



LG

Life's Good

OWNER'S MANUAL

LED LCD TV / LCD TV PLASMA TV

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



WARNING / CAUTION



WARNING / CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and 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.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause (harmful) interference, and (2) this device must accept any interference received, including interference that may cause undesired operation (of the device).

Any changes or modifications in construction of this device which are 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.



- 5** Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.



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



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

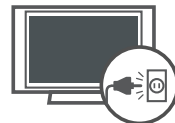


- 8** Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



S3125A

- 9** Unplug this apparatus during lightning storms or when unused for long periods of time.



- 10** Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.



SAFETY INSTRUCTIONS

11 Never touch this apparatus or antenna during a thunder or lightning storm.

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

13 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.

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 use a damaged or loose power cord. Do not pull on the power cord to unplug the TV. Grasp the plug when unplugging the power cord.



15 WARNING - To reduce the risk of fire or electrical shock, do not expose this product to rain, moisture or other liquids. Do not touch the TV with wet hands. Do not install this product near flammable objects such as gasoline or candles or expose the TV to direct air conditioning.



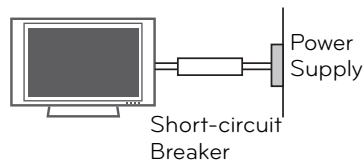
16 Do not expose to dripping or splashing and do not place objects filled with liquids, such as vases, cups, etc. on or over the apparatus (e.g. on shelves above the unit).



17 GROUNDING

Ensure that you connect the earth ground wire to prevent possible electric shock (i.e. a TV with a three-prong grounded AC plug must be connected to a three-prong grounded AC outlet). If grounding methods are not possible, have a qualified electrician install a separate circuit breaker.

Do not try to ground the unit by connecting it to telephone wires, lightning rods, or gas pipes.



18 DISCONNECTING DEVICE FROM MAINS

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

19 As long as this unit is connected to the AC wall outlet, it is not disconnected from AC power even if you turn off the power switch on the unit.

20 ANTENNAS

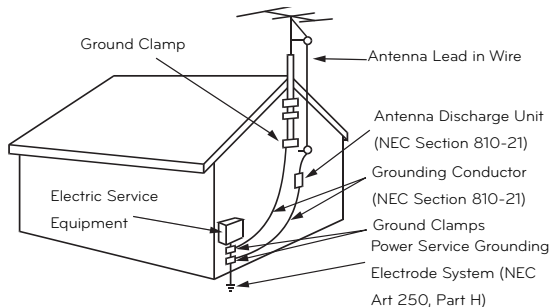
Outdoor antenna grounding

If an outdoor antenna is installed, follow the precautions below. An outdoor antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can come in contact with such power lines or circuits as death or serious injury can occur.

Be sure the antenna system is grounded so as to provide some protection against voltage surges and built-up static charges.

Section 810 of the National Electrical Code (NEC) in the U.S.A. provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes and requirements for the grounding electrode.

Antenna grounding according to the National Electrical Code, ANSI/NFPA 70



21 Cleaning

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

22 Moving

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

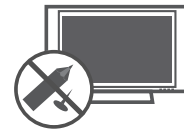
23 Ventilation

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

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

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

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



27 Keep the product away from direct sunlight.

28 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.

Contents

WARNING / CAUTION2

SAFETY INSTRUCTIONS.....3

Important Safety Instructions3

PREPARATION

Accessories.....7

Stand Instructions.....8

Desktop Pedestal Installation.....9

Swivel Stand.....9

EXTERNAL EQUIPMENT SETUP

Connecting Your TV.....10

WATCHING TV

Turning on the TV 11

Initial Setting 11

On-Screen Menus Selection..... 12

APPENDIX

Troubleshooting..... 13

Maintenance 15

Open Source Software Notice..... 16

Product Specification..... 18

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

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

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

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



NOTE

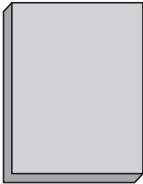
- ⇒ If the web page does not appear automatically, open the Owner's Manual file directly.
Open the "My computer" → Open the "LG" → Open the "index.htm" file.

