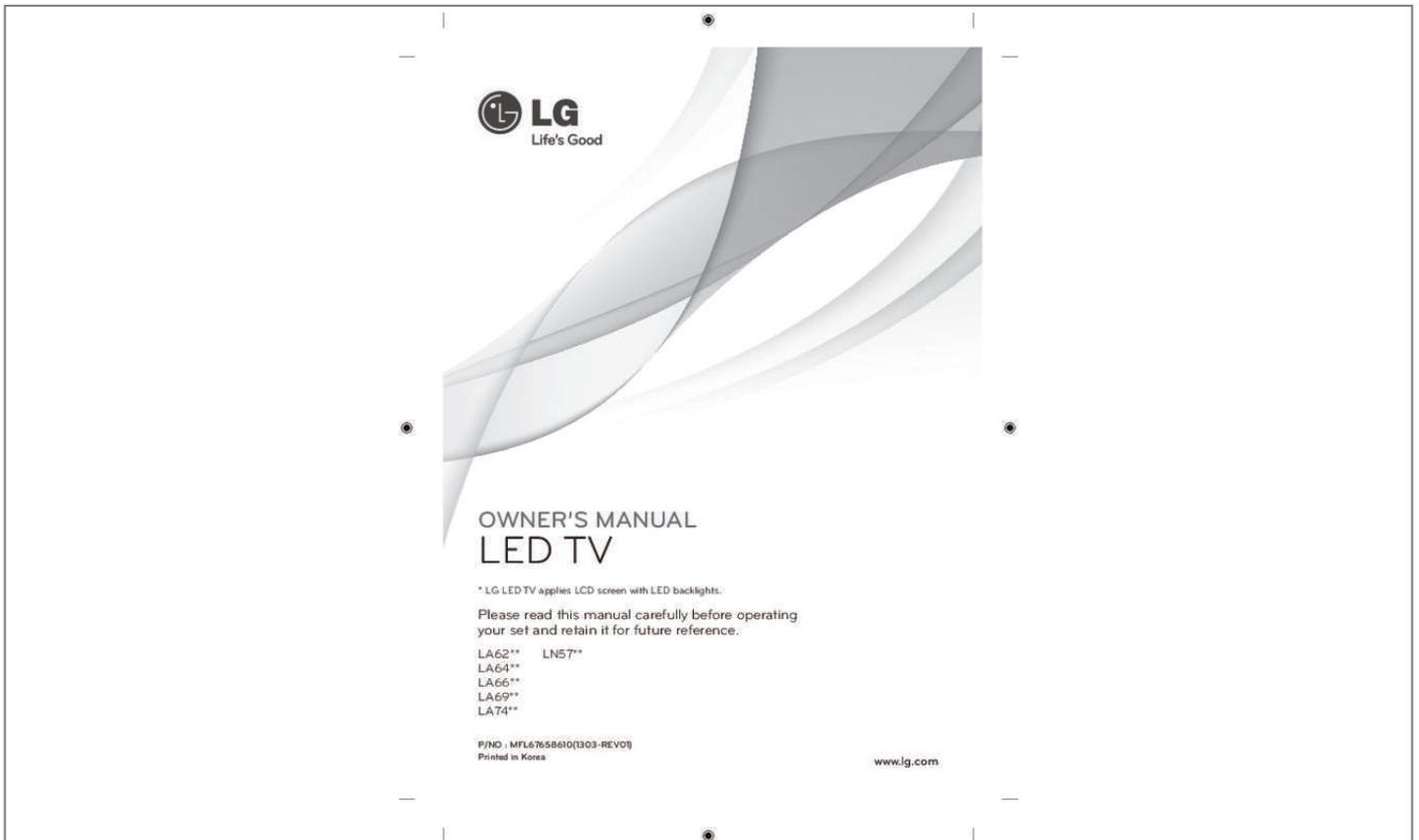




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You can read the recommendations in the user guide, the technical guide or the installation guide for LG 55LA690S. You'll find the answers to all your questions on the LG 55LA690S in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LG 55LA690S
User guide LG 55LA690S
Operating instructions LG 55LA690S
Instructions for use LG 55LA690S
Instruction manual LG 55LA690S



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Manual abstract:

