

Manual abstract:

A-2 A-3 A-4 Front (Eng) 2 21 Blank Front (Ita) 2 24 Making Connect (Eng) B-2 B-10 Blank Blank Back Cover (Eng) OWNER'S MANUAL PLASMA TV 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-4 Attaching the stand Tidying cables COMMON language list English Italiano LANGUAGE B-1 MAKING CONNECTIONS B-1 B-1 B-2 B-3 B-4 B-5 B-5 B-6 B-6 B-7 Antenna Connection Satellite dish Connection HDMI Connection DVI to HDMI Connection Component Connection Composite Connection Audio Connection - Digital optical audio connection USB Connection CI module Connection Euro Scart Connection B-9 SPECIFICATIONS COMMON SETTING UP THE TV A-3 Setting up the TV Image shown may differ from your TV. 3 Attaching the stand 1 Only 50PN45**, 50/60PN65** 3 EA M5 x 16 Only 42PN45** 3 EA M4 x 14 Stand Body Front Only 50PN45**, 50/60PN65** 4 EA M5 x 16 Only 42PN45** 4 EA M4 x 14 To detach the stand Stand Base (Only 50PN45**, 50PN65**) 1 2 4 EA M5 x 16 A-4 SETTING UP THE TV 2 Tidying cables 1 Install the Power Cord Holder and Power Cord. It will help prevent the power cable from being removed by accident. @@@@Do not use too much force and over tighten the screws; otherwise screw may be damaged and not tighten correctly. Cable holder CAUTION yy Do not move the TV by holding the cable holder and power cable holder, as the cable holders may break, and injuries and damage to the TV may occur. NOTE yy When installing the wall mounting bracket, use the Protection Cover. Yy This will protect the opening from accumulating dust and dirt. Yy Remove the stand before installing the TV on a wall mount by performing the stand attachment in reverse. OWNER'S MANUAL PLASMA TV 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 Licenses OPEN SOURCE SOFTWARE NOTICE EXTERNAL CONTROL DEVICE SETUP Safety Instructions Installation Procedure ASSEMBLING AND PREPARING Unpacking Separate purchase Parts and buttons Lifting and moving the TV Mounting on a table Mounting on a wall ENGLISH 4 10 10 14 15 16 17 18 19 20 21 21 21 REMOTE CONTROL Using the User guide MAINTENANCE Cleaning your TV - Screen, frame, cabinet and stand - Power cord 21 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 / EXTERNAL CONTROL DEVICE SETUP 3 Licenses Supported licenses may differ by model.

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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 yy heater. 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 yy flowing 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 yy rear of TV as to not create possibility of electric shock /fire hazard.



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SAFETY INSTRUCTIONS 5 Do not plug too many electrical devices into a single multiple electrical outlet. Otherwise, this may result in fire due to overheating. 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. Keep the packing anti-moisture material or vinyl packing out of the reach of your 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 protect a child from eating 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. Do not spray water on the product or scrub with an inflammable substance (thinner or benzene).

fire or electric shock accident can occur. Do not allow any impact, shock or any objects to fall into the unit, and do not drop anything onto the screen. You may be injured or the product can be damaged. Never touch this product or antenna during a thunder or lightning storm. You may be electrocuted.

Never touch the wall outlet when there is leakage of gas, open the windows and ventilate. It may cause a fire or a burn by a spark. ENGLISH Description

SAFETY INSTRUCTIONS Do not disassemble, repair or modify the product at your own discretion. fire or electric shock accident can occur. Contact the service centre for check, calibration or repair. If any of the following occur, unplug the product immediately and contact your local service centre. -The product has been impacted by shock -The product has been damaged -Foreign objects have entered the product -The product produced smoke or a strange smell This may result in fire or electric shock. Unplug the TV from AC mains wall socket if you do not intend to use the TV for a long period of time.

Accumulated dust can cause fire hazard and insulation deterioration can cause electric leakage/shock/fire. Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

ENGLISH SAFETY INSTRUCTIONS 7 ENGLISH 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.

Only use the specified type of battery. This could cause damage to the remote control. Do not mix new batteries; when it is turned on.