PREPARATION

Accessories

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

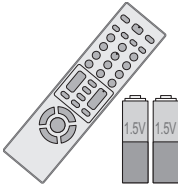
The accessories included may differ from the images below.



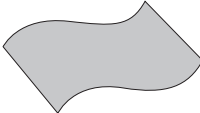
Owner's Manual



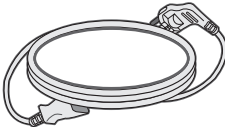
CD Manual



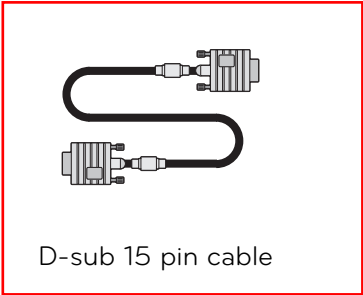
Remote Control, Batteries (AAA)



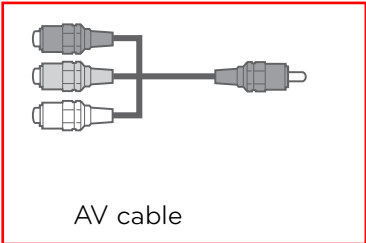
Polishing Cloth



Power cable



D-sub 15 pin cable



AV cable



Screw for stand fixing

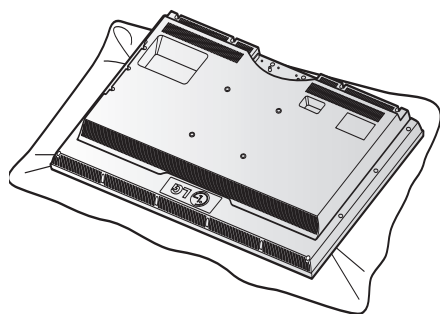


Stand Instructions

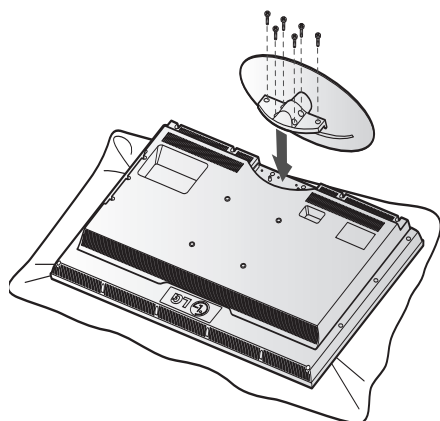
□ Image shown may differ from your TV.

INSTALLATION

- 1 Carefully place the TV screen side down on a cushioned surface to protect the screen from damage.

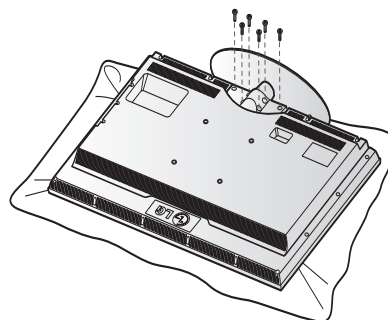


- 2 Assemble the TV and install the 6 screws into the holes as shown.

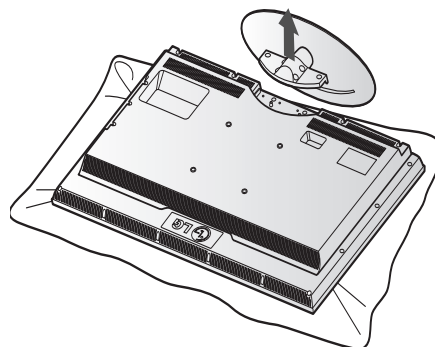


DETACHMENT

- 1 Carefully place the TV screen side down on a cushioned surface to protect the screen from damage.



- 2 Remove the screws and detach the stand from the TV.



