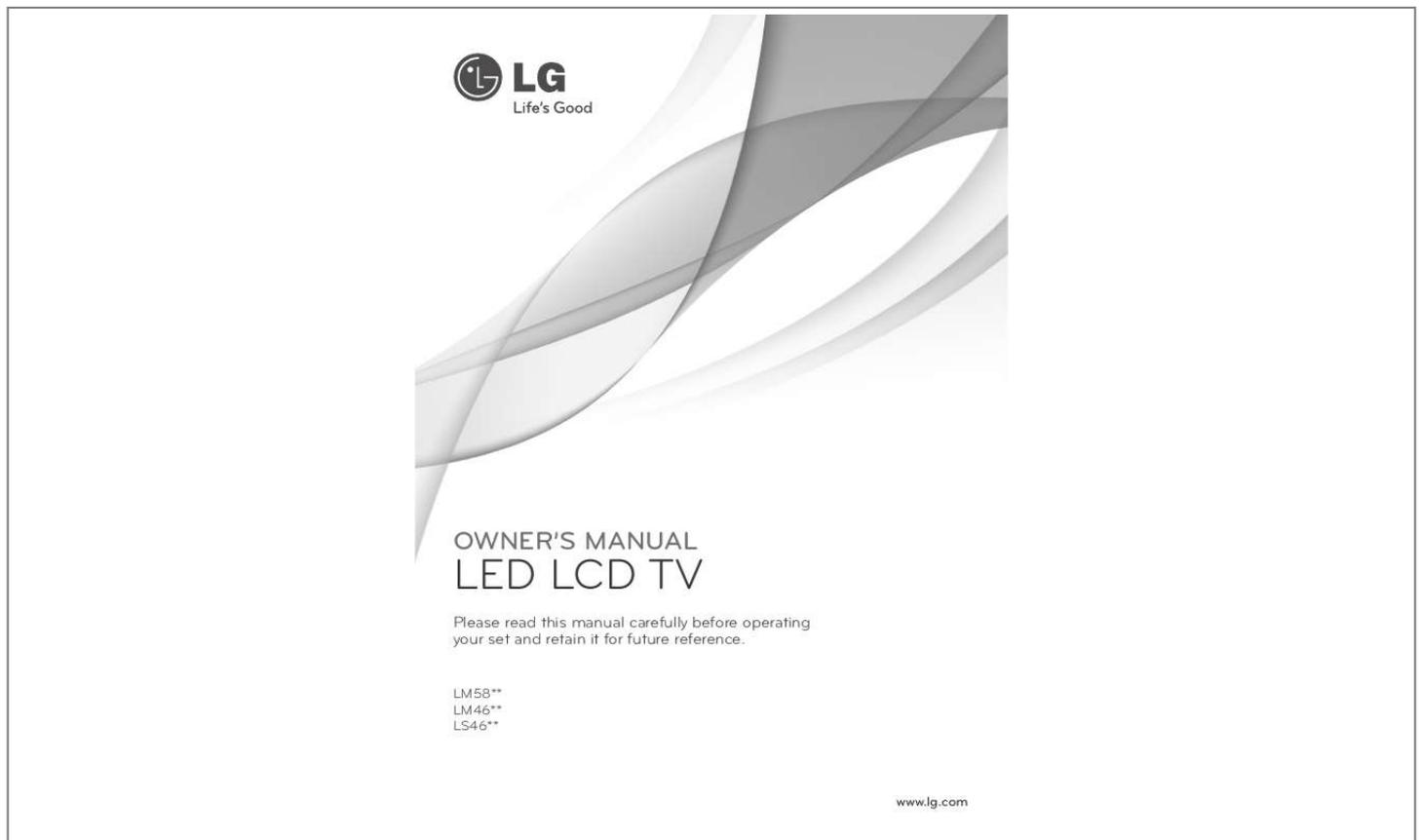# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for LG 42LS4600. You'll find the answers to all your questions on the LG 42LS4600 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual LG 42LS4600**
**User guide LG 42LS4600**
**Operating instructions LG 42LS4600**
**Instructions for use LG 42LS4600**
**Instruction manual LG 42LS4600**

LG
Life's Good

OWNER'S MANUAL
LED LCD TV

Please read this manual carefully before operating
your set and retain it for future reference.

LM58**
LM46**
LS46**

www.lg.com

You're reading an excerpt. Click here to read official LG 42LS4600
user guide
http://yourpdfguides.com/dref/4259388

*Manual abstract:*

*lg.com. Manufactured under license from Dolby Laboratories. @@@@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. Go to vod. divx.*

*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.*

*@@@@@@@Do yy not place the product where it might be exposed to dust. This may cause a fire hazard. Mains plug is the disconnecting device. The plug must remain readily operable. yy 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 the power cable to the grounded current. (Except for devices yy which are not grounded.) You may be electrocuted or injured. Fix yy the power cable completely. If the power cable is not fixed completely, a fire can 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 a TV it on the wall, make sure not to install TV by hanging power yy and signal cables on the back of the TV. It may cause fire, electric shock. SAFETY INSTRUCTIONS 5 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 packing anti-moisture material or vinyl packing out of the reach of yy 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 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 protect a child from eating them. yy In case that it eats them, take it to see a doctor immediately. Do yy not insert a conductor (like a metal chopstick) into one end of the power cable while the other end 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 yy not put or store inflammable substances near the product. There is a danger of explosion or fire due 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. Children must pay particular attention. Electrical shock, fire or injury can occur. 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 a impact shock or any objects to fall into the product, and do not drop onto the screen with something.*