) Do not use too much force and over tighten the screws; otherwise screw may be damaged and not tighten correctly. Stand Base 2 NOTE yy Removing the protective film (from the bottom) (Depending on model) Protective film is temporarily attached to prevent the surface of the product from being damaged during delivery. Once the TV has been installed, please remove the protective film on the bottom of the unit as shown in the figure. @@@@Fix the Cable Management firmly to the TV. (Only LN57**-ZA) 1 Gather and bind the cables with the Cable Holder. @@@@Com 2 TABLE OF CONTENTS TABLE OF CONTENTS 3 3 4 10 ENGLISH ENG Licenses OPEN SOURCE SOFTWARE NOTICE Safety Instructions - Viewing 3D Imaging (Only 3D models) 12 12 12 16 17 18 19 21 Installation Procedure ASSEMBLING AND PREPARING Unpacking Separate purchase Parts and buttons Lifting and moving the TV Mounting on a table Mounting on a wall 23 25 26 26 26 REMOTE CONTROL Magic Remote Control Functions Registering Magic Remote Control How to use Magic Remote Control Precautions to Take when Using the Magic Remote Control 27 28 28 28 28 Using the User guide MAINTENANCE Cleaning your TV - Screen, frame, cabinet and stand - Power cord WARNING yy If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death. 28 29 TROUBLESHOOTING EXTERNAL CONTROL DEVICE SETUP SPECIFICATIONS CAUTION yy If you ignore the caution message, you may be slightly injured or the product may be damaged. 29 NOTE yy The note helps you understand and use the product safely. Please read the note carefully before using the product. IICENSES / OPEN SOURCE SOFTWARE NOTICE 3 Licenses Supported licenses may differ by model. For more information about licenses, visit [www. ⓂDolby](http://www.dolby.com) and the double-D symbol are trademarks of Dolby Laboratories. ENGLISH ENG The terms HDMI and HDMI High-Definition Multimedia interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries. aBOUT DIVX VIDEO: DivX® is a digital video format created by DivX , LLC , a subsidiary of Rovi Corporation. This is an official DivX Certified® device that plays DivX video.

visit [divx. Com](http://divx.com) for more information and software tools to convert your files into DivX video. ABOUT DIVX VIDEO-ON-DEMAND: This DivX Certified® device must be registered in order to play purchased DivX Video-on-Demand (VOD) movies. To obtain your registration code, locate the DivX VOD section in your device setup menu. Com for more information on how to complete your registration.

“DivX Certified® to play DivX® video up to HD 1080p , including premium content. Ⓜ “DivX®, DivX Certified® and associated logos are trademarks of Rovi Corporation or its subsidiaries and are used under license. Ⓜ “Covered by one or more of the following U. DTS, the Symbol & DTS and the Symbol together are registered trademarks & DTS 2. OPEN SOURCE SOFTWARE NOTICE To obtain the source code under GPL, LGPL, MPL and other open source licenses, that is contained in this product, please visit <http://opensource>. In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download. LG Electronics will also provide open 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 email request to [opensource@lge. com](mailto:opensource@lge.com). This offer is valid for three (3) years from the date on which you purchased the product. 4 SAFETY INSTRUCTIONS SAFETY INSTRUCTIONS Please read these safety precautions carefully before using the product.

ENGLISH ENG WARNING y Do not place the TV and/or remote control in the following environments: - A location exposed to direct sunlight - An area with high humidity such as a bathroom - Near any heat source such as stoves and other devices that produce heat - Near kitchen counters or humidifiers where they can easily be exposed to steam or oil - An area exposed to rain or wind - Near containers of water such as vases Otherwise, this may result in fire, electric shock, malfunction or product deformation. Y Do not place the product where it might be exposed to dust. This plug must remain readily attached and operable when TV is in use. Y Do not touch the power plug with wet hands. Additionally, if the cord pin is wet or covered with dust, dry the power plug completely or wipe dust off. you may be electrocuted due to excess moisture. Y Make sure to connect Mains cable to compliant AC mains socket with Grounded earth pin. (Except for devices which are not grounded on earth.) Otherwise possibility you may be electrocuted or injured. Y Insert power cable plug completely into wall socket otherwise if not secured completely into socket, fire ignition may break out.

Y Ensure the power cord does not come into contact with hot objects such as a heater. this may cause a fire or an electric shock hazard. Y Do not place a heavy object, or the product itself, on power cables. Otherwise, this may result in fire or electric shock. Y Bend antenna cable between inside and outside building to prevent rain from flowing in.