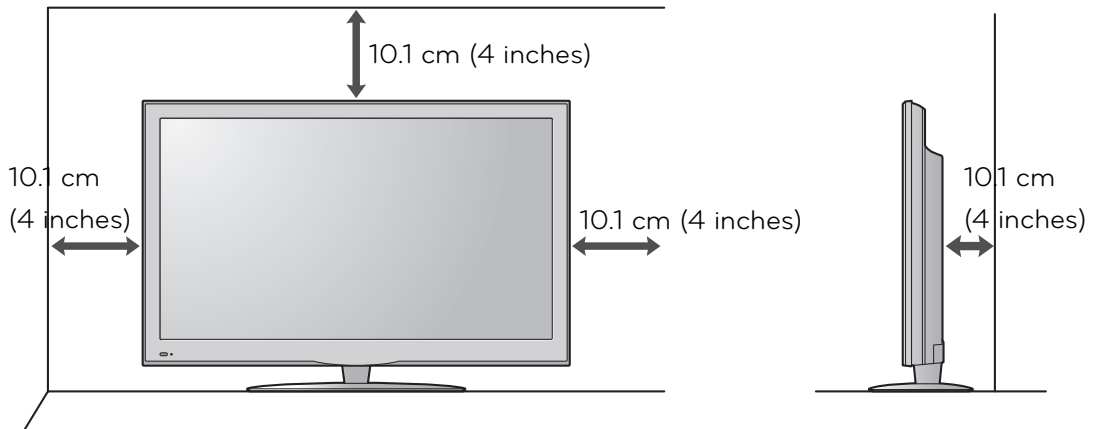
! NOTE

⇒ When assembling the desk type stand, make sure the screws are fully tightened (If not tightened fully, the TV can tilt forward after the product installation). Do not over tighten.

Desktop Pedestal Installation

❑ Image shown may differ from your TV.

For proper ventilation, allow a clearance of 10.1 cm (4 inches) on all four sides from the wall.

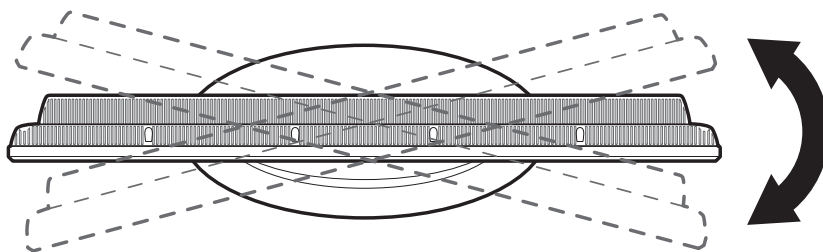


! CAUTION

- ⇒ Ensure adequate ventilation by following the clearance recommendations.
- ⇒ Do not mount near or above any type of heat source.

Swivel Stand

After installing the TV, you can adjust the TV set manually to the left or right direction by 20° to suit your viewing position.



EXTERNAL EQUIPMENT SETUP

Connecting Your TV

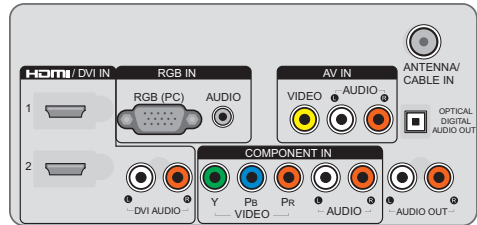
To connect an additional equipment, see the External Equipment Setup section in CD Manual.

Connection Order

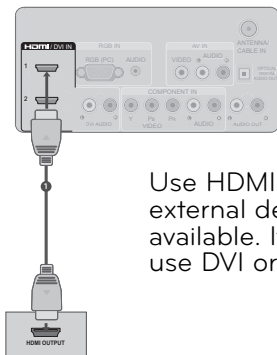
HDMI is the best way to connect a device. If it's not available, move down the list in order until you find a connection that's available on each device.

