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You can read the recommendations in the user guide, the technical guide or the installation guide for LG 29LN450B. You'll find the answers to all your questions on the LG 29LN450B in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual LG 29LN450B
User guide LG 29LN450B
Operating instructions LG 29LN450B
Instructions for use LG 29LN450B
Instruction manual LG 29LN450B



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Manual abstract:

A-2 ... A-4 Front (ENG) 2 ... 20 Front (GER) 2 ... 20 Front (FRE) 2 ... 20 Front (ITA) 2 ... 22 23 Blank Front (SPA) 2 ... 20 Front (POR) 2 ... 20 Front (NED) 2 ... 20 Front (GRK) 2 ... 20 Front (SLN) 2 ... 20 Part number (Revision number) Total pages : MFL67707903 (1304-REV01) : 220 pages Back Cover B-1 B-2 ... B-30 B-31 OWNER'S MANUAL LED TV LN45** * LG LED TV applies LCD screen with LED backlights. Please read this manual carefully before operating your set and retain it for future reference. Com A-2 TABLE OF CONTENTS TABLE OF CONTENTS A-3 SETTING UP THE TV A-3 A-3 A-4 Attaching the stand Detaching the stand Tidying cables COMMON LANGUAGE LIST English Deutsch Français Italiano Español Português Nederlands Ελληνικά Slovenščina LANGUAGE B-1 MAKING CONNECTIONS B-1 B-3 B-4 B-6 B-8 B-10 B-13 B-14 B-15 B-16 B-19 B-20 B-22 Antenna connection Satellite dish connection Adapter connection HDMI connection DVI to HDMI connection MHL connection RGB connection Component connection Composite connection Euro Scart connection USB connection CI module connection Headphone connection B-29 SPECIFICATIONS COMMON SETTING UP THE TV A-3 Setting up the TV Image shown may differ from your TV. Detaching the Stand 22/24/26/28/29LN45** Attaching the stand 22/24/26/28/29LN45** 1 1 Stand Base Stand Base 2 2 CAUTION When attaching the stand to the TV, place the screen facing down on a cushioned table or flat surface to protect the screen from scratches. NOTE yy When Detaching the stand from TV, Detach the stand with lifting up the lever in the direction of the arrow. A-4 SETTING UP THE TV Tidying cables Gather and bind the cables with the cable holder. Cable Holder CAUTION yy Do not move the TV by holding the cable holder, as the cable holders may break, and injuries and damage to the TV may occur. OWNER'S MANUAL LED TV * LG LED TV applies LCD screen with LED backlights. Please read this manual carefully before operating your set and retain it for future reference. Com 2 TABLE OF CONTENTS TABLE OF CONTENTS 3 3 4 10 10 10 12 13 14 15 ENGLISH ENG LICENSES OPEN SOURCE SOFTWARE NOTICE SAFETY INSTRUCTIONS INSTALLATION PROCEDURE ASSEMBLING AND PREPARING Unpacking Parts and buttons Lifting and moving the TV Mounting on a table Mounting on a wall 17 18 18 18 REMOTE CONTROL ENTERTAINMENT Wired Network Connection Network setting 19 20 20 20 20 USING THE USER GUIDE MAINTENANCE Cleaning your TV - Screen, frame, cabinet and stand - Power cord 20 TROUBLESHOOTING WARNING yy If you ignore the warning message, you may be seriously injured or there is a possibility of accident or death. CAUTION yy If you ignore the caution message, you may be slightly injured or the product may be damaged. NOTE yy The note helps you understand and use the product safely. Please read the note carefully before using the product. LICENSES / OPEN SOURCE SOFTWARE NOTICE 3 LICENSES Supported licenses may differ by model. For more information about licenses, visit www.dolby.com and the double-D symbol are trademarks of Dolby Laboratories. 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. 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. s. Patents : 7,295,673; 7,460,668; 7,515,710; 7,519,274" ENGLISH ENG 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.com>. 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. 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 yy Do not place the TV and/or remote control in the following environments: -- location exposed to direct sunlight A -- area with high humidity such as a bathroom An -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 -- area exposed to rain or wind An -Near containers of water such as vases Otherwise, this may result in fire, electric shock, malfunction or product deformation. Yy 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. Yy 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.

Yy 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. Yy Insert power cable plug completely into wall socket otherwise if not secured completely into socket, fire ignition may break out. Yy 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. Yy Do not place a heavy object, or the product itself, on power cables. Otherwise, this may result in fire or electric shock. Yy 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.

Yy 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 yy Do not plug too many electrical devices into a single multiple electrical outlet. Otherwise, this may result in fire due to over-heating.



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Yy 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. Yy 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.

Yy Do not let your children climb or cling onto the TV. Otherwise, the TV may fall over, which may cause serious injury. Yy 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. Yy 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. y There is a danger of combustion/explosion or fire due to careless handling of the inflammable substances. Yy 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. Yy Do not spray water on the product or scrub with an inflammable substance (thinner or benzene). fire or electric shock accident can occur. Yy 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.

Yy Never touch this product or antenna during a thunder or lighting storm. you may be electrocuted. Yy 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 yy 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. Yy 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. Yy 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. Yy 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 yy Install the product where no radio wave occurs. Yy 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.

Yy 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. Yy 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. Yy 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. Yy Only use the attachments / accessories specified by the manufacturer. Yy 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.

Yy 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. Yy Only use the specified type of battery. This could cause damage to the remote control. Yy Do not mix new batteries with old batteries.

This may cause the batteries to overheat and leak. yy Batteries should not be exposed to excessive heat. For example, keep away from direct sunlight , open fireplace and electric heaters. yy Do not place non-rechargeable batteries in charging device. Yy Make sure there are no objects between the remote control and its sensor.

Yy 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. Yy When connecting external devices such as video game consoles, make sure the connecting cables are long 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. Yy Generated Sound "Cracking" noise: A cracking noise that occurs when watching or turning off the TV is generated by plastic thermal contraction due to tempera-ture 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 depend-ing on the product. This generated sound does not affect the performance and reliability of the product. 10 INSTALLATION PROCEDURE / ASSEMBLING AND PREPARING NOTE yy Image shown may differ from your TV. Yy Your TV's OSD (On Screen Display) may differ slightly from that shown in this manual. Yy The available menus and options may differ from the input source or product model that you are using. Yy New features may be added to this TV in the future. Yy 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.

Yy 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.



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ENGLISH ENG 1 2 3 4 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. (Depending on model) **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** yy Do not use any unapproved items to ensure the safety and product life span.

yy Any damages or injuries by using unapproved items are not covered by the warranty. yy Some models have a thin film attached on to the screen and this must not be removed. **NOTE** yy The items supplied with your product may vary depending on the model. yy Product specifications or contents of this manual may be changed without prior notice due to upgrade of product functions. yy 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. Accesses the main menu, or saves your input and exits the menus. **OK** □ **SETTINGS INPUT / I 1** All of the buttons are touch sensitive and can be operated through simple touch with your finger. **ASSEMBLING AND PREPARING 13** Lifting and moving the TV When moving or lifting the TV, read the following to prevent the TV from being scratched or damaged and for safe transportation regardless of its type and size.

yy When transporting a large TV, there should be at least 2 people. yy When transporting the TV by hand, hold the TV as shown in the following illustration. @@@@yy Hold the top and bottom of the TV frame firmly. @@@@2 Mount the wall brackets with the bolts to the wall. @@@@Make sure to keep the rope horizontal with the flat surface. **CAUTION** yy Make sure that children do not climb on or hang on the TV. @@ yy Brackets , bolts and ropes are not provided. You can obtain additional accessories from your local dealer. @@@@When you attach the TV to other building materials, please contact qualified personnel. LG recommends that wall mounting be performed by a qualified professional installer. **ENGLISH ENG 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) Model VESA (A x B) Standard screw Number of screws Wall mount bracket 22/24/26/28/29LN45** 100 x 100 M4 4 LSW130B 16 **ASSEMBLING AND PREPARING ENGLISH ENG A B 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 authorized 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. **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. **REMOTE CONTROL 17 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. **ENGLISH ENG CAUTION** yy Do not mix old and new batteries, as this may damage the remote control. Make sure to point the remote control toward the remote control sensor on the TV. / **PIP** : Turns the PIP mode on or off (User Guide) **Sees User Guide.** changes the input source. **Number buttons** Enters numbers **Accesses the saved programme list.** **PAGE** Moves to the previous or next screen. **TELETEXT** buttons These buttons are used for teletext. Views the information of the current programme and screen. **SIMPLINK** Accesses the AV devices connected with the HDMI cable through HDMI-CEC.

Control buttons() Controls the MY MEDIA menus, or the SIMPLINK compatible devices (USB,SIMPLINK). **Coloured buttons** These access special functions in some menus. (**RED GREEN YELLOW BLUE**) (Backlight) Adjusts the brightness of the screen by controlling the screen backlight. **MENU EXIT TV/PC 2** **NOTE** yy On MHEG programme, you cannot adjust the backlight with the yellow or blue button. **18 ENTERTAINMENT ENTERTAINMENT ENGLISH ENG Only LN45*U model(Only UK)** Image shown may differ from your TV.

Wired Network Connection (*Not Provided) Internet connection **Wired router Network setting 1** Press the **SETTING** button to access the main menu. Select the **Complete** to confirm the network connection. Setting your network will enable network-related features on the TV. **USING THE USER GUIDE 19 USING THE USER GUIDE** User Guide allows you to more easily access the detailed TV information. **1** Press **SETTINGS** to access the main menus. **2** Press the **RED** button to access the Customer Support menus. **3** Press the Navigation buttons to scroll to User Guide and press **OK**. **User Guide ENGLISH ENG 1 OPTION >** To set language **SETTING □ OPTION □ Language** You can select the language of the menu displayed on the screen and the digital sound broadcasting. **ς Menu Language :** Selects a language for the display text. **ς Audio Language □In Digital Mode Only :** Selects the desired language when [watching digital broadcasting containg several voice languages. **ς Subtitle Language □In Digital Mode Only :** Use the Subtitle function when two [or more subtitle languages are broadcast. □ If subtitle data in a selected language is not broadcast, the default □ language subtitle will be displayed. **PROGRAMME Setting PICTURE, SOUND Setting OPTION Advanced Function Information 2 Zoom In Close PICTURE AUDIO SETUP TIME SETTING □ OPTION □ Language** You can select the language of the menu displayed on the screen and the digital sound broadcasting. **ς Menu Language :** Selects a language for the display text. **ς Audio Language □In Digital Mode Only :** selects the desired language when [watching digital broadcasting containg several voice languages.

ς Subtitle Language □In Digital Mode Only] : Use the Subtitle function when two [or more subtitle languages are broadcast.



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□ □f subtitle data in a selected language is not broadcast, the default I language subtitle will be displayed. User Guide Close 2 1 2 Zoom Out Close Shows the description of the selected menu. You can use □/□to move between pages. zooms in or out the screen. User Guide 2 To use input device To set ODC (Over Driving Circuit) 3 PROGRAMME Setting PICTURE, SOUND Setting OPTION Advanced Function Information To use PIP (Picture In Picture) To set time options To set TV lock options To set language 1 To set country Image shown may differ from your TV. 1 2 3 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.

20 MAINTENANCE / TROUBLESHOOTING 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. When connecting to the PC (RGB/HDMI), 'No signal' or 'Invalid Format' is displayed. 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. Yy Check if the batteries are still working and properly installed (, to , to). 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 RGB/HDMI cable. Yy Restart the PC with the TV on. 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.

Com 2 TABLE DES MATIÈRES TABLE DES MATIÈRES 3 3 FRANÇAIS FRA LICENCES INFORMATIONS SUR LES LOGICIELS LIBRES CONSIGNES DE SÉCURITÉ PROCÉDURE D'INSTALLATION ASSEMBLAGE ET PRÉPARATION Déballage Pièces et boutons Soulever et déplacer la TV Installation sur une table Fixation du support mural 4 10 10 10 12 13 14 15 17 18 18 18 TÉLÉCOMMANDE DIVERTISSEMENT Connexion au réseau câblé Paramètre réseau 19 UTILISATION DU GUIDE DE L'UTILISATEUR ENTRETIEN Nettoyage de votre TV - Écran, cadre, boîtier et support - Cordon d'alimentation 20 20 20 AVERTISSEMENT yy Si vous ignorez ces messages d'avertissement, vous risquez d'être gravement blessé, de provoquer un accident ou d'entraîner la mort. 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. Fixation du support mural Prenez les précautions nécessaires pour fixer le support mural en option à l'arrière de la TV. 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. 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.

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. 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. @@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. Satellite (*Not Provided) English Connect the TV to a satellite dish to a satellite socket with a satellite RF cable (75 Ω). English 1 Connect the antenna cable to the antenna input port on the TV. 2 Connect the DC adapter plug to the power input jack on the TV. 3 Connect the power cord to the DC adapter first, then plug the power cord into the wall power outlet.

aTTENZIONE yy Assicurarsi di collegare la TV all'adattatore di alimentazione CC prima di collegare la presa di corrente della TV alla presa a muro. CAUTION yy Please be sure to connect the TV to the ACDC power adapter before connecting the TV's power plug to a wall power outlet. HDMI REMARQUE 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 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. 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 HDMI to DVI cable as shown. to transmit an audio signal , connect an audio cable. NOTE Depending on the graphics card, DOS mode yy may not work if a HDMI to DVI Cable is in use. When using the HDMI/DVI cable, only Single yy link is supported. Mobile phone English Mobile High-definition Link (MHL) is an interface for transmitting digital audiovisual signals from mobile phones to television sets.



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NOTE 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. Remove the MHL passive cable from the TV when: yy - The MHL function is disabled - Your mobile device is fully charged in standby mode MAKING CONNECTIONS B-11 Deutsch Mobile High-Definition Link (MHL) ist eine digitale Schnittstelle, welche audiovisuelle Signale vom Mobiltelefon an ein TV-Gerät überträgt. English Transmits the video signal from your PC to the TV. RED BLUE 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. English Transmits analog video and audio signals from an external device to the TV. Connect the external device and the TV with th composite cable as shown. @@@@English View the encrypted (pay) services in digital TV mode. 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. English Transmits the headphone signal from the TV to an external device. Connect the external device and the TV with the headphone as shown. Du casque : 9 mW à 15 mW yy Taille de la prise casque : 0,35 cm NOTE yy AUDIO menu items are disabled when connecting a headphone. For more information on 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-29 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 % Analogue TV PAL/SECAM B/G/D/K PAL-I/I', SECAM L/L'3 VHF: E2 to E12, UHF : E21 to E69, CATV: S1 to S20, HYPER: S21 to S47 DVB-T DVB-C VHF, UHF Satellite Digital TV1 Satellite Digital TV2 Digital TV Programme coverage VHF, UHF C-Band, Ku-Band Maximum number of storable programmes External antenna impedance 6,000 75 Ω 1,500 1 Only satellite models 2 Only DVB-T2 support models 3 Except for Nordic countries(Denmark, Finland, Norway and Sweden) SPECIFICATIONS B-31 HDMI (DTV) supported mode Resolution Horizontal Frequency (kHz) 31. Component port connecting information Component ports on the TV Y Video output ports on DVD player Y Y Y Y Signal 480i/576i 480p/576p 720p/1080i 1080p PB PB B-Y Cb Pb PR PR R-Y Cr Pr Component O O O O (50 Hz / 60 Hz only) Please contact LG First. 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 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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