This is normal, there is nothing wrong with product. This phenomenon occurs due to the characteristic cannot be mounted to the wall, mount it on the TV. Avoid disconnecting the antenna Isolator after installation. -- Before starting, be sure that the TV antenna is connected.

Contact your dealer to buy these items.

These devices only work with certain models. Changes the input source Adjusts the volume level. scrolls through the saved programmes.

When transporting a large TV, there should be at least 2 people. Hold the top and bottom of the TV frame firmly.

ASSEMBLING AND PREPARING 17 Mounting on a table 1 Lift and tilt the TV into its upright position on a table. -- Leave a 10 cm (minimum) space from the L wall for proper ventilation. Adjusting the angle of the TV to suit view (This feature is not available for all models.) Adjusting the angle of the TV to suit view Swivel 20 degrees to the left or right and adjust the angle of the TV to suit your view. ENGLISH 20 20 10 cm 10 cm m 10 c 10 cm **CAUTION 2** Connect the power cord to a wall outlet.

When adjusting the angle of the product, watch out for your fingers. -- Personal injury may occur if hands or fingers are pinched. If the product is tilted too much, it may fall, causing damage or injury. Securing the TV to a wall (This feature is not available for all models.) **CAUTION** Do not place the TV near or on sources of heat, as this may result in fire or other damage. Securing the TV to a table Fix the TV to a table to prevent from tilting forward, damage, and potential injury. Mount the TV on a table, and then insert and tighten the supplied screw on the rear of the stand. (Only 42PN45**) To prevent TV from falling over, the TV should be securely attached to the floor/ wall per installation instructions. Tipping, shaking, or rocking the TV may cause injury.

WARNING 1 Insert and tighten the eye-bolts, or TV brackets and bolts on the back of the TV.

-- If there are bolts inserted at the eye-bolts position, remove the bolts first. 2 Mount the wall brackets with the bolts to the wall. Match the location of the wall bracket and the eye-bolts on the rear of the TV. 3 Connect the eye-bolts and wall brackets tightly with a sturdy rope. Make sure to keep the rope horizontal with the flat surface.

18 ASSEMBLING AND PREPARING CAUTION Make sure that children do not climb on or hang on the TV. **ENGLISH A 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. **CAUTION** Disconnect the power first, and then move or install the TV.



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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 authorised 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. 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.
Please read this manual carefully and use the TV correctly.

To replace batteries, open the battery cover, replace batteries (1. To remove the batteries, perform the installation actions in reverse. CAUTION 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.

OPT These buttons are used for teletext. P A P G E PAGE Moves to the previous or next screen. INFO MUTE Views the information of the current programme and screen. Accesses the AV devices connected with the HDMI cable through HDMICEC. Control buttons () Controls the MY MEDIA menus, or the SIMPLINK compatible devices (USB, SIMPLINK). Colour buttons These buttons are used for teletext (on TELETEXT models : Green, : Yellow, : Blue) only), Programme edit.

(REC : Red, LIVE TV (FREEZE) Freezes the current frame while using the TV, AV, Component, or INFO [LIST Q. VIEW 20 USING THE USER GUIDE Using the User guide User Guide allows you to more easily access the detailed TV information. ENGLISH 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 1 OPTION > To set language SETTING You can select the language of the menu displayed on the screen and the digital sound broadcasting. Menu Language : Selects a language for the display text. Audio Language [In Digital mode Only] : Selects the desired language when [watching digital broadcasting containing several voice languages. 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.

OPTION Language PROGRAMME Setting PICTURE, SOUND Setting OPTION Advanced Function Information PICTURE AUDIO SETUP TIME SETTING OPTION 2 Language Zoom In Close LOCK OPTION INPUT MY MEDIA You can select the language of the menu displayed on the screen and the digital sound broadcasting. Menu Language : Selects a language for the display text. Audio Language [In Digital mode Only] : Selects the desired language when [watching digital broadcasting containing several voice languages. 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. User Guide Close 2 1 2 Zoom Out Close Shows the description of the selected menu. You can use to move between pages. h Zooms in or out the screen. User Guide 2 To use input device To set time options 3 PROGRAMME Setting PICTURE, SOUND Setting OPTION Advanced Function Information To set TV lock options To set language To set country Disabled Assistance 1 1 2 3 To set other options Allows to select the category you want. Allows to select the item you want.

You can use to move between pages. H Allows to browse the description of the function you want from the index. MAINTENANCE / TROUBLESHOOTING 21 MAINTENANCE Cleaning your TV Clean your TV regularly to keep the best performance and to extend the product lifespan. ENGLISH 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. yy Audio DTV supportato: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC Satellite dish Connection Wall Antenna Socket (Only satellite models) English Connect the TV to a wall antenna socket with an RF cable (75 Ω). NOTE yy Use a signal splitter to use more than 2 TVs. yy If the image quality is poor, install a signal amplifier properly to improve the image quality. yy If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction. yy An antenna cable and converter are not supplied. yy Supported DTV Audio: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC 13/18 V 700 mA Max Satellite Dish LNB IN Satellite English Connect the TV to a satellite dish to a satellite socket with a satellite RF cable (75 Ω).) DVD / Blu-Ray / PC HD Cable Box / HD STB (*Not Provided) HDMI (Only HDMI IN 1(PC)) 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.



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choose any HDMI input port to connect.

It does not matter which port you use. NOTE yy It is recommended to use the TV with the HDMI connection for the best image quality. Yy Use the latest High Speed HDMI Cable with CEC (Customer Electronics Control) function. Yy High Speed HDMI Cables are tested to carry an HD signal up to 1080p and higher. @@@@ to transmit an audio signal , connect an audio cable.

@@@@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. MAKING CONNECTIONS B-5 Composite Connection Audio Connection AUDIO IN (PC) AV IN 2 COMPONENT IN L/MONO WHITE (*Not Provided) VIDEO VCR / DVD / Blu-Ray / HD Cable Box YELLOW YELLOW L (MONO) RED (*Not Provided) OPTICAL AUDIO IN Digital Audio System WHITE AUDIO RED R 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. @@@@NOTE yy Do not look into the optical output port. Looking at the laser beam may damage your vision. @@This feature is not available in all countries. USB NOTE yy 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. AUDIO / VIDEO 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 as shown. For more information of external device 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-9 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 Operating Temperature Operating Humidity Storage Temperature Storage Humidity 0 °C to 40 °C Less than 80 % -20 °C to 60 °C Less than 85 % SPECIFICATIONS MODELS Dimensions With stand (mm) (W x H x D) Without stand (mm) Weight With stand (kg) Without stand (kg) MODELS Dimensions With stand (mm) (W x H x D) Without stand (mm) Weight With stand (kg) Without stand (kg) CI Module Size (W x H x D) Environment condition B-10 SPECIFICATIONS Satellite Digital TV1 Digital TV2 Television system DVB-T DVB-C DVB-S/S2 VHF, UHF C-Band, Ku-Band 6,000 DVB-T/T2 DVB-C VHF, UHF 1,800 Digital TV DVB-T DVB-C Analogue TV PAL/SECAM B/G/I/D/K, SECAM L/La 3 VHF: E2 to E12, UHF : E21 to E69, CATV: S1 to S20, HYPER: S21 to S47 Programme coverage Maximum number of storable programmes External antenna impedance 75 Ω 1 Only satellite models 2 Only DVB-T2 support models 3 Except for DVB-T2 support models HDMI/DVI-DTV supported mode Resolution 720x480 720x576 1280x720 Horizontal Frequency (kHz) 31. 94 60 Video output ports on DVD player Component port connecting information Component ports on the TV Y PB PR Y Y Y Y PB B-Y Cb Pb PR R-Y Cr Pr Signal 480i/576i 480p/576p 720p/1080i 1080p Component O O O (50 Hz / 60 Hz only) 1920x1080 HDMI/DVI-PC supported mode Resolution 640x350 720x400 640x480 800x600 1024x768 1360x768 1280x1024 1920x1080 Horizontal Frequency (kHz) 31.

If you have any inquiries or comments, please contact LG customer information centre. Customer Information Centre Country Service 0 810 144 131 015 200 255 0032 15 200 255 07001 54 54 810 555 810 Country Service 0900 543 5454 800 187 40 801 54 54 54 808 78 54 54 031 228 3542 0850 111 154 902 500 234 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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