1 HDMI	3 Component
2 DVI	4 Composite

* Typical Layout



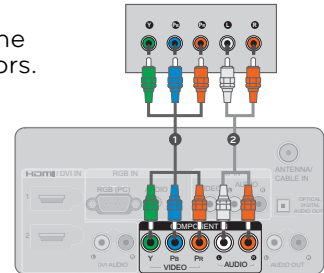
1 HDMI



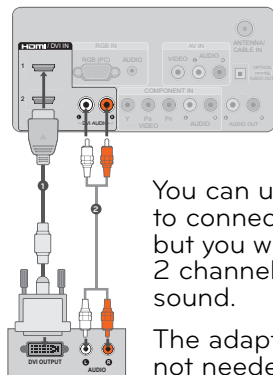
Use HDMI to connect external devices when available. If not available, use DVI or Component.

3 Component

Match the jack colors.



2 DVI



You can use an adapter to connect DVI to HDMI, but you will only have 2 channel stereo for sound.

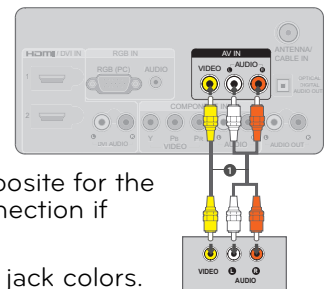
The adapter is not needed when connecting a PC.

A phone Jack to stereo 0.32 cm (1/8") headphone plug adapter is not included. It is available from most stores that carry electronics.

4 Composite

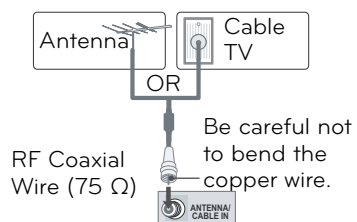
Use Composite for the video connection if available.

Match the jack colors.



Antenna/Cable

Use this connection when you need to connect directly to an antenna or cable system instead of using a cable box.



WATCHING TV

Turning on the TV

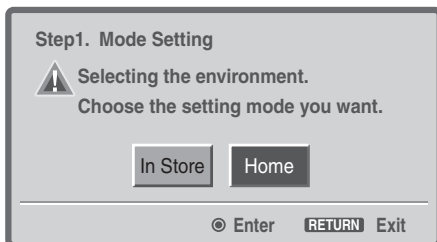
- 1 First, connect power cord correctly.
At this moment, the TV switches to standby mode.
⇒ In standby mode to turn TV on, press the **POWER** button.
- 2 Select the viewing source by using the **INPUT** button on the remote control.
- 3 When finished using the TV, press the **POWER** button. on the remote control. The TV reverts to standby mode.

Initial Setting

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

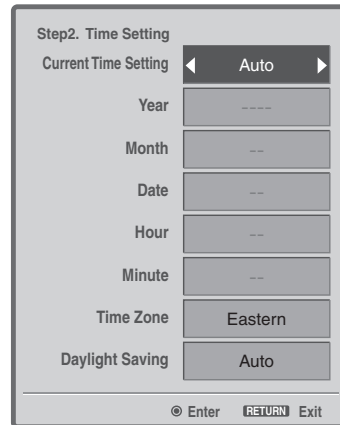
- Default selection is "Home". We recommend setting the TV to "Home" mode for the best picture in your home environment.
- "In Store" Mode is only intended for use in retail environments. Customers can adjust the "Picture menu - Picture mode" manually while inspecting the TV, but the TV will automatically return to preset in-store mode after 5 minutes.
- "In Store" Mode is an optimal setting for displaying at stores. "In Store" mode initializes the TV to set the image quality.

1. Mode Setting



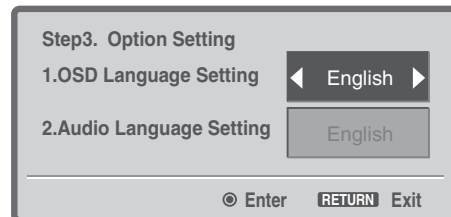
- 1 Select **Home**.

2. Time Setting



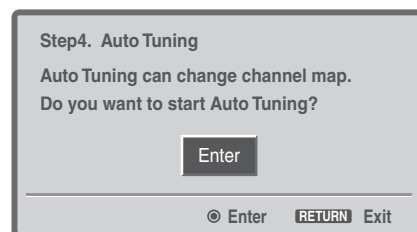
- 1 Select **Auto**.
- 2 Select **Time Zone** and **Daylight Saving** options.

3. Option Setting



- 1 Select **OSD Language Setting** and **Audio Language Setting** options.

4. Auto Tuning



- 1 Check your antenna connection and press the **ENTER** button to start **Auto Tuning**.

On-Screen Menus Selection

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

CHANNEL

- Auto Tuning:** All available TV channels are searched and stored automatically.
- Manual Tuning:** User can do manual channel selection and add or delete individual channels.
- Channel Edit:** You can add or delete in the channel list.

PICTURE

- Aspect Ratio:** Select the desired picture format.
- Energy Saving:** It reduces the TV's power consumption by lowering the backlight level.
- Picture Mode:** Select a picture mode that is best suited for the program you are currently watching.

AUDIO

- Balance:** Adjust the left/right sound of speaker.
- Sound Mode:** Select the sound mode to Standard, Music, Cinema, Sport, and Game.
- TV Speakers:** Turn the TV speakers off if using external audio equipment.
- Digital Audio Out:** Set the digital audio out setting.
- Analog Audio Out:** Set the analog audio out setting.

TIME

- Clock:** Set the current time Auto or Manual.
- Off Time:** Set the time the TV will automatically be turned off.
- On Time:** Set the time the TV will automatically be turned on.
- Sleep Timer:** Select the amount of time before your TV turns off automatically.
- Auto Sleep:** If sets "Auto Sleep" to "On", the TV will automatically turn off in case of:
 - ⇒ TV without signal: You do not press any remote control / TV buttons within 10 minutes.
 - ⇒ TV with signal: You do not press any remote control / TV buttons within 2 hours.

OPTION

- Language:** Set the on-screen menus and audio languages.
- Input Label:** Set the label for each input source.
- Key Lock:** This feature can be used to prevent unauthorized viewing by locking out the front panel controls.
- Caption:** Select and displays a caption. Captions are provided to help people with hearing loss watch TV.
- Initial Setting:** Reset the TV to factory default and erase all stored channels.

LOCK

- Lock System:** Select On or Off to use Lock System menu option.
- Set Password:** Change the password.
- Block Channel:** Block any channels that you do not want to watch or that you do not want your children to watch.
- Movie Rating:** Block movies according to the movie ratings limits specified, so children cannot view certain movies.
- TV Rating-Children:** Prevent children from watching certain children's TV programs, according to the ratings limit set.
- TV Rating-General:** Based on the ratings, blocks certain TV programs that you and your family do not want to view.
- Downloadable Rating:** This function is available only for digital channel signal.
- Input Block:** Enable you to select a source to block from the external source devices you have hooked up.

INPUT

- Select desired input sources.

USB

- PHOTO LIST:** View photos.
- MUSIC LIST:** Play songs.

APPENDIX

Troubleshooting

Abnormal Operation	
The remote control doesn't work	<ul style="list-style-type: none">⇒ Check to see if there is any object between the product and the remote control causing obstruction. Ensure you are pointing the remote control directly at the TV.⇒ Ensure that the batteries are installed with correct polarity (+ to +, - to -).⇒ Ensure that the correct remote operating mode is set: TV, VCR etc.⇒ Install new batteries.
TV turns off suddenly	<ul style="list-style-type: none">⇒ Is the sleep timer set?⇒ Check the power control settings. Power interrupted.⇒ If there is no signal, the TV turns off automatically in 10 minutes.

Video Problems	
No picture & No sound	<ul style="list-style-type: none">⇒ Check whether the product is turned on.⇒ Try another channel. The problem may be with the broadcast.⇒ Is the power cord inserted into wall power outlet?⇒ Check your antenna direction and/or location.⇒ Test the wall power outlet, plug another product's power cord into the outlet where the product's power cord was plugged in.
Picture appears slowly after switching on	<ul style="list-style-type: none">⇒ This is normal, the image is muted during the product startup process. Please contact your service center, if the picture has not appeared after five minutes.
No or poor color or poor picture	<ul style="list-style-type: none">⇒ Adjust Color in menu option.⇒ Keep a sufficient distance between the product and the VCR.⇒ Try another channel. The problem may be with the broadcast.⇒ Are the video cables installed properly?⇒ Activate any function to restore the brightness of the picture.
Horizontal/vertical bars or picture shaking	<ul style="list-style-type: none">⇒ Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	<ul style="list-style-type: none">⇒ 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.

