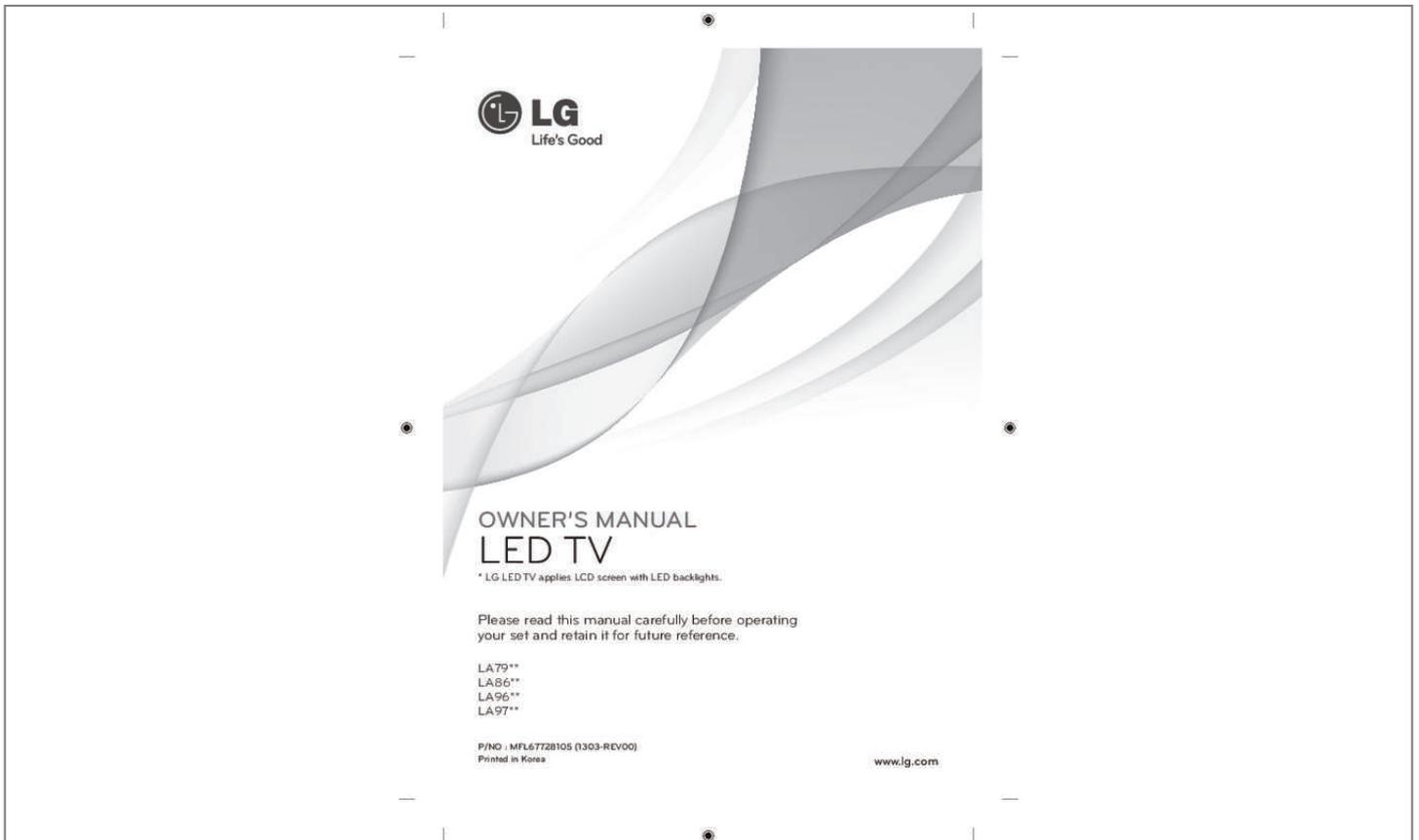




# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for LG 47LA860V. You'll find the answers to all your questions on the LG 47LA860V in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual LG 47LA860V**  
**User guide LG 47LA860V**  
**Operating instructions LG 47LA860V**  
**Instructions for use LG 47LA860V**  
**Instruction manual LG 47LA860V**



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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. (Only LA86\*\*, LA96\*\*, LA97\*\*) 1 Gather and bind the cables with the Cable Holder and the Cable Management. 2 Fix the Cable Management firmly to the TV. Cable Holder Cable Management NOTE yy Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse. @@@@2 Fix the Cable Management firmly to the TV. @@@@25 26 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. 26 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” 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 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 Do yy 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.

Do yy not place the product where it might be exposed to dust. This may cause a fire hazard Mains Plug is the TV connecting/disconnecting device to AC mains electric supply. Yy This plug must remain readily attached and operable when TV is in use. Do yy 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. Make sure to connect Mains cable to compliant AC mains socket with Grounded yy earth pin. (Except for devices which are not grounded on earth. ) Otherwise possibility you may be electrocuted or injured. Insert power cable plug completely into wall socket otherwise if not secured yy completely into socket, fire ignition may break out.

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

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

Otherwise, this may result in injury or damage to the product. Keep the anti-moisture packing material or vinyl packing out of the reach of children. yy 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 yy 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 yy them. Please seek Doctor- Medical Attention immediately if child consumes batteries.

Do yy 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. Do not let your children climb or cling onto the TV. Otherwise, the TV may fall over, which may cause serious injury. (Depending on model) Do yy 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 yy 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. Do yy not spray water on the product or scrub with an inflammable substance (thinner or benzene). fire or electric shock accident can occur.

Do yy 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 lighting storm. yy You may be electrocuted. Never touch the wall outlet when there is leakage of gas, open the windows and yy ventilate.



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Accesses the main menu, or saves your input and exits the menus. **NOTE** You can set the LG Logo Light to on or off by selecting **OPTION** in the main menus. **16 ASSEMBLING AND PREPARING 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. **Y** When transporting a large TV, there should be at least 2 people. **Y** When transporting the TV by hand, hold the TV as shown in the following illustration.

**Y** Hold the top and bottom of the TV frame firmly. **Y** Image shown may differ from your TV. **Y** Brackets, bolts and ropes are not provided. You can obtain additional accessories from your local dealer. **2** Mount the wall brackets with the bolts to the wall. **Y** Make sure to keep the rope horizontal with the flat surface. **19** 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) 42/47/55LA79\*\* 42/47/55/60LA86\*\* 47/55LA96\*\* VESA (A x B) 400 x 400 Standard screw M6 Number of screws 4 Wall mount LSW430B bracket Model 70LA86\*\* 55/65LA97\*\* 600 x 400 M8 4 LSW630B **CAUTION** **Y** Disconnect the power first, and then move or install the TV. Otherwise electric shock may occur.

**Y** 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. **Y** Do not over tighten the screws as this may cause damage to the TV and void your warranty. **Y** 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 manufacturer's warranty.

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

**20 ASSEMBLING AND PREPARING Using Built-in Camera (Only LA86\*\*, LA96\*\*, LA97\*\*)** You can make a Skype video call or use the motion recognition function using the built-in camera of the TV. **2** You can adjust the angle of the camera with the angle adjustment lever on the back of the built-in camera (within 5 degrees vertically). **ENGLISH ENG Preparing Built-in Camera 1** Pull up the slide at the back of the TV. **Angle Adjustment Lever Slide 3** Pull down the built-in camera when you are not using it. **NOTE** Remove the protective film before using the **Y** built-in camera. **21 Name of Parts of Built-in Camera** Microphone Indicator Camera Lens **ENGLISH ENG Checking the Camera's Shooting Range 1** Press the **SMART** button on the remote control to display the **More** menu. **2** Select **Settings** from the **More** menu and then press the **wheel (OK)** button. **3** Go to **OPTION** **Camera Setting Help** and press the **wheel (OK)** button.

**NOTE** The **Y** optimal distance from the camera to use the motion recognition function is between **1**. **22 MAGIC REMOTE CONTROL FUNCTIONS MAGIC REMOTE CONTROL FUNCTIONS** This item is not included for all models. To replace batteries, open the battery cover, replace batteries (1.5 V AA) matching and 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** **Y** Do not mix old and new batteries, as this may damage the remote control. **Y** Use the Magic remote control no further than 10 cm from your face. **Y** 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** You can select **More Menu**. **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. **Precautions to Take when Using the Magic Remote Control** Use the Magic Remote Control within the **Y** maximum communication distance (10 m). Using the Magic Remote Control beyond this distance, or with an object obstructing it, may cause a communication failure. **Y** 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 **Y** 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 **Y** or other people when using the Magic Remote Control. Manufacturer and installer cannot provide **Y** service related to human safety as the applicable wireless device has possibility of electric wave interference. It **Y** 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 Magic Remote How to use the pointer disappears, move the Magic Remote Control slightly to left or right. Then, **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. will automatically appear on the screen.

**»»** the pointer has not been used If for a certain period of time, it will disappear. **24 USING THE USER GUIDE USING THE USER GUIDE** User Guide allows you to more easily access the detailed TV information. **1** Press the **SMART** button to access the 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** **Y** If subtitle data in a selected language is not broadcast, **Y** the default language subtitle will be displayed. **ENGLISH ENG 1** User Guide **Try Now Close 2** User Guide **Y** 1 2 User Guide Shows the description of the selected menu.



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You can use □/□ to move between pages. Moves to the selected menu directly from the User Guide.

**I 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 Online User Guide 4 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.) **MAINTENANCE / TROUBLESHOOTING 25 MAINTENANCE** Cleaning your TV Clean your TV regularly to keep the best performance and to extend the product lifespan. **ENGLISH ENG CAUTION yy** Make sure to turn the power off and disconnect the power cord and all other cables first. **yy** 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 yy** To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth. **yy** 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 yy** Avoid touching the screen at all times, as this may result in damage to the screen. **yy** 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. **yy** Do not use any chemicals as this may damage the product. **yy** 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. **Solution yy** Check the remote control sensor on the product and try again. **yy** Check if there is any obstacle between the product and the remote control. to , to ). **yy** Check if the batteries are still working and properly installed ( yy Check if the product is turned on. **yy** Check if the power cord is connected to a wall outlet. **yy** Check if there is a problem in the wall outlet by connecting other products. yy Check the power control settings. The power supply may be interrupted.

**yy** Check if the Auto sleep feature is activated in the Time settings. **yy** If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity. **yy** Turn the TV off/on using the remote control. yy Reconnect the HDMI cable. **yy** Restart the PC with the TV on.

When connecting to the PC (HDMI DVI), 'No signal' or 'Invalid Format' is displayed. **26 EXTERNAL CONTROL DEVICE SETUP / SPECIFICATIONS 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 yy operating frequency and this product is set for the regional frequency table. **Com 2 TABLE DES MATIÈRES TABLE DES MATIÈRES 3 3 FRANÇAIS FRA LICENCES INFORMATIONS SUR LES LOGICIELS LIBRES CONSIGNES DE SÉCURITÉ - Visionnage d'images 3D (modèles 3D uniquement) 26 CONFIGURATION DU PÉRIPHÉRIQUE DE CONTRÔLE EXTERNE SPÉCIFICATIONS 26 4 10 12 12 12 14 15 16 17 18 20 20 21 21 PROCÉDURE D'INSTALLATION ASSEMBLAGE ET PRÉPARATION Déballage Achat séparé Pièces et boutons Soulever et déplacer la TV Installation sur une table Fixation du support mural Utilisation de la caméra intégrée - Préparation de la caméra intégrée Nom des pièces de la caméra intégrée - Vérification de la plage de prise de vue de la caméra 22 23 23 23 FONCTIONS DE LA MAGIC REMOTE Enregistrement de la Magic remote Comment utiliser la magic remote Consignes relatives à l'utilisation de la magic remote AVERTISSEMENT yy Si vous ignorez ces messages d'avertissement, vous risquez d'être gravement blessé, de provoquer un accident ou d'entraîner la mort. SMART Consignes relatives à l'utilisation de la magic remote La yy télécommande doit toujours se trouver à une distance de communication maximum de 10 m.**

0 2400–2483,5 MHz 10 dBm ali manj Ker yy je v državi lahko uporabljn drug pasovni kanal, uporabnik ne more spremeniti ali prilagoditi delovne frekvence, ta izdelek pa je nastavljen v skladu s podatki v tabeli z regionalnimi frekvencami. **Antenna connection ANTENNA/ CABLE IN English** Connect the TV to a wall antenna socket with an RF cable (75 Ω). **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. 13/18V 700mA Max LNB IN IN Satellite English Connect the TV to a satellite dish to a satellite socket with a satellite RF cable (75 Ω). 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. **yy** Formats audio HDMI pris en charge : Dolby Digital, DTS, PCM (jusqu'à 192 KHz, 32KHz /44,1KHz/48KHz/88KHz/96KHz/176KHz/19 2KHz) 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. **Speaker / HP 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 on the following illustration. NOTE AUDIO menu items are disabled when yy connecting a headphone. **Optical Digital Audio Out** is not available yy when connecting a headphone. **AUDIO OUT DVI 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.



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*It does not matter which port you use. choose any HDMI input port to connect. It does not matter which port you use. NOTE yy Depending on the graphics card, DOS mode may not work if a DVI to HDMI Cable is in use. Yy When using the DVI/HDMI cable, single link is only supported.*

*L R AUDIO VIDEO 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 a component gender 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. WHITE WHITE L (MONO) AUDIO R (\*Not Provided) YELLOW WHITE RED RED RED VCR / DVD / Blu-Ray / HD Cable Box 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.*

*Entfernen Sie das passive MHL-Kabel vom TVyy Gerät, wenn: -- MHL-Funktion deaktiviert ist die -- Mobilfunkgerät im Standby-Modus Ihr vollständig geladen ist MHL passive cable (\*Not Provided) 1 (ARC) 2 3 / DVI IN Français Mobile phone English Mobile High-definition Link (MHL) is an interface for transmitting digital audiovisual signals from mobile phones to television sets. Retirez le câble passif MHL du téléviseur yy uniquement si : -- fonction MHL est désactivée, la -votre périphérique mobile est complètement chargé et en mode veille ou 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. @@@@@NOTE yy Do not look into the optical output port. Looking at the laser beam may damage your vision. Yy Audio with ACP (Audio Copy Protection) function may block digital audio output. English Connect a USB storage device such as a USB flash memory, external hard drive, or a USB memory card reader to the TV and access the Smart Share menu to use various multimedia files.*

*If a USB device connected using a USB Hub is not detected, connect it to the USB port on the TV directly. Yy Connect the external power source if your USB is needed. English View the encrypted (pay) services in digital TV mode. This feature is not available in all countries. NOTE yy Check if the CI module is inserted into the PCMCIA card slot in the right direction. @@@@@Yy When watching digital TV in 3D imaging mode, only 2D out signals can be output through the SCART cable. (Only 3D models) yy If you set the 3D mode to On while a scheduled recording is performed on digital TV, monitor out signals cannot be output through the SCART cable, and the recording cannot be performed. 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. B-34 SPECIFICATIONS 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 Environment condition Operating Temperature Operating Humidity Storage Temperature Storage Humidity Digital TV DVB-T/T2 1 0 °C to 40 °C Less than 80 % -20 °C to 60 °C Less than 85 % Analogue TV PAL/SECAM B/G/I/D/K, SECAM L/L' VHF: E2 to E12 Television system DVB-C2 DVB-S/S23 VHF, UHF C-Band, Ku-Band Programme coverage UHF: E21 to E69 CATV: S1 to S20 HYPER: S21 to S47 Maximum number of storable programmes External antenna impedance 1 T/T2 : Terrestrial 2 C: Cable 3 S/S2 : Satellite 6,000 1,200 75 Ω B-36 SPECIFICATIONS HDMI/DVI-DTV supported mode Resolution 640X480 720X480 720X576 1280X720 Horizontal Frequency (kHz) 31.*

*00 1080p SPECIFICATIONS B-37 3D supported mode yy Video, which is input as below media contents is switched into the 3D screen automatically. Yy The 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 8088 5758 0800 0 54 54 3220 54 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 0770 54 54 54 0848 543 543 0844 847 5454 8 800 200 7676 800 9990 0 800 303 000 8 8000 805 805, 2255(GSM) 8 800 120 2222 8 0000 710 005 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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