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You can read the recommendations in the user guide, the technical guide or the installation guide for LG 55UC970V. You'll find the answers to all your questions on the LG 55UC970V in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LG 55UC970V
User guide LG 55UC970V
Operating instructions LG 55UC970V
Instructions for use LG 55UC970V
Instruction manual LG 55UC970V



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Manual abstract:

M4 x L20 4EA 3 NOTE Be sure to check the Stand Body (L), (R), when installing on the stand base. M4 x L20 4EA A-4 SETTING UP THE TV UB85**-ZD, UB95**-ZB 3 Stand Body (L) 1 Stand Body (R) Stand Base 1 2 2 1 Attach the stand to the TV using the upper mounting hole on the back of the TV. 2 Attach the stand to the TV using the lower connection on the back of the TV. 4 4EA M4 x L10 NOTE Be sure to check the Stand Body (L), (R), when installing on the stand base. M4 x L20 4EA SETTING UP THE TV A-5 65/79/84UB98** 3 (Only 65/79UB98**) 1 1 2 Wrench Stand Base 4EA 2 M6 x L47 (Only 65UB98**) 1 (Only 84UB98**) M6 x L52 (Only 79UB98**) 1 2 Wrench 4EA M6 x L52 1 4EA (Insulation Holder) A-6 SETTING UP THE TV CAUTION Make sure that the screws are inserted correctly and fastened securely. (If they are not fastened securely enough, the TV may tilt forward after being installed.) 98UB98** 1 Wrench 1 2 1 2 Mold M6 x L47 6EA NOTE The stand screws are already attached at the back of the TV. Please use these attached screw to assemble the TV and stand. (Only 98UB98**) SETTING UP THE TV A-7 2 UC97** 1 Stand Body (L) Stand Body (R) Stand Base Stand Base M4 x L10 4EA 3 Wrench 2 2 3 1 1 When assembling the stand, lay the front screen protective package included in the product box on a table or flat surface and then place the TV screen face down on the protective package. 2 Attach the stand to the TV using the upper mounting hole on the back of the TV.

3 Attach the stand to the TV using the lower connection on the back of the TV. A-8 SETTING UP THE TV 3 Tidying cables Image shown may differ from your TV. 1 Gather and bind the cables with the Cable Holder and the Cable Management. 2 Fix the Cable Management firmly to the TV. (Only UB85**-ZA, UB93**, UB95**-ZA) M4 x L20 4EA Cable Holder CAUTION When attaching the stand to the TV set, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches.

(Only UB85**, UB93**, UB95**, UB98**) Make sure that the screws are inserted correctly and fastened securely. (If they are not fastened securely enough, the TV may tilt forward after being installed.) Do not use too much force and over tighten the screws; otherwise screw may be damaged and not tighten correctly. Cable management (Only UB85**-ZD, UB95**-ZB) NOTE Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse. Remove the protective film from the stand base and then attach the stand body to the stand base.

(Only UC97**) Cable Holder Cable management SETTING UP THE TV A-9 (Only UC97**) 1 Gather and bind the cables with the Cable Holder. (Only 65/79/84UB98**) Cable Holder Cable Holder Cable management (Only 98UB98**) CAUTION Do not move the TV by holding the cable holders, as the cable holders may break, and injuries and damage to the TV may occur. Cable management Cable Holder Cable management A-10 SETTING UP THE TV / MAKING CONNECTIONS Assembling the AV cover (Only 98UB98**) 1 Insert the cover holder attached to the AV port cover into the hole of the main body of the product as illustrated. 2 Attach the port cover onto the AV port part. (The cover remains attached through the use of a magnet.) MAKING CONNECTIONS This section on MAKING CONNECTIONS mainly uses diagrams for the UB85** models. Antenna Connection 1 AV Port Cover IN (*Not Provided) ANTENNA / CABLE Wall Antenna Socket Cover Holder English Connect the TV to a wall antenna socket with an RF 2 NOTE Use a signal splitter to use more than 2 TVs. If the image quality is poor, install a signal amplifier properly to improve the image quality. If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction. an antenna cable and converter are not supplied.

Supported DTV Audio: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC CAUTION If you do not attach the cover holder, the cover may fall off and cause injury. 2) 2 (ARC) DVD / Blu-Ray / HD Cable Box / HD STB / PC (4K@60Hz) / DVI IN 3 (10Bit) A-14 MAKING CONNECTIONS 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. NOTE It is recommended to use the TV with the HDMI connection for the best image quality. Use the latest High Speed HDMI™ Cable with CEC (Customer Electronics Control) function. High Speed HDMI™ Cables are tested to carry an HD signal up to 1080p and higher. 1KHz, 48KHz, 96KHz, 192KHz) When you use HDMI port 3, it is recommended that you use the cable provided. If you want to use a regular HDMI cable, use one that is a highspeed HDMI cable (3m or less). (Depending on model) 1) HDMI specifications may be different for each input port, so make sure to check the device specifications before connecting. 2) The HDMI IN 3 port is especially suitable for the specifications to enjoy UHD Video (4:4:4, 4:2:2) of 4K @ 50/60 Hz.

However, video or audio may not be supported depending on the specifications of the external equipment. In that case, use any other HDMI IN port. 3) Contact customer service for more information on the HDMI specifications of each input port. 1KHz, 48KHz, 96KHz, 192KHz) Cuando use un cable HDMI (puerto HDMI IN 3), se recomienda que use el cable proporcionado. (Hz) 8 bit YCbCr 4:2:0 10 bit 12 bit Resolutive YCbCr 4:2:0 1 YCbCr 4:2:2 1 YCbCr 4:4:4 1 RGB 4:4:4 1 - YCbCr 4:2:0 1 1 YCbCr 4:2:2 YCbCr 4:4:4 1 RGB 4:4:4 1 - - HDMI IN 3 1: Alleen ondersteund met HDMI IN 3-poort A-18 MAKING CONNECTIONS ARC (Audio Return Channel) English An external audio device that supports SIMPLINK and ARC must be connected using HDMI(4K @ 60 Hz)/DVI IN 2 (ARC) port.

When connected with a high-speed HDMI cable, the external audio device that supports ARC outputs optical SPDIF without additional optical audio cable and supports the SIMPLINK function. DVD / Blu-Ray / HD Cable Box / PC / HD STB A-20 MAKING CONNECTIONS 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. NOTE Depending on the graphics card, DOS mode may not work if a HDMI to DVI Cable is in use. When using the DVI/HDMI cable, single link is supported.

DVD / Blu-Ray / HD Cable Box AUDIO VIDEO A-22 MAKING CONNECTIONS English Transmits analogue video and audio signals from an external device to the TV. Connect the external device and the TV with a component cable(or component gender cable) as shown. NOTE If cables are not installed correctly, it could cause this image to display in black and white or with distorted colours.) YELLOW VIDEO WHITE RED YELLOW YELLOW L (MONO) AUDIO R WHITE WHITE (*Not Provided) RED RED VCR / DVD / Blu-Ray / HD Cable Box English Transmits analog video and audio signals from an external device to the TV. Connect the external device and the TV with the composite cable(or composite gender cable) as shown.



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English transmitting digital audiovisual signals from mobile phones to television sets. NOTE Connect the mobile phone to the HDMI(4K @ 60 Hz)/DVI IN 4(MHL) port to view the phone screen on the TV. The MHL passive cable is needed to connect the TV and a mobile phone. This only works for the MHL-enabled phone. Some applications can be operated by the remote control.

For some mobile phones supporting MHL, you can control with the magic remote control. Remove the MHL passive cable from the TV when: » the MHL function is disabled » your mobile device is fully charged in standby mode televizor s kompozitnim kablom (ali pretvorniškimi komponentnim kablom), kot je prikazano. English You may use an 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 Do not look into the optical output port. Looking at the laser beam may damage your vision. Audio with ACP (Audio Copy Protection) function may block digital audio output. SPEAKER / H/P (*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.

sliki. OPOMBA NOTE AUDIO menu items are disabled when connecting a headphone. OPTICAL DIGITAL AUDIO OUT is not available when connecting a headphone. HUB (*Not Provided) USB (*Not Provided) English memory, external hard drive or a USB memory card reader to the TV and access the Smart Share menu to NOTE Some USB Hubs may not work. If a USB device connected using a USB Hub is not detected, connect it to the USB IN port on the TV directly.

Connect the external power source if your USB is needed. connecting via USB 3. 0 : Some USB device may not work if it does not meet USB 3. This feature is not available in all countries. NOTE Check if the CI module is inserted into the PCMCIA card slot in the right direction.

If the module is not inserted properly, this can cause damage to the TV and the PCMCIA card slot. If the TV does not display any video and audio when CI+ CAM is connected, please contact to the Antenna/Cable/Satellite Service Operator. A-36 MAKING CONNECTIONS Euro Scart Connection English Transmits the video and audio signals from an external device to the TV set. Connect the external device and the TV set with the euro scart cable (or Scart gender cable) as shown. output Type Current input mode Digital TV AV1 (TV Out1) Digital TV IN / OUT (RGB) Analogue TV , AV (RGB) AV1 AV1 Component HDMI Analogue TV 1 TV Out : Outputs Analogue TV or Digital TV signals. NOTE (Use the Scart gender cable provided - Depending on model) Any Euro scart cable used must be signal shielded. When watching digital TV in 3D imaging mode, only 2D out signals can be output through the SCART cable. For more information on external device's connection, refer to the manual provided with each device. Available external devices are : HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices. NOTE The external device connection may differ from the model.

Connect external devices to the TV regardless of the order of the TV port. 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. Refer to the external equipment's manual for operating instructions. If you connect a gaming device to the TV, use the cable supplied with the gaming device.

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. In PC mode, some resolution settings may not work properly depending on the graphics card. If Ultra HD content is played via PC, the video or audio may have disruptions intermittently depending on your PC's performance. @@ click! @@Com 2 TABLE OF CONTENTS TABLE OF CONTENTS 3 3 LICENSES OPEN SOURCE SOFTWARE NOTICE EXTERNAL CONTROL DEVICE SETUP SAFETY INSTRUCTIONS - Viewing 3D Imaging (Only 3D models) ENGLISH ENG 29 30 30

31 MAGIC REMOTE FUNCTIONS Registering Magic Remote 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. Do not let your children climb or cling onto the TV.

Otherwise, the TV may fall over, which may cause serious injury. 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. 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) 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. Do not drop metallic objects such as coins, hair pins, chopsticks or wire into the product, or inflammable objects such as paper and matches. If a foreign object is dropped into the product, unplug the power cord and contact the service centre. 6 SAFETY INSTRUCTIONS Do not spray water on the product or scrub with an inflammable substance (thinner or benzene). fire or electric shock accident can occur. ENGLISH ENG 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.

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.



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Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus. Do not install this product on a wall if it could be exposed to oil or oil mist. This may damage the product and cause it to fall. 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. For example, keep away from direct sunlight, open fireplace and electric heaters . do not place non-rechargeable batteries in charging device. 8 SAFETY INSTRUCTIONS

Make sure there are no objects between the remote control and its sensor. ENGLISH ENG 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, which may cause injury or damage the product.

Do not turn the product On/Off by plugging-in or unplugging the power plug to the wall outlet. (Do not use the power plug for switch.) It may cause mechanical failure or could give an electric shock. Please follow the installation instructions below to prevent the product from overheating. - The distance between the product and the wall should be more than 10 cm.

- Do not install the product in a place with no ventilation (e. - Do not install the product on a carpet or cushion. - Make sure the air vent is not blocked by a tablecloth or curtain. Otherwise, this may result in fire. Take care not to touch the ventilation openings when watching the TV for long periods as the ventilation openings may become hot.

This does not affect the operation or performance of the product. 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 press strongly upon the panel with a hand or sharp object such as nail, pencil or pen, or make a scratch on it, as it may cause damage to screen. SAFETY INSTRUCTIONS 9 Avoid touching the screen or holding your finger(s) against it for long periods of time. Doing so may produce some temporary or permanent distortion/damage to screen. ENGLISH ENG When cleaning the product and its components, unplug the power first and wipe it with a soft cloth. applying excessive force may cause scratches or discolouration. Do not spray with water or wipe with a wet cloth.

never use glass cleaner , car or industrial shiner , abrasives or wax , benzene , alcohol etc. , which can damage the product and its panel. Otherwise, this may result in fire, electric shock or product damage (deformation, corrosion or breakage). As long as this unit is connected to the AC wall outlet, it is not disconnected from the AC power source even if you turn off this unit by SWITCH. When unplugging the cable, grab the plug and unplug it, by pulling at the plug. Don't pull at the cord to unplug the power cord from the power board, as this could be hazardous. When moving the product, make sure you turn the power off first. Then, unplug the power cables, antenna cables and all connecting cables. The TV set or power cord may be damaged, which may create a fire hazard or cause electric shock. When moving or unpacking the product, work in pairs because the product is heavy.

Otherwise, this may result in injury. Contact the service centre once a year to clean the internal parts of the product. 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. If the product feels cold to the touch, there may be a small "flicker" when it is turned on. This is normal, there is nothing wrong with product.

The panel is a high technology display product with resolution of two million to six million pixels. You may see tiny black dots and/or brightly coloured dots (red, blue or green) at a size of 1 ppm on the panel. This does not indicate a malfunction and does not affect the performance and reliability of the product. This phenomenon also occurs in third-party products and is not subject to exchange or refund. 10 SAFETY INSTRUCTIONS You may find different brightness and colour of the panel depending on your viewing position(left/right/top/down).

This phenomenon occurs due to the characteristic of the panel. 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.



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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 highspeed 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. Do not use high voltage electrical goods near the TV (e. SAFETY INSTRUCTIONS 11 Viewing 3D Imaging (Only 3D models) WARNING Viewing Environment Viewing Time - When watching 3D contents, take 5 - 15 minute breaks every hour. Viewing 3D contents for a long period of time may cause headache, dizziness, fatigue or eye strain.

@@@ double images or discomfort in viewing may be experienced. @@It is advised to take frequent breaks than the average adult. @@@@- Consult your doctor when the symptoms persist. @@@@ Do not sit closer to the TV than the recommended distance.

Cautions when using the 3D glasses Make sure to use LG 3D glasses.

Otherwise, you may not be able to view 3D videos properly. @@Using modified 3D glasses may cause eye strain or image distortion. Do not keep your 3D glasses in extremely high or low temperatures. it will cause deformation. The 3D glasses are fragile and are easily scratched.

Always use a soft, clean piece of cloth when wiping the lenses. @@@@The available menus and options may differ from the input source or product model that you are using. New features may be added to this TV in the future. The TV can be placed in standby mode in order to reduce the power consumption. And the TV should be turned off if it will not be watched for some time, as this will reduce energy consumption.

The energy consumed during use can be significantly reduced if the level of brightness of the picture is reduced, and this will reduce the overall running cost.

ENGLISH ENG INSTALLATION PROCEDURE 1 2 3 4 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. * If the TV is turned on for the first time after it was shipped from the factory, initialization of the TV may take a few minutes.

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 damages or injuries 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. B A A B *A < 10 mm = *B < 18 mm = 14 ASSEMBLING AND PREPARING

NOTE How to use the ferrite core (Depending on model) Use the ferrite core to reduce the electromagnetic interference in the LAN cable. Wind the LAN cable once on the ferrite core.

Place the ferrite core close to the TV. [Cross Section of Ferrite Core] ENGLISH ENG [to the TV] [to an External device] Ferrite core ASSEMBLING AND PREPARING 15 ENGLISH ENG Tag On Remote Control, Batteries (AAA) (Depending on model) The remote control will not be included for all sales market. A-8, A-9) Cinema 3D Glasses The number of 3D glasses may differ depending on the model or country. A-10) ASSEMBLING AND PREPARING 17 Separate purchase Contact your dealer for buying these items. These devices only work with certain models.

AG-F***DP Dual play glasses AG-F*** Cinema 3D glasses AN-MR500 Magic Remote AN-VC5** Video call camera ENGLISH ENG LG Audio Device Tag on Compatibility AG-F***DP Dual play glasses AG-F*** Cinema 3D glasses AN-MR500 Magic Remote AN-VC5** Video call camera LG Audio Device Tag on UB85**, UB95**, UC97** UB93** UB98** The model name or design may be changed depending on the upgrade of product functions, manufacturer's circumstances or policies. 18 ASSEMBLING AND PREPARING Parts and buttons A type : UB85**-ZA Screen B type : UB85**-ZD Screen ENGLISH ENG

Speakers Speakers Remote control and Intelligent1 sensors Power Indicator Joystick Button2 Remote control and Intelligent1 sensors Power Indicator Joystick Button2 C type : UB93**, UB95**-ZA Screen D type : UB95**-ZB Screen Speakers Speakers Remote control and Intelligent1 sensors LG Logo light Joystick Button3 Remote control and Intelligent1 sensors LG Logo light Joystick Button3 ASSEMBLING AND PREPARING 19 E type : 65/79UB98** Built-in camera Screen F type : 84UB98** ENGLISH ENG Built-in camera Screen Speakers Speakers(Only 79UB98**) Speakers Speakers Remote control and Intelligent1 sensors LG Logo light Joystick Button 2 Remote control and Intelligent1 sensors LG Logo light Joystick Button3 G type : 98UB98** Built-in camera Screen H type : UC97** Screen Speakers Remote control and Intelligent1 sensors LG Logo light Joystick Button3 Remote control and Intelligent1 sensors LG Logo light Joystick Button2 Sliding Speaker 20 ASSEMBLING AND PREPARING 1 Intelligent sensor - Adjusts the image quality and brightness based on the surrounding environment. ENGLISH ENG NOTE You can set the LG Logo Light or power indicator light to on or off by selecting General in the main menus. (Depending on model) Using the joystick button You can operate the TV by pressing the button or moving the joystick left, right, up, or down.

Basic Functions Power On press it once and release it.

Power Off press it once for a few seconds and release it. Volume Control right, you can adjust the volume level you want. Programmes Control or down, you can scrolls through the saved programmes what you want. NOTE When your finger over the joystick button and push it to the up, down, left or right, be careful not to press the joystick button. If you press the joystick button first, you may not be able to adjust the volume level and saved programmes. Adjusting the Menu When the TV is turned on, press the joystick button one time. You can adjust the Menu items (, ,) moving the joystick button left or right. TV OFF CLOSE INPUT ASSEMBLING AND PREPARING 21 Lifting and moving the TV Please note the following advice to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.



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When transporting a large TV, there should be at least 2 people. When transporting the TV by hand, hold the TV as shown in the following illustration.

ENGLISH ENG CAUTION Avoid touching the screen at all times, as this may result in damage to the screen. It is recommended to move the TV in the box or packing material that the TV originally came in. Before moving or lifting the TV, disconnect the power cord and all cables. When holding the TV, the screen should face away from you to avoid damage. When transporting the TV, do not expose the TV to jolts or excessive vibration. When transporting the TV, keep the TV upright, never turn the TV on its side or tilt towards the left or right. Do not apply excessive pressure to cause flexing / bending of frame chassis as it may damage screen. Mounting on a table Hold the top and bottom of the TV frame firmly. Make sure not to hold the transparent part, speaker, or speaker grill area. 1 Lift and tilt the TV into its upright position on a table.

- Leave a 10 cm (minimum) space from the wall for proper ventilation. 10 cm 10 cm m 10 c 10 cm 2 Connect the power cord to a wall outlet. **CAUTION** Do not place the TV near or on sources of heat, as this may result in fire or other damage. 22 **ASSEMBLING AND PREPARING** Using the Kensington security system **ENGLISH ENG** (This feature is not available for all models.) Image shown may differ from your TV.

The Kensington security system connector is located at the rear of the TV. For more information of installation and using, refer to the manual provided with the Kensington security system or visit <http://www>. Securing the TV to a wall (This feature is not available for all models.) (Only 105UC9*) Connect the Kensington security system cable between the TV and a table. (Only 98UB98**) 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 eyebolts 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. **CAUTION** Make sure that children do not climb on or hang on the TV. **NOTE** Use a platform or cabinet that is strong and large enough to support the TV securely. brackets , bolts and ropes are not provided. You can obtain additional accessories from your local dealer. **ASSEMBLING AND PREPARING** 23 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 the TV to other building materials, please contact qualiLG recommends that wall mounting be performed by a We recommend the use of LG's wall mount bracket.

When you do not use LG's wall mount bracket, please use a wall mount bracket where the device is adequately secured to the wall with enough space to allow connectivity to external devices. LSW440B Wall mount bracket **ENGLISH ENG** MSW240 LSW640B A B 10 cm 10 cm 10 cm 10 cm 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) 49/55UB85** 55UB95** 55UC97** 60UB85** 65UB93** 65UB95** 65UB98** 65UC97** 400 x 400 M6 4 LSW440B Model VESA (A x B) Standard screw Number of screws Wall mount bracket 400 x 400 M6 4 LSW440B MSW240 79/84UB98** 600 x 400 M8 4 LSW640B Model VESA (A x B) Standard screw Number of screws Wall mount bracket 24 **ASSEMBLING AND PREPARING CAUTION** Disconnect the power first, and then move or install the TV. Otherwise electric shock may occur. If you install the TV on a ceiling or slanted wall, it may fall and result in severe injury. Use an authorized LG wall mount and contact the local dealer or qualified personnel. Do not over tighten the screws as this may cause damage to the TV and void your warranty. 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.

Sliding speaker (Only 98UB98)** **ENGLISH ENG** Sliding speaker **NOTE** Use the screws that are listed on the VESA standard screw specifications. The wall mount kit includes an installation manual and necessary parts. The wall mount bracket is not provided. You can obtain additional accessories from your local dealer. The length of screws may differ depending on the wall mount.

Make sure to use the proper length. For more information, refer to the manual supplied with the wall mount. 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 UC97**) 1 When TV is turned ON - the hidden speaker slides out from inside the TV.

2 Go to Settings Sound Sound Out Sliding speaker to set Sliding Speaker. - Please Do Not use excessive force during operation of internal sliding Speaker as it may cause it to malfunction. - Make sure Speaker is in OPEN position when viewing TV as sound will be abnormal or distorted. 3 When transporting the TV, make sure that the Sliding Speaker is closed. If the Sliding Speaker is open when being transported, it may become damaged, resulting in malfunction. - To close the Sliding Speaker, go to Sound Sound Out Sliding speaker, select 'Opens when TV is turned on' and press the POWER button. Wall Mount Inner Spacer **ASSEMBLING AND PREPARING** 25 **CAUTION** When the Sliding speaker is operating (when the TV is turned on/off), ensure that children do not put their hands near the operating part of the speaker (at the bottom of the TV) and that they do not crawl into the space below the TV. - Their hands may get caught and injured due to the operation of the speaker. Using Built-in Camera (Only UB98**) You can make a Skype video call or use the motion recognition function using the built-in camera of the TV. This TV does not support the use of an external camera.

ENGLISH ENG NOTE Before using the built-in camera, you must recognize the fact that you are legally responsible for the use or misuse of the camera by the relevant national laws including the criminal law. The relevant laws include the Personal Information Protection law which regulates the processing and transferring of personal information and the law which regulates the monitoring by camera in a workplace and other places. When using the built-in camera, avoid questionable, illegal, or immoral situations. Other than at public places or events, consent to be photographed may be required. We suggest avoiding the following situations : (1) Using the camera in areas where the use of camera is generally prohibited such as restroom, locker room, fitting room and security area. (2) Using the camera while causing the infringement of privacy. (3) Using the camera while causing the violation of the relevant regulations or laws.



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Do not store objects below the TV. - This may cause a problem in the operating part of the speaker. 26 ASSEMBLING AND PREPARING Preparing Built-in Camera ENGLISH ENG (This feature is not available for all models).

1 Pull up the slide at the back of the TV. Angle Adjustment Lever 3 Push down the built-in camera when you are not using it. Slide Name of Parts of Built-in Camera Protective Film Camera Lens Microphone NOTE Remove the protective film before using the built-in camera. 2 You can adjust the angle of the camera with the angle adjustment lever on the back of the built-in camera. <Side View> (Only 65/79/84UB98**) 7° 5° 5° 7° Microphone Checking the Camera's Shooting Range 1 Press the (Home) button to access the Home menu.

Camera and then press the Wheel(OK) 2 Select button. NOTE The optimal distance from the camera to use the motion recognition function is between 1.5 V AAA) matching the ends to the label inside the compartment, and close the battery cover. To remove the batteries, perform the installation actions in reverse. Or ENGLISH ENG CAUTION Do not mix old and new batteries, as this may damage the remote control. The remote control will not be included for all sales market. Make sure to point the remote control toward the remote control sensor on the TV. INFO Views the information of the current programme and screen. (Space) Opens an empty space on the screen keyboard. PAGE Moves to the previous or next screen. 1 (BACK Coloured buttons These access special functions in some menus. : Red , : Green , : Yellow , : Blue) LIVE MENU EXIT 1 SUBTITLE 2 TEXT LIVE TV T.

OPT Time Machine APP/ REC/ SUBTITLE AD TV/RAD 2 TELETEXT BUTTONS These buttons are used for teletext. Control buttons () Controls the Premium contents, Time MachineReady or SmartShare menus or the SIMPLINK compatible devices (USB or SIMPLINK or Time MachineReady). REC/ Starts to record and displays record menu. (only Time MachineReady support model) SUBTITLE Recalls your preferred subtitle in digital mode. INFO Views the information of the current programme and screen. (Space) Opens an empty space on the screen keyboard. PAGE Moves to the previous or next screen.

TELETEXT BUTTONS These buttons are used for teletext. REC/ Starts to record and displays record menu. (only Time MachineReady support model) Control buttons () Controls the Premium contents, Time MachineReady or SmartShare menus or the SIMPLINK compatible devices (USB or SIMPLINK or Time MachineReady).

2 Coloured buttons These access special functions in some menus. To replace batteries, open the battery cover, replace batteries (1.5 V AA) matching the ends to the label inside the compartment, and close the battery cover. Be sure to point the remote control toward the remote control sensor on the TV. To remove the batteries, perform the installation actions in reverse.

ENGLISH ENG CAUTION Do not mix old and new batteries, as this may damage the remote control. (Voice recognition) Navigation buttons (up/down/left/right) Press the up, down, left or right button to scroll the menu. If you press buttons while the pointer is in use, the pointer will disappear from the screen and Magic Remote will operate like a general remote control. To display the pointer on the screen again, shake Magic Remote to the left and right. p Scrolls through the saved programmes.

/INPUT Wheel(OK) Press the center of the Wheel button to select a menu. You can change programmes by using the Wheel button. Coloured buttons These access special functions in some menus. (Depending on model) * Pressing and holding the button will display a menu to select an external device that is connected to the TV. 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. The recognition rate may vary depending on the user's characteristics (voice, pronunciation, intonation and speed) and the environment (noise and TV volume). How to use Magic Remote Shake the Magic Remote slightly to the right and left or press (Home), , buttons to make the pointer appear on the screen. (In some TV models, The pointer will appear when you turn the Wheel button.

) If the pointer has not been used for a certain period of time or Magic Remote is placed on a flat surface, then the pointer will disappear. If the pointer is not responding smoothly, you can reset the pointer by moving it to the edge of the screen. The Magic Remote depletes batteries faster than a normal remote due to the additional features. ENGLISH ENG Registering Magic Remote How to register the Magic Remote with your TV. 1 Put batteries into the Magic Remote and turn the TV on. 2 Point the Magic Remote at your TV and press the Wheel (OK) on the remote control. * If the TV fails to register the Magic Remote, try again after turning the TV off and back on. (Wheel) How to de-register the Magic Remote Press the (BACK) (BACK) and (Home) (Home) seconds, to unpair the Magic Remote with your TV. * Pressing and holding the (EXIT to LIVE) button will let you cancel and re-register Magic Remote at once. MAGIC REMOTE FUNCTIONS 31 Precautions to Take when Using the Magic Remote Use the Magic Remote within the maximum communication distance (10 m). Using the Magic Remote 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. The Magic Remote 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. 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 may not perform as expected due to frequency interference. ENGLISH ENG 32 USING THE USER GUIDE / MAINTENANCE USING THE USER GUIDE User Guide allows you to more easily access the detailed TV information. 1 Press the (Home) button to access the Home menu. 2 Select User Guide and press Wheel(OK). MAINTENANCE Cleaning your TV Clean your TV regularly to keep the best performance and to extend the product lifespan. ENGLISH 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.



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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. NOTE You can also access the User Guide by pressing (User Guide) in the remote control. (Depending on model) 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 / SPECIFICATIONS 33 TROUBLESHOOTING Problem Cannot control the TV with the remote control. @@@@ Check if the product is turned on. Check if the power cord is connected to a wall outlet. @@ check the power control settings. The power supply may be interrupted.

Check if the Automatic Standby (Depending on model) / Sleep Timer / Timer Power Off feature is activated in the Timers 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.

eNGLISH ENG 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.) 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. This device should be installed and operated with minimum distance 20 cm between the device and your body.

And this phrase is for the general statement for consideration of user environment.) 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. This device should be installed and operated with minimum distance 20 cm between the device and your body. And this phrase is for the general statement for consideration of user environment. Com 2 TABLE

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Telecomando Magic Remote AN-VC5** Telecamera per videochiamate UB93** UB98** ITALIANO ENG Tag on Il nome del modello o il design può cambiare in base all'aggiornamento delle funzioni del prodotto, al produttore e alle politiche.

Cuando no use el soporte de montaje en pared de LG, use uno con una distancia adecuada a la pared para poder conectar fácilmente otros dispositivos externos. If you have any inquiries or comments, please contact LG customer information centre. oPT 1 TEXT 1 EXIT AD REC/ OK 2 - 2 ENG 29 POZOR - /INPUT P * * * ENG - - - 1 2 * * ENG - - - ENG 1 2 POZOR POZOR ENG - 0197 ENG 0197 ENG SPECIFICATIONS B-1 SPECIFICATIONS 49UB85** MODELS 49UB850V-ZA 1093 x 689 x 242 (W x H x D) 49UB850V-ZD 1093 x 681 x 237 AC 100-240 V ~ 50/60 Hz 180W AC 100-240 V ~ 50/60 Hz 180W 55UB85** MODELS 55UB850V-ZA 1233 x 766 x 260 (W x H x D) 55UB850V-ZD 1233 x 760 x 242 AC 100-240 V ~ 50/60 Hz 190W AC 100-240 V ~ 50/60 Hz 190W 60UB85** MODELS 60UB850V-ZA 1341 X 834 X 270 (W x H x D) 60UB850V-ZD 1341 X 827 X 268 AC 100-240 V ~ 50/60 Hz 200W 65UB93** MODELS 65UB930V-ZA 1452 x 914 x 300 (W x H x D) 1452 x 858 x 37 AC 100-240 V ~ 50/60 Hz 200W AC 100-240 V ~ 50/60 Hz 230W B-2 SPECIFICATIONS 55UB95** MODELS 55UB950V-ZA 1232 x 782 x 260 (W x H x D) 1232 x 734 x 37 55UB950V-ZB 1232 x 780 x 242 1232 x 734 x 37 AC 100-240 V ~ 50/60 Hz 210W AC 100-240 V ~ 50/60 Hz 210W 65UB95** MODELS 65UB950V-ZA 1452 x 914 x 300 (W x H x D) 1452 x 858 x 37 65UB950V-ZB 1452 x 900 x 302 1452 x 858 x 37 AC 100-240 V ~ 50/60 Hz 230W 65UB98** MODELS 65UB980V-ZA 1560 x 884 x 264 (W x H x D) 1560 x 849 x 75 AC 100-240 V ~ 50/60 Hz 230W 79UB98** 79UB980V-ZA AC 100-240 V ~ 50/60 Hz 250W 84UB98** MODELS 84UB980V-ZA 2024 x 1172 x 342 (W x H x D) AC 100-240 V ~ 50/60 Hz 290W 98UB98** 98UB980V-ZB AC 100-240 V ~ 50/60 Hz 520W AC 100-240 V ~ 50/60 Hz 610W SPECIFICATIONS B-3 55UC97** MODELS 55UC970V-ZA 65UC97** 65UC970V-ZA (W x H x D) AC 100-240 V ~ 50/60 Hz 240W AC 100-240 V ~ 50/60 Hz 260W CI Module Size (W x H x D) 0 °C to 40 °C -20 °C to 60 °C DVB-T/T2 DVB-C DVB-S/S2 VHF , UHF 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 - DVB-S/S2 : 6 ,000 Please contact LG First.



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801 54 54 54 808 78 54 54 031 228 3542 0850 111 154 963 649 270 0770 54 54 54 Record the model number and serial number of the TV. Refer to the label
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