Video Problems	
Lines or streaks in pictures	⇒ Check antenna (Change the direction of the antenna).
No picture when connecting HDMI	⇒ 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.

Audio Problems	
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. ⇒ Use normal MP3 file. *This feature is not available for all models.

PC Mode Problems	
The signal is out of range	⇒ Adjust Balance in menu option.
Screen color is unstable or single color	⇒ Check the signal cable. ⇒ Reinstall the PC video card.
When connecting the HDMI cable to the PC, there is no audio.	⇒ Check the manual for the video card in the PC to see if it supports HDMI audio and how to set it up properly.

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you can enjoy your new TV.

Caution: Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the Screen

- 1 Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then use it to wipe the screen.
- 2 Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the Cabinet

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

Extended Absence

CAUTION

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

Open Source Software Notice

The following GPL executables and LGPL, MPL libraries used in this product are subject to the GPL2.0/LGPL2.1/MPL1.1 License Agreements:

GPL EXECUTABLES:

Linux kernel 2.6, busybox, e2fsprogs, jfsutils, lzo, msdl-1.1, mtd-utils, ntpclient, procps, udhcpc

LGPL LIBRARIES:

Atk, cairo, directFB, ffmpeg, glib, GnuTLS, gtk+, iconv, libintl, libcrypto, libpgp-error, libsoup, libusb, pango, uClibc, webkit

MPL LIBRARIES:

Nanox, spidermonkey

LG Electronics offers to provide source code to you on CD-ROM for a charge covering the cost of performing such distribution, such as the cost of media, shipping and handling upon e-mail request to LG Electronics :
opensource@lge.com

This offer is valid for a period of three (3) years from the date of the distribution of this product by LG Electronics

You can obtain a copy of the GPL, LGPL, MPL licenses on the CD-ROM provided with this product.

Also you can obtain the translation of GPL, LGPL licenses from

<http://www.gnu.org/licenses/old-licenses/gpl-2.0-translations.html>,

<http://www.gnu.org/licenses/old-licenses/lgpl-2.1-translations.html>.

This product includes other open source software.

- ▷ boost C++: software developed by <http://www.boost.org> distributed under the Boost Software License, Version 1.0
- ▷ c-ares : copyright © 1998 by the Massachusetts Institute of Technology
- ▷ expat:
 - copyright © 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper
 - copyright © 2001-2007 Expat maintainers.
- ▷ fontconfig: copyright © 2001, 2003 Keith Packard
- ▷ freetype: copyright © 2003 The FreeType Project (www.freetype.org).
- ▷ ICU: copyright © 1995-2008 International Business Machines Corporation and others.
- ▷ libcurl: copyright © 1996 - 2008, Daniel Stenberg.
- ▷ libjpeg: This software is based in part on the work of the Independent JPEG Group copyright © 1991 - 1998, Thomas G. Lane.
- ▷ libmng: copyright © 2000-2007 Gerard Juyn, Glenn Randers-Pehrson
- ▷ libpng: copyright © 1998-2008 Glenn Randers-Pehrson
- ▷ libupnp: copyright © 2000-2003 Intel Corporation
- ▷ libxml2 : copyright © 1998-2003 Daniel Veillard

- ▷ libxslt: copyright © 2001-2002 Daniel Veillard
- ▷ lua interpreter: copyright © 1994–2008 Lua.org, PUC-Rio
- ▷ md5: copyright © 1991-2, RSA Data Security, Inc
- ▷ openssl:
 - cryptographic software written by Eric Young.
 - software written by Tim Hudson.
 - software developed by the OpenSSL Project for use in the OpenSSL Toolkit.
(<http://www.openssl.org>)
- ▷ pixman:
 - copyright © 1987, 1988, 1989, 1998 The Open Group
 - copyright © 1987, 1988, 1989 Digital Equipment Corporation
 - copyright © 1999, 2004, 2008 Keith Packard
 - copyright © 2000 SuSE, Inc.
 - copyright © 2000 Keith Packard, member of The XFree86 Project, Inc.
 - copyright © 2004, 2005, 2007, 2008 Red Hat, Inc.
 - copyright © 2004 Nicholas Miell
 - copyright © 2005 Lars Knoll & Zack Rusin, Trolltech
 - copyright © 2005 Trolltech AS
 - copyright © 2007 Luca Barbato
 - copyright © 2008 Aaron Plattner, NVIDIA Corporation
 - copyright © 2008 Rodrigo Kumpera
 - copyright © 2008 André Tupinambá
 - copyright © 2008 Mozilla Corporation
 - copyright © 2008 Frederic Plourde
- ▷ portmap: copyright © 1983,1991 The Regents of the University of California.
- ▷ tiff: copyright © 1987, 1993, 1994 The Regents of the University of California.
- ▷ tinyxml: copyright © 2000-2006 Lee Thomason
- ▷ xyssl:
 - Copyright © 2006-2008 Christophe Devine
 - Copyright © 2009 Paul Bakker
- ▷ zlib: copyright © 1995-2005 Jean-loup Gailly and Mark Adler

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

THE SOFTWARE IS PROVIDED "AS IS"; WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Product Specifications

Models		32LD400	42LD400	47LD500
Resolution		1920 x 1080		
Brightness (cd/m ²)		500		
Contrast Ratio		1400:1	1450:1	1450:1
Number of Colors		8 bit, 16.7M	8 bit, 16.7M	1.06B colors @ 10 bit Color Depth (D)
Actual Diagonal Viewable Size (in)		31.55	42.02	46.96
Viewing Angle (deg)		178 (horizontal/vertical)		
Display Compatibility		1080P (FHDTV)		
Voltage Range		100~240 Vac at 50/60 Hz		
Power-On Consumption		77W	115W	138W
Standby Power Consumption		< 1W		
Dimensions (Width x Height x Depth)	With stand	791 x 561 x 210mm (31.1" x 22.1" x 8.3")	1018.5 x 692.7 x 245.8mm (40.1" x 27.3" x 9.7")	1136.6 x 759.81 x 245.78mm (44.7" x 29.9" x 9.7")
	Without stand	791 x 506 x 82mm (31.1" x 19.9" x 3.2")	1018.5 x 632 x 93.6mm (40.1" x 24.9" x 3.7")	1136.6 x 698.83 x 88.1mm (44.7" x 27.5" x 3.5")
Weight	With stand	9.9 kg (21.83 lb)	15 kg (33 lb)	20.3 kg (44.7 lb)
	Without stand	9.36 kg (20.62 lb)	14.2 kg (31.3 lb)	18 kg (39.6 lb)
Operating Temperature		0 °C to 40 °C (32 °F to 104 °F)		
Operating Humidity		Less than 80 %		
Storage Temperature		-20 °C to 60 °C (-4 °F to 140 °F)		
Storage Humidity		Less than 85 %		

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



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 _____

The extended owner's manuals that contain information on the advanced features of this LG TV are located on the CD-ROM provided in an electronic version.

To read these files, you will need to use the personal computer (PC) equipped with a CD-ROM drive.

LG Customer Information Center

For inquiries or comments, visit www.lg.com or call;

1-800-243-0000 USA, Consumer

1-888-865-3026 USA, Commercial

1-888-542-2623 CANADA

Register your product Online!

www.lg.com

(For 42/47/55LE5400, 42/47/55LE5500, 42/47/55LE7500, 47/55LE8500, 42/47/55LX6500)



This product qualifies for ENERGY STAR in the "factory default (Home Use)" setting. Changing the factory default settings or enabling other features may increase power consumption that could exceed the limits necessary to qualify for ENERGY STAR.