This may cause water damaged inside the Product and could give an electric shock. Y When mounting TV onto wall make sure to neatly install and isolate cabling from rear of TV as to not create possibility of electric shock /fire hazard. SAFETY INSTRUCTIONS 5 y Do not plug too many electrical devices into a single multiple electrical outlet. Otherwise, this may result in fire due to over-heating. Y Do not drop the product or let it fall over when connecting external devices.

Otherwise, this may result in injury or damage to the product. Y Keep the anti-moisture packing material or vinyl packing out of the reach of children. anti-moisture material is harmful if swallowed. If swallowed by mistake, force the patient to vomit and visit the nearest hospital. additionally , vinyl packing can cause suffocation. Keep it out of the reach of children. Y Do not let your children climb or cling onto the TV. Otherwise, the TV may fall over, which may cause serious injury. Y Dispose of used batteries carefully to ensure that a small child does not consume them. Please seek Doctor- Medical Attention immediately if child consumes batteries.

Y Do not insert any metal objects/conductors (like a metal chopstick/cutlery/ screwdriver) between power cable plug and input Wall Socket while it is connected to the input terminal on the wall. Additionally, do not touch the power cable right after plugging into the wall input terminal. you may be electrocuted. (Depending on model) y Do not put or store inflammable substances near the product. There is a danger of combustion/explosion or fire due to careless handling of the inflammable substances. Y Do not drop metallic objects such as coins, hair pins, chopsticks or wire into the product, or inflammable objects such as paper and matches.



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If a foreign object is dropped into the product, unplug the power cord and contact the service centre. Do not spray water on the product or scrub with an inflammable substance (thinner or benzene). fire or electric shock accident can occur. Do not allow any impact, shock or any objects to fall into the unit, and do not drop anything onto the screen.

You may be injured or the product can be damaged. Never touch this product or antenna during a thunder or lightning storm. you may be electrocuted. Never touch the wall outlet when there is leakage of gas, open the windows and ventilate. It may cause a fire or a burn by a spark.

ENGLISH ENG Des icca nt 6 SAFETY INSTRUCTIONS Do not disassemble, repair or modify the product at your own discretion. fire or electric shock accident can occur. Contact the service centre for check, calibration or repair. If any of the following occur, unplug the product immediately and contact your local service centre. -The product has been impacted by shock -The product has been damaged -Foreign objects have entered the product -The product produced smoke or a strange smell This may result in fire or electric shock.

Unplug the TV from AC mains wall socket if you do not intend to use the TV for a long period of time. Accumulated dust can cause fire hazard and insulation deterioration can cause electric leakage/shock/fire. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus. ENGLISH ENG SAFETY INSTRUCTIONS 7 ENGLISH ENG CAUTION Install the product where no radio wave occurs. There should be enough distance between an outside antenna and power lines to keep the former from touching the latter even when the antenna falls. this may cause an electric shock. Do not install the product on places such as unstable shelves or inclined surfaces. Also avoid places where there is vibration or where the product cannot be fully supported. Otherwise, the product may fall or flip over, which may cause injury or damage to the product. If you install the TV on a stand, you need to take actions to prevent the product from overturning.

Otherwise, the product may fall over, which may cause injury. If you intend to mount the product to a wall, attach VESA standard mounting interface (optional parts) to the back of the product. When you install the set to use the wall mounting bracket (optional parts), fix it carefully so as not to drop. Only use the attachments / accessories specified by the manufacturer. When installing the antenna, consult with a qualified service technician. If not installed by a qualified technician, this may create a fire hazard or an electric shock hazard. We recommend that you maintain a distance of at least 2 to 7 times the diagonal screen size when watching TV. If you watch TV for a long period of time, this may cause blurred vision. Only use the specified type of battery. This could cause damage to the remote control.

Do not mix new batteries with old batteries. This may cause the batteries to overheat and leak. batteries should not be exposed to excessive heat. Eg keep away from direct Sunlight , open fireplace and electric heaters . do not place non-rechargeable batteries in charging device.

Make sure there are no objects between the remote control and its sensor. Signal from Remote Control can be interrupted due to external/internal lighting eg Sunlight, fluorescent lighting. If this occurs turn off lighting or darken viewing area. When connecting external devices such as video game consoles, make sure the connecting cables are long enough. Otherwise, the product may fall over, It is not related with the product performance, and it is not malfunction.

, broadcasting channel logo, on-screen menu, scene from a video game) for a prolonged time may cause damage to the screen, resulting in retention of the image, which is known as image sticking. The warranty does not cover the product for image sticking. Avoid displaying a fixed image on your television's screen for a prolonged period (2 or more hours for LCD, 1 or more hours for Plasma). Also, if you watch the TV at a ratio of 4:3 for a long time, image sticking may occur on the borders of the panel. This phenomenon also occurs in third-party products and is not subject to exchange or refund. Generated Sound "Cracking" noise: A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to temperature and humidity. This noise is common for products where thermal deformation is required. Electrical circuit humming/panel buzzing: A low level noise is generated from a high-speed switching circuit, which supplies a large amount of current to operate a product. it varies depending on the product. This generated sound does not affect the performance and reliability of the product.

10 SAFETY INSTRUCTIONS Viewing 3D Imaging (Only 3D models) ENGLISH ENG WARNING Viewing Environment Viewing Time -- When watching 3D contents, take 5 - 15 minute breaks every hour. Viewing 3D contents for a long per. Installation Procedure Open the package and make sure all the accessories are included. Attach the stand to the TV set. connect an external device to the TV set. Make sure the network connection is available. You can use the TV network functions only when the network connection is made. ASSEMBLING AND PREPARING Unpacking Check your product box for the following items. If there are any missing accessories, contact the local dealer where you purchased your product. The illustrations in this manual may differ from the actual product and item.

CAUTION Do not use any unapproved items to ensure the safety and product life span. Any damage or injuries caused by using unapproved items are not covered by the warranty. Some models have a thin film attached on to the screen and this must not be removed. NOTE The items supplied with your product may vary depending on the model. Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions.

For an optimal connection, HDMI cables and USB devices should have bezels less than 10 mm thick and 18 mm width. Use an extension cable that supports USB 2.0 if the USB cable or USB memory stick does not fit into your TV's USB port. 25) Owner's manual Cinema 3D Glasses The number of 3D glasses may differ depending on the model or country. A-5) LG Audio device (Depending on model) ASSEMBLING AND PREPARING 15 ENGLISH ENG NOTE Antenna Isolator Installation Guide -- Use this to install TV in a place where there is a voltage difference between TV Set and GND of antenna signal.

» If there is a voltage difference between TV Set and GND of antenna signal, the antenna contact might be heated and excessive heat might cause an accident. -- You can improve the safety when watching TV by efficiently removing power voltage from TV antenna.



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It is recommended to mount the isolator to the wall. If it cannot be mounted to the wall, mount it on the TV. Avoid disconnecting the antenna Isolator after installation. -- Before starting, be sure that the TV antenna is connected. Connect one end of the isolator to cable/antenna jack and the other to TV set or set-top box. □Equipment connected to the protective earthing of the building installation through the mains connection or through other equipment with a connection to protective earthing - and to a cable distribution system using coaxial cable, may in some circumstances create a fire hazard. Connection to a cable distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11) W □ hen applying the RF Isolator, a slight loss of signal sensitivity can occur. 16 ASSEMBLING AND PREPARING Separate purchase (Depending on model) Separate purchase items can be changed or modified for quality improvement without any notification.

Contact your dealer to buy these items. These devices only work with certain models. ENGLISH ENG 123 P AG-F***DP Dual play glasses AG-F*** Cinema 3D Glasses AN-MR400 Magic Remote AN-WF100 Wi-Fi Dongle AN-VC4** Video call camera LG Audio device Tag On Tag on LA62**, LA64**, LA66**, LA69**, LA74** •(Depending on model) •••(Depending on model) ••(Depending on model) ••••(Depending on model) ••••• Compatibility AG-F***DP Dual play glasses AG-F*** Cinema 3D Glasses AN-MR400 Magic Remote AN-WF100 Wi-Fi Dongle AN-VC4** Video call camera LG Audio device Tag On Tag On LN57** The model name or design may be changed depending on the upgrade of product functions, manufacturer's circumstances or policies. ASSEMBLING AND PREPARING 17 Parts and buttons A type : LA62**, LA64**, LA66**, LN57**-ZE/ZK Screen ENGLISH ENG B type : LA69**, 42/47/55LA74** Buttons Screen Buttons OK SETTINGS INPUT OK SETTINGS INPUT Speakers Speakers Remote control sensor LG Logo Light Remote control sensor LG Logo Light (Only LA64**, LA66**) Power Indicator (Only LA62**, LN57**-ZE/ZK) C type : 60LA74** Screen Buttons D type : LN57**-ZA Screen Buttons OK SETTINGS INPUT OK SETTINGS INPUT Button OK SETTINGS INPUT S USB IN Remote control sensor LG Logo Light 3 USB Apps Remote control sensor Power Indicator Description Scrolls H through the saved programmes. Accesses the main menu, or saves your input and exits the menus. @@@@Yy When transporting a large TV, there should be at least 2 people. @@@@Yy Hold the top and bottom of the TV frame firmly. @@@@Yy Image shown may differ from your TV. @@@@Yy 2. Fix the Desk-mount Cables to a table using the Desk-mount Screws.