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

*If yy you don't intend to use the product for a long time, unplug the power cable from the product. Covering dust can cause a fire, or insulation deterioration can cause electric leakage, electric shock or fire. Apparatus shall not be exposed to dripping or splashing and no objects filled with yy liquids, such as vases, shall be placed on the apparatus. ENGLISH ENG SAFETY INSTRUCTIONS 7 ENGLISH ENG CAUTION Install the product where no radio wave occurs. yy There should be enough distance between an outside antenna and power lines to yy keep the former from touching the latter even when the antenna falls. This may cause an electric shock. Do yy 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 yy 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 yy 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. yy When installing the antenna, consult a qualified service man. yy This may create a fire hazard or an electric shock hazard. We yy recommend that you maintain a distance of at least 5 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. yy This could cause damage to the remote control.*

*Do yy not mix new batteries with old batteries. This may cause the batteries to overheat and leak. Make sure there are no objects between the remote control and its sensor. yy Signal from the remote control may be disturbed by sun light or other strong light. yy In this case, darken the room. When connecting external devices such as video game consoles, make sure the yy connecting cables are long enough. Otherwise, the product may fall over, which may cause injury or damage the product.*

8 SAFETY INSTRUCTIONS Do yy 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 yy overheating. -y The distance between the product and the wall should be more than 10 cm. -y not install the product in a place with no ventilation (e.g., on a bookshelf or in Do a cupboard).

-y not install the product on a carpet or cushion. Do -y 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 yy periods as the ventilation openings may become hot. This does not affect the operation or performance of the product.

@@Prevent dust collecting on the power plug pins or outlet. yy This may cause a fire hazard. @@@@@@@@Doing so may produce some temporary distortion effects on the screen. @@Applying excessive force may cause scratches or discolouration. Do not spray with water or wipe with a wet cloth. @@@@@@When unplugging the cable, grab the plug and unplug it. @@When moving the product, make sure you turn the power off first. @@The TV set or power cord may be damaou feel fatigue from lack of sleep, overwork or drinking. y When these symptoms are experienced, stop using/watching 3D contents and get enough rest until the symptom subsides. - Consult your doctor when the symptoms persist.

Symptoms may include headache, eyeball pain, dizziness, nausea, palpitation, blurriness, discomfort, double image, visual inconvenience or fatigue. SAFETY INSTRUCTIONS 11 ENGLISH ENG CAUTION Viewing Environment y Viewing Distance - Maintain a distance of at least twice the screen diagonal length when watching 3D contents. If you feel discomfort in viewing 3D contents, move further away from the TV. Viewing Age y Infants/Children - Usage/ Viewing 3D contents for children under the age of 5 are prohibited. - Children under the age of 10 may overreact and become overly excited because their vision is in development (for example: trying to touch the screen or trying to jump into it. Special monitoring and extra attention is required for children watching 3D contents. - Children have greater binocular disparity of 3D presentations than adults because the distance between the eyes is shorter than one of adults. Therefore they will perceive more stereoscopic depth compared to adults for the same 3D image. y Teenagers - Teenagers under the age of 19 may react with sensitivity due to stimulation from light in 3D contents. Advise them to refrain from watching 3D contens for a long time when they are tired.

y Elderly - The elderly may perceive less 3D effect compared to the youth. Do not sit closer to the TV than the recommended distance. Cautions when using the 3D glasses y y y y y Make sure to use LG 3D glasses. Otherwise, you may not be able to view 3D videos properly. Do not use 3D glasses instead of your normal glasses, sunglasses or protective goggles.

Using modified 3D glasses may Leave a 10 cm (minimum) space from the wall for proper ventilation. 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. 20 20 ENGLISH ENG 10 cm 10 cm m 10 c 10 cm CAUTION y 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.

2 Connect the power cord to a wall outlet. CAUTION y 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. (Only 32/42/47LM58**, 47LM46**, 32/37/42/47LS46**) To secure the TV to a table, insert and tighten the supplied screw on the rear of the stand. WARNING y 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. 20 ASSEMBLING AND PREPARING Securing the TV to a wall (This feature is not available for all models.) ENGLISH ENG 1 2 3 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. 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. Connect the eye-bolts and wall brackets tightly with a sturdy rope. Make sure to keep the rope horizontal with the flat surface. CAUTION y Make sure that children do not climb on or hang on the TV. NOTE y Use a platform or cabinet that is strong and large enough to support the TV securely. y Brackets, bolts and ropes are not provided. You can obtain additional accessories from your local dealer. ASSEMBLING AND PREPARING 21 Mounting on a wall Attach an optional wall mount bracket at the rear of the TV carefully and install the wall mount bracket on a solid wall perpendicular to the floor. @@@@Otherwise electric shock may occur. @@@@@@y Use the screws and wall mounts that meet the VESA standard.

@@@@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. Make sure to use the proper length. @@@@@@@@Separate purchase (Wall Mounting Bracket) Model VESA (A x B) Standard screw Number of screws Wall mount bracket 32LM58** 32/37LS46** 200 x 200 M6 4 LSW200BX, LSW200BXG 42/47/55LM58** 47/55LM46** 42/47LS46** 400 x 400 M6 4 LSW400BX, LSW400BXG A B Wall Mount Inