer informatie over ons 'groene' beleid. http://www.Ige.com/about/environment/htm//Recycling.jsp

Russian

## Информация по охране окружающей среды

В 1994 году корпорация LGE опубликовала 'Декларацию LG по охране окружающей среды', которая с тех пор служит основным принципом управления. На основе этой декларации мы смогли предпринять действия, обеспечивающие безопасность окружающей среды, уделяя при этом должное внимание экономическим, экологическим и социальным аспектам.

Мы стимулируем деятельность по охране окружающей среды, уделяя особое внимание разработке нашей продукции в соответствии с концепцией экологической безопасности.
Мы сводим к минимуму содержание опасных веществ в нашей продукции. Например, в наших мониторах вы не найдете кадмия

## Информация по утилизации отходов

Этот монитор может содержать компоненты, которые могут нанести ущерб окружающей среде.

## - Regulatory Information cont.

Необходимо утилизировать монитор после использования.

Корпорация LGE перерабатывает все бракованные мониторы с помощью экологически приемлемого метода утилизации отходов. По всему миру действуют системы утилизации отходов и возврата использованной продукции. Многие компоненты будут вторично использованы и утилизированы, в то время как вредные вещества и тяжелые металлы будут обработаны с помощью экологически приемлемого метода.
За более подробной информацией по нашей программе утилизации отходов обращайтесь к местному поставщику или представителю

корпорации LG.

Мы ориентируемся на обеспечение экологической безопасности, ставя себе целью глобальную защиту окружающей среды. Дополнительную информацию о нашей политике по охране окружающей среды вы можете найти на нашем сайте:
http://www.Ige.com/about/environment/html/Recycling.jsp

## 한국어

## 환경 보존 정보

LG 전자는 1994년 'LG 환경 선언문'을 발표한 후 현재까지 이를 기업 경영의 이념으로 삼아왔습니다. 이 선언문을 바탕으로 LG 전자는 모든 경영 활동에서 경제성뿐만 아니라 환경성 및 사회성을 주요 의사 결정의 기준으로 삼음으로써 지속적으로 환경 친회적인 경영을 전개하고 있습니다.

본사는 보다 활발한 환경 보존 활동과 더불어 환경 친회적 제품 개발에 주력해 왔습니다.
또한 제품에 포함되는 환경 위해 요소를 최소화하는 데에도 노력을 게을리하지 않고 있습니다. LG 전자 모니터의 경우 카드뮴을 전혀 사용하지 않는 것에서도 이러한 노력을 알 수 있습니다

## 재활용 정보

본 모니터에는 환경에 위해를 주는 부품이 포함되어 있을 수도 있습니다. 따라서 사용이 끝난 모니터는 재활용하는 것이 좋습니다.

폐모니터는 모두 환경 친회적 방식으로 처리됩니다 현재 세계적으로 운영되고 있는 회수 및 재활용 시스템에는

여러 가지가 있습니다. 대부분의 부품의 경우 재사용 또는 재활용되지만 환경 위해 물질과 중금속은 환경 친회적 방법으로 처리됩니다.
본사의 재활용 프로그램에 대한 자세한 정보는 각 지역의 LG 공급업체나 LG 기업 대표부에 문의하시기 바랍니다.

LG 전자는 기업 개선 정책의 하나로 지구 환경 문제를 채택함으로써 보다 나은 환경을 만들어 나가기 위한 비전과 정책을 수립했습니다. 본사의 친환경 정책에 대한 자세한 정보를 보시려면 아래의 웹 사이트를 방문하십시오.
http:// www.Ige.c o.kr/c okr/about/env iron/purity_02.jsp

## $\because:$ EPA (EPA applied model only)

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

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

::NOM MARK (Mexico only)



## English

## Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2.All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3.The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4.For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.

## French

Élimination de votre ancien appareil
1.Ce symbole, représentant une poubelle sur roulettes barrée d'une croix, signifie que le produit est couvert par la directive européenne 2002/96/EC.
2.Les éléments électriques et électroniques doivent être jetés séparément, dans les videordures prévus à cet effet par votre municipalité.
3.Une élimination conforme aux instructions aidera à réduire les conséquences négatives et risques éventuels pour l'environnement et la santé humaine.
4. Pour plus d'information concernant l'élimination de votre ancien appareil, veuillez contacter votre mairie, le service des ordures ménagères ou encore la magasin où vous avez acheté ce produit.

## Italian

Smaltimento delle apparecchiature obsolete 1.Quando su un prodotto è riportato il simbolo di
un bidone della spazzatura barrato da una croce significa che il prodotto è coperto dalla direttiva europea 2002/96/EC.
2.Tutti i prodotti elettrici ed elettronici dovrebbero essere smaltiti separatamente rispetto alla raccolta differenziata municipale, mediante impianti di raccolta specifici designati dal governo o dalle autorità locali.
3.Il corretto smaltimento delle apparecchiature obsolete contribuisce a prevenire possibili conseguenze negative sulla salute umana e sull'ambiente.
4.Per informazioni più dettagliate sullo smaltimento delle apparecchiature obsolete, contattare il comune, il servizio di smaltimento rifiuti o il negozio in cui è stato acquistato il prodotto.

## - Swedish

## Kassering av din gamla apparat

1.När den här symbolen med en överkryssad soptunna på hjul sitter på en produkt innebär det att den regleras av European Directive 2002/96/EC.
2.Alla elektriska och elektroniska produkter bör kasseras via andra vägar än de som finns för hushållsavfall, helst via för ändamålet avsedda uppsamlingsanläggningar som myndigheterna utser.
3.Om du kasserar din gamla apparat på rätt sätt så bidrar du till att förhindra negativa konsekvenser för miljön och människors hälsa
4.Mer detaljerad information om kassering av din gamla apparat kan får av kommunen, renhållningsverket eller den butik där du köpte produkten.

## H Dutch

## Uw oude toestel wegdoen

1.Als het symbool met de doorgekruiste verrijdbare afvalbak op een product staat, betekent dit dat het product valt onder de Europese Richtlijn 2002/96/EC.
2.Elektrische en elektronische producten mogen niet worden meegegeven met het huishoudelijk afval, maar moeten worden ingeleverd bij speciale inzamelingspunten die door de lokale of landelijke overheid zijn aangewezen.
3.De correcte verwijdering van uw oude toestel helpt negatieve gevolgen voor het milieu en de menselijke gezondheid voorkomen.
－I．Regulatory Information cont．

4．Wilt u meer informatie over de verwijdering van uw oude toestel？Neem dan contact op met uw gemeente，de afvalophaaldienst of de winkel waar u het product hebt gekocht．

## Finnish

## Vanhojen laitteiden hävittäminen

1．Tämä merkki tuotteessa tarkoittaa，että tuote kuuluu sähkö－ja elektroniikkalaiteromusta annetun EU－direktiivin 2002／96／EY soveltamisalaan．
2．Kaikki elektroniset laitteet ovat ongelmajätettä， joten ne on toimitettava paikalliseen keräyspisteeseen．
3．Vanhan laitteen asianmukainen hävittäminen ehkäisee mahdollisia ympäristöön ja terveyteen kohdistuvia haittavaikutuksia．
4．Lisätietoa vanhan laitteen hävittämisestä saat ottamalla yhteyden paikallisiin viranomaisiin， kierrätyskeskukseen tai myymälaän，josta ostit laitteen．

## German

## Entsorgung von Altgeräten

1．Wenn dieses Symbol eines durchgestrichenen Abfalleimers auf einem Produkt angebracht ist， unterliegt dieses Produkt der europäischen Richtlinie 2002／96／EC．
2．Alle Elektro－und Elektronik－Altgeräte müssen getrennt vom Hausmüll über dafür staatlich vorgesehenen Stellen entsorgt werden．
3．Mit der ordnungsgemäßen Entsorgung des alten Geräts vermeiden Sie Umweltschäden und eine Gefährdung der persönlichen Gesundheit．
4．Weitere Informationen zur Entsorgung des alten Geräts erhalten Sie bei der Stadtverwaltung， beim Entsorgungsamt oder in dem Geschäft，wo Sie das Produkt erworben haben．

## Danish

Sådan smider du dit gamle apparat ud
1．Når der er et tegn med et kryds over en skraldespand，betyder det，at produktet er omfattet af EU－direktiv 2002／96／EC．
2．Alle elektriske og elektroniske produkter skal smides ud et andet sted end gennem den kommunale affaldsordning ved hjælp af specielle indsamlingsfaciliteter，der er organiseret af staten
eller de lokale myndigheder．
3．Korrekt bortskaffelse af dit gamle apparat er med til at forhindre mulige skadevirkninger på miljøet og menneskelig sundhed．
4．Mere detaljerede oplysninger om bortskaffelse af dit gamle apparat kan fås ved at kontakte dit lokale kommunekontor，renovationsselskab eller den butik，hvor du købte produktet．

## Greek

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## Spanish

Cómo deshacerse de aparatos eléctricos y electrónicos viejos

1．Si en un producto aparece el símbolo de un contenedor de basura tachado，significa que éste se acoge a la Directiva 2002／96／CE．
2．Todos los aparatos eléctricos o electrónicos se deben desechar de forma distinta del servicio municipal de recogida de basura，a través de puntos de recogida designados por el gobierno o las autoridades locales．
3．La correcta recogida y tratamiento de los dispositivos inservibles contribuye a evitar riesgos potenciales para el medio ambiente y la salud pública．
4．Para obtener más información sobre cómo deshacerse de sus aparatos eléctricos y electrónicos viejos，póngase en contacto con su ayuntamiento，el servicio de recogida de basuras o el establecimiento donde adquirió el producto．

## Portuguese

## Eliminação do seu antigo aparelho

1. Quando este símbolo de latão cruzado estiver afixado a um produto, significa que o produto é abrangido pela Directiva Europeia 2002/96/EC
2. Todos os produtos eléctricos e electrónicos devem ser eliminados separadamente do lixo doméstico através de pontos de recolha designados, facilitados pelo governo ou autoridades locais.
3. A eliminação correcta do seu aparelho antigo ajuda a evitar potenciais consequências negativas para o ambiente e para a saúde humana.
4. Para obter informaçõs mais detalhadas acerca da eliminação do seu aparelho antigo, contacte as autoridades locais, um serviço de eliminação de resíduos ou a loja onde comprou o produto.

## Slovak

## Likvidácia váš ho starého prístroja

1. Ked' sa na produkte nachádza tento symbol prečiarknutej smetnej nádoby s kolieskami, znamená to, že daný produkt vyhovuje európskej Smernici č. 2002/96/EC.
2. Všetky elektrické a elektronické produkty by mali byt' zlikvidované oddelene od komunálneho odpadu prostredníctvom na to určených zberných zariadení, ktoré boli ustanovené vládou alebo orgánmi miestnej správy.
3. Správnou likvidáciou starých zariadení pomôžete predchádzat' potenciálnym negatívnym následkom pre prostredie a ludské zdravie.
4. Podrobnejšie informácie o likvidácii starých zariadení nájdete na miestnom úrade, v službe na likvidáciu odpadu alebo u predajcu, kde ste tento produkt zakúpili.

## Czech

## Likvidace starých spotřebičů

1. Pokud je u výrobku uveden symbol pojízdného kontejneru v přeškrtnutém poli, znamená to, že na výrobek se vztahuje směrnice Evropské unie číslo 2002/96/EC.
2. Všchny elektrické a elektronické výrobky by měly být likvidovány odděleně od běžného komunálního odpadu prostřednictvím sběrných zařízení zřízených za tímto účelem vládou nebo místní samosprávou.
3. Správný způsob likvidace starého elektrického spotřebiče pomáhá zamezit možným negativním dopadům na životní prostředí a zdraví,
4. Bližší informace o likvidaci starého spotřebiče získáte u místní samosprávy, ve sběrném zarízení nebo v obchodě, ve kterém jste výrobek zakoupili.

## - Croatian

## Uklanjanje starog aparata

1. Ako se na proizvodu nalazi simbol prekrižene kante za smeće, to znači da je proizvod pokriven europskom direk-
tivom 2002/96/EC.
2. Električni i elektronski proizvodi ne smiju se odlagati zajedno s komunalnim otpadom, već u posebna odlagališta koja je odredila vlada ili lokalne vlasti
3. Pravilno odlaganje starog proizvoda sprečit če potenci jalne negativne posljedice po okoliš i zdravlje ljudi
4. Podrobnije informacije o odlaganju starog proizvoda potražite u gradskom uredu, službi za odlaganje otpada ili u trgovini u kojoj ste kupili proizvod.

## Hungarian

Régi eszközök ártalmatlanítása

1. A termékhez csatolt áthúzoot, kerekes szeméttároló jel jelöli, hogy a termék a 2002/96/EC EU-direktíva hatálya alá esik.
2. Minden elektromos és elektronikai terméket a lakosság hulladéktól elkülönítve kell begyüjteni, a kormány vag az önkormányzatok által kijeÏ̈lt begyüjiö eszközök használatával.
3. Régi eszközeinek megfelelö ártalmatlanítása segíthet megelözni az esetleges egészségre vagy környezetre ártalmas hatásokat.
4. Ha több információra van szüksége régi eszközeinek ártalmatlanításával kapcsolatban, tanulmányozza a vonatkozó környezetvédelmi szabályokat, vagy lépjen kapcsolatba az üzlettel, ahol a terméket vásárolta.

## Polish

## Utylizacja starych urządzeń

1. Kiedy do produktu dołączony jest niniejszy przekreślony symbol kołowego pojemnika na śmieci, oznacza to, że produkt jest objęty dyrektywa 2002/96/EC.
2. Wszystkie elektryczne i elektroniczne produkty powinny być utylizowane niezależnie od odpadów miejskich, z wykorzystaniem przeznaczonych do tego miejsc składowania wskazanych przez rząd lub miejscowe władze.
3. Właściwy sposób utylizacjii starego urządzenia pomoże zapobiec potencjalnie negatywnemu wpływowi na zdrowie i środowisko.
4. Aby uzyskać więcej informacji o sposobach utylizacji starych urządzeń, należy skontaktować się z władzami lokalnymi, przedsiębiorstwem zajmującym się utylizacją odpadów lub sklepem, w którym produkt został kupiony.

## Estonian

Kasutuskõlbmatu seadme käitlemise kord

1. Kui seade on märgistatud selle elektri- ja elektroonikaseadmete lahuskogumist märgistava tahisega (ratastega prugikonteineri kujutis, millele on rist peale tõmmatud), tuleb toodet käidelda vastavalt Eurodirektivile 2002/96/EÜ.
2. Elektri- ja elektroonikaseadmeid ei tohi visata tavalise prügi hulka. Nad kuuluvad lahuskogumisele selleks määratud kogumispunktides.
3. Kasutuskõlbmatu tervikseadme käitlemine tavaprügist lahus on korraldatud selleks, et vältida negatiivseid tagajärgi, mida põhjustaksid seadme osade purunemisel vabaneda võivad ohtlikud jäätmed loodusele või inimorganismile.
4. Täpsemat informatsiooni selle kohta, kuhu ja millal saab ära anda oma kasutamiskõlbmatu elektri- ja elektroonikaseadme, küsige kohalikult omavalitsuselt, prügifirmalt või kaupluselt, kust seadme ostsite.

## Latvian

## Vecās elektroierīces nodošana

1. Ja uz produkta ir simbols ar pārsvītrotu atkritumu tvertni, tas nozīmē, ka produkts ir iekljauts Eiropas direktīvā 2002/96/EC
2. Visi elektriskie un elektroniskie produkti ir jāutilizē, nododot pašvaldības īpaši noteiktās pienemšanas vietās. Tos nedrīkst izmest parastās municipalitātes atkritumu urnās.
3. levērojot prasības veco elektroierīču utilizēsanā, jūs pasargāsiet apkārtējo vidi un cilvēku veselību no iespējami nelabvēlīgajām sekām, kādas varētu rasties, ierīcēm sadaloties nepiemērotā vietā.
4. Lai gūtu plašāku informāciju par veco ierīču utilizēsanas iespējām, sazinieties ar pilsētas pašvaldību, atkritumu savākšanas saimniecību vai veikalu, kurā ierīci iegādājāties.

## " Lithuanian

Senos ìrangos atlieku tvarkymas

1. Užbrauktas konteinerio simbolis pritvirtintas ant prekės reiškia, kad i̧rangą saugo Europos direktyva 20002/96/EC.
2. Visos elektros ir elektroninès irangos atliekos turi būti renkamos atskirai ir neišmetamos ị atliekụ konteinerỉ kartu su kitomis komunalinėmis atliekomis, taikant specialią atlieku surinkimo sistema, patvirtinta vyriausybès ar vietos valdžios.
3. Teisingas senos i̧rangos atlieku̧ tvarkymas, padès išvengti neigiamu̧ pasekmiu̧ aplinkai ir žmoniu̧ sveikatai.
4. Dėl išsamesnės informacijos apie senos jirangos tvarkymą, prašome kreiptis ị miesto valdžią, atliekư perdirbimo tarnybą arba parduotuvę, kurioje pirkote i̧rangą.

[^0]:    - The specifications shown above may be changed without prior notice for quality improvement.