3. Once the TV is fixed, move the table close to the wall. children may go in , causing injuries. @@@@Yy Tipping, shaking, or rocking the TV may cause injury. @@@@Yy Brackets , bolts and ropes are not provided.

You can obtain additional accessories from your local dealer. <Rear> <Front> Mounting on a wall Attach an optional wall mount bracket at the rear of the TV carefully and install the wall mount bracket on a solid wall perpendicular to the floor. When you attach the TV to other building materials, please contact qualified personnel. IG recommends that wall mounting be performed by a qualified professional installer. Securing the TV to a wall (This feature is not available for all models.

) 10 cm 10 cm 10 cm 10 cm 1 Insert and tighten the eye-bolts, or TV brackets and bolts on the back of the TV. -- If there are bolts inserted at the eye-bolts position, remove the bolts first. 2 Mount the wall brackets with the bolts to the wall. Match the location of the wall bracket and the eye-bolts on the rear of the TV. 3 Connect the eye-bolts and wall brackets tightly with a sturdy rope. Make sure to keep the rope horizontal with the flat surface. 22 ASSEMBLING AND PREPARING Make sure to use screws and wall mount bracket that meet the VESA standard. Standard dimensions for the wall mount kits are described in the following table. Separate purchase(Wall Mounting Bracket) Model 32LA62** 32LN57** 200 x 100 M4 4 LSW130B 39/42LA62** 32LA64** 32LA66** 39/42LN57** 200 x 200 M6 4 LSW230B ENGLISH ENG CAUTION yy Disconnect the power first, and then move or install the TV. Otherwise electric shock may occur.

Yy If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury. Use an authorised LG wall mount and contact the local dealer or qualified personnel. Yy Do not over tighten the screws as this may cause damage to the TV and void your warranty. Yy Use the screws and wall mounts that meet the VESA standard. Any damages or injuries by misuse or using an improper accessory are not covered by the warranty. VESA (A x B) Standard screw Number of screws Wall mount bracket 47/50/55/60LA62** 42/47/50/55/60LA64** 42/47/50/55LA66** 42/47/55LA69** 42/47/55/60LA74** 47/50/55/60LN57** VESA (A x B) 400 x 400 Standard screw M6 Number of screws 4 Wall mount LSW430B bracket Model NOTE yy Use the screws that are listed on the VESA standard screw specifications. Yy The wall mount kit includes an installation manual and necessary parts. Yy The wall mount bracket is not provided. You can obtain additional accessories from your local dealer. Yy The length of screws may differ depending on the wall mount.

Make sure to use the proper length. Yy For more information, refer to the manual supplied with the wall mount. Yy When attaching a third-party wall mounting bracket to the TV, insert the wall mount inner spacers into the TV wall mount holes to move your TV in vertical angle. Please make sure not to use the spacers for LG wall mounting bracket. (Only LA64**) A B Wall Mount Inner Spacer REMOTE CONTROL 23 REMOTE CONTROL The descriptions in this manual are based on the buttons on the remote control.

Please read this manual carefully and use the TV correctly. To replace batteries, open the battery cover, replace batteries (1.5 V AAA) matching the and ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse. Or @@@@ (Depending on model) PAGE Moves to the previous or next screen.

@@INFO Views the information of the current programme and screen. REC Start to record and display record menu. IIVE TV Return to LIVE TV. @@2 Colour buttons These access special functions in some menus. (Space) Opens an empty space on the screen keyboard. PAGE Moves to the previous or next screen. INFO Views the information of the current programme and screen. 1 Colour buttons These access special functions in some menus. @@@@REC Start to record and display record menu. @@To replace batteries, open the battery cover, replace batteries (1.

@@@@To remove the batteries, perform the installation actions in reverse. @@@@The recognition rate may vary depending on the user's characteristics (voice, pronunciation, intonation and speed) and the environment (noise and TV volume).



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Speak when the voice display window appears on the left of the TV screen. The voice recognition may fail when you speak too fast or too slow. Use the Magic remote control no further than 10 cm from your face. 26 Magic Remote Control Functions Registering Magic Remote Control It is necessary to 'pair' (register) the magic remote control to your TV before it will work. BACK HOME How to register the Magic Remote Control ENGLISH ENG 11-1 P MY APPS 1 To register automatically, turn the TV on and press the Wheel(OK) button. When registration is completed, the completion message appears on the screen. 2 If registration fails, turn the TV off and back on, then press the Wheel(OK) button to complete registration. More 1 If you press Wheel(OK) on the Magic Remote Control, the following screen appears.

Shows information about the current programme and screen. How to re-register the Magic Remote Control BACK SMART 1 Press and hold the BACK and SMART buttons together for 5 seconds to reset, then register it by following "How to register the Magic Remote Control" above. 2 To re-register the Magic Remote Control, press and hold the BACK button for 5 seconds toward the TV. When registration is completed, the completion message appears on the screen. 2 You can select More Menu.

Precautions to Take when Using the Magic Remote Control Use the Magic Remote Control within the maximum communication distance (10 m). Using the Magic Remote Control beyond this distance, or with an object obstructing it, may cause a communication failure. A communication failure may occur due to nearby devices. Electrical devices such as a microwave oven or wireless LAN product may cause interference, as these use the same bandwidth (2.4 GHz) as the Magic Remote Control.

The Magic Remote Control may be damaged or may malfunction if it is dropped or receives a heavy impact. Take care not to bump into nearby furniture or other people when using the Magic Remote Control. Manufacturer and installer cannot provide service related to human safety as the applicable wireless device has possibility of electric wave interference. It is recommended that an Access Point (AP) be located more than 1 m away from the TV. If the AP is installed closer than 1 m, the Magic Remote Control may not perform as expected due to frequency interference. How to use Magic Remote Control 1 If the pointer disappears, move the Magic Remote Control slightly to left or right. Then, it will automatically appear on the screen. » the pointer has not been If used for a certain period of time, it will disappear. 2 You can move the pointer by aiming the Pointer Receiver of the Magic Remote Control at your TV then move it left, right, up or down. » the pointer does not work If properly, leave the Magic Remote Control for 10 seconds then use it again.

USING THE USER GUIDE 27 Using the User guide User Guide allows you to more easily access the detailed TV information. Button to access the 1 Press the SMART Smart Home menu. Menu Language Selects a language for the display text. [In Digital Mode Only] Audio Language When watching a digital broadcast containing several audio languages, you can select the language you want. [In Digital mode Only] Use the Subtitle function when two or more subtitle languages are broadcast. Language If subtitle data in a selected language is not broadcast, the default language subtitle will be displayed. 1 more Try Now Close 2 More User Guide Index Online User Guide User Guide NOTE You can also access the User Guide by pressing (User Guide) in the remote control. (Only LA62**, LA64**) 1 2 Shows the description of the selected menu. You can use /to move between pages. Moves to the selected menu directly from the User Guide.

User Guide 1 PROGRAMME Setting PICTURE, SOUND Setting OPTION LG SMART Function Advanced Function Information 3 To use input device To set time options To set TV lock options To set language To set country Disabled Assistance 2 To set Magic remote control Index 4 Online User Guide 5 1 2 3 4 5 Shows the current watching programme or input source screen. Allows to select the category you want. Allows to select the item you want. You can use /to move between pages. Allows to browse the description of the function you want from the index.

Provides the detailed information on the functions of LG Smart TV when the Internet is connected. (It may not be available depending on the country/language.) 28 MAINTENANCE / TROUBLESHOOTING MAINTENANCE Cleaning your TV Clean your TV regularly to keep the best performance and to extend the product lifespan. ENGLISH ENGLISH ENG ENG CAUTION Make sure to turn the power off and disconnect the power cord and all other cables first. When the TV is left unattended and unused for a long time, disconnect the power cord from the wall outlet to prevent possible damage from lightning or power surges.

Screen, frame, cabinet and stand To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth. To remove major dirt, wipe the surface with a soft cloth dampened in clean water or a diluted mild detergent. Then wipe immediately with a dry cloth. CAUTION Avoid touching the screen at all times, as this may result in damage to the screen. Do not push, rub, or hit the screen surface with your fingernail or a sharp object, as this may result in scratches and image distortions. Do not use any chemicals as this may damage the product. Do not spray liquid onto the surface. If water enters the TV, it may result in fire, electric shock, or malfunction. Power cord Remove the accumulated dust or dirt on the power cord regularly. TROUBLESHOOTING Problem Cannot control the TV with the remote control.

no image display and no sound is produced. The TV turns off suddenly. When connecting to the PC (HDMI DVI), 'No signal' or 'Invalid Format' is displayed. Solution Check the remote control sensor on the product and try again. Check if there is any obstacle between the product and the remote control. to , to). Check if the batteries are still working and properly installed (Check if the product is turned on. Check if the power cord is connected to a wall outlet. Check if there is a problem in the wall outlet by connecting other products. Check the power control settings.

The power supply may be interrupted. Check if the Auto sleep feature is activated in the Time settings. If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity. Turn the TV off/on using the remote control. Reconnect the HDMI cable.

Restart the PC with the TV on. EXTERNAL CONTROL DEVICE SETUP / SPECIFICATIONS 29 EXTERNAL CONTROL DEVICE SETUP To obtain the external control device setup information, please visit www. 5 MHz 10 dBm or lower Because band channel used by the country could be different, the user can not change or adjust the operating frequency and this product is set for the regional frequency table.



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5 dBm Because band channel used by the country could be different, the user can not change or adjust the yy operating frequency and this product is set for the regional frequency table. Yy Audio supportato: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC Antenna connection ANTENNA/ CABLE IN English Connect the TV to a wall antenna socket with an RF cable (75 Ω).

nOTE yy Use a signal splitter to use more than 2 TVs. Yy If the image quality is poor, install a signal amplifier properly to improve the image quality. Yy If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction. yy An antenna cable and converter are not supplied.

Yy Supported DTV Audio: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC B-2 MAKING CONNECTIONS Satellite dish connection (Only satellite models) HDMI connection 3 (MHL) 1 (ARC) 2 13/18 V 700 mA Max LNB Satellite IN DVD/ Blu-Ray / HD Cable Box / HD STB / PC English Connect the TV to a satellite dish to a satellite socket with a satellite RF cable (75 Ω). italiano Collegare la TV a un'antenna satellitare e a una presa satellitare con un cavo RF satellitare (75 Ω). (*Not Provided) HDMI English Transmits the digital video and audio signals from an external device to the TV. Connect the external device and the TV with the HDMI cable as shown. choose any HDMI input port to connect. It does not matter which port you use.

NOTE yy It is recommended to use the TV with the HDMI connection for the best image quality. Yy Use the latest High Speed HDMI™ Cable with CEC (Customer Electronics Control) function. Yy High Speed HDMI™ Cables are tested to carry an HD signal up to 1080p and higher. ARC (Audio Return Channel) English An yy external audio device that supports SIMPLINK and ARC must be connected using HDMI/DVI IN 1 (ARC) port. When connected with a high-speed HDMI yy cable, the external audio device that supports ARC outputs optical SPDIF without additional optical audio cable and supports the SIMPLINK function. (*Not Provided) 1 (ARC) DVI OUT AUDIO OUT DVD/ Blu-Ray / HD Cable Box / PC English Transmits the digital video signal from an external device to the TV. Connect the external device and the TV with the DVI-HDMI cable as shown. It does not matter which port you use. NOTE yy Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use. Yy When using the HDMI/DVI cable, only Single link is supported.

COMPONENT IN L L/MON L/MONO AV 2 IN GREEN WHITE BLUE (*Not Provided) AUDIO DVD / Blu-Ray / HD Cable Box RED RED VIDEO English Transmits analog video and audio signals from an external device to the TV. Connect the external device and the TV with a component cable as shown. NOTE yy If cables are not installed correctly, it could cause this image to display in black and white or with distorted colours. B-6 MAKING CONNECTIONS Composite connection MHL connection 3 (MHL) L L/MONO AV 2 IN MHL passive cable (*Not Provided) (*Not Provided) YELLOW Mobile phone L R AUDIO L (MONO) VIDEO English Mobile High-definition Link (MHL) is an interface for transmitting digital audiovisual signals from mobile phones to television sets. DVD/ Blu-Ray / HD Cable Box / VCR NOTE Connect the mobile phone to the HDMI/DVI yy IN 3 (MHL) port to view the phone screen on the TV.

The MHL passive cable is needed to connect yy the TV and a mobile phone. This only works for the MHL-enabled phone. Yy Some applications can be operated by the yy remote control. For yy some mobile phones supporting MHL, you can control with the magic remote control. Remove the MHL passive cable from the TV yy when: -- MHL function is disabled the -your mobile device is fully charged in standby mode English Transmits analog video and audio signals from an external device o the TV.

Connect the external device and the TV with the composite cable as shown. Rimuovere il cavo passivo MHL dal TV quando: yy -- funzione MHL è disattivata La -- dispositivo mobile è completamente carico Il in modalità standby (*Not Provided) OPTICAL AUDIO IN Digital Audio System / Sound Bar(Only 42/47LA669*) English You may use an optional external audio system instead of the built-in speaker. digital optical audio connection Transmits a digital audio signal from the TV to an external device. Connect the external device and the TV with the optical audio cable as shown. NOTE yy Do not look into the optical output port. Looking at the laser beam may damage your vision. @@@@ nOTE yy Some USB Hubs may not work. @@Yy Connect the external power source if your USB is needed. This feature is not available in all countries. @@If the module is not inserted properly, this can cause damage to the TV and the PCMCIA card slot.

Yy If the TV does not display any video and audio when CI+ CAM is connected, please contact to the Terrestrial/Cable/Satellite Service Operator. NOTA H/P OUT (*Not Provided) English Transmits the headphone signal from the TV to an external device. Connect the external device and the TV with the headphone as shown. Impedenza cuffie: 16 Ω yy Uscita audio max delle cuffie: da 9 mW a 15 yy mW Dimensioni jack per cuffia: 0,35 cm yy NOTE AUDIO menu items are disabled when yy connecting a headphone. @@@@@Yy When watching digital TV in 3D imaging mode, only 2D out signals can be output through the SCART cable. (Only 3D models) B-12 MAKING CONNECTIONS English Connect various external devices to the TV and switch input modes to select an external device. For more information of external device's connection, refer to the manual provided with each device. NOTE yy The external device connection may differ from the model. Yy Connect external devices to the TV regardless of the order of the TV port. Yy If you record a TV program on a DVD recorder or VCR, make sure to connect the TV signal input cable to the TV through a DVD recorder or VCR.

For more information of recording, refer to the manual provided with the connected device. Yy Refer to the external equipment's manual for operating instructions. Yy If you connect a gaming device to the TV, use the cable supplied with the gaming device. Yy 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.

Yy In PC mode, some resolution settings may not work properly depending on the graphics card. SPECIFICATIONS B-13 SPECIFICATIONS Product specifications may be changed without prior notice due to upgrade of product functions. For the power supply and power consumption, refer to the label attached to the product. 0 mm 0 °C to 40 °C Less than 80 % -20 °C to 60 °C Less than 85 % Digital TV Analogue TV PAL/SECAM B/G/I/D/K SECAM L/L' VHF: E2 to E12, UHF : E21 to E69, CATV: S1 to S20, HYPER: S21 to S47 Power requirement Power consumption CI Module Size (W x H x D) Operating Temperature Environment condition Operating Humidity Storage Temperature Storage Humidity Television system DVB-T(*DVB-T/T2) DVB-C DVB-S/S2 VHF, UHF C-Band, Ku-Band DVB-S/S2 : 6,000 DVB-T/T2/C & Analogue TV : 1,500 Programme coverage Maximum number of storable programmes External antenna impedance 75 Ω * : Only DVB-T2 support models B-20 SPECIFICATIONS HDMI/DVI-DTV supported mode Resolution 640X480 720X480 720X576 1280X720 Horizontal Frequency (kHz) 31.



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00 1920X1080 Except for 32LN57*U/ 32LN57*R/ 32LN57*7 Component port connecting information Component ports on the TV Y Y Video output ports on DVD player Y Y Y PB PB B-Y Cb Pb PR PR R-Y Cr Pr Signal 480i/576i 480p/576p 720p/1080i 1080p Component O O O O (50 Hz / 60 Hz only)
SPECIFICATIONS B-21 3D supported mode Video, which is input as below media contents is switched into the 3D screen automatically.
Yy The yy method for 3D digital broadcast may differ depending on the signal environment. If video is not switched automatically into 3D, manually convert the settings to view 3D images. If you have any inquiries or comments, please contact LG customer information centre. Customer Information Centre Country Service 0 810 144 131 015 200 255 0032 15 200 255 07001 54 54 810 555 810 Country Service 0900 543 5454 800 187 40 801 54 54 54 808 78 54 54 031 228 3542 0850 111 154 902 500 234 Record the model number and serial number of the TV. Refer to the label on the back cover and quote this information to your dealer when requiring any service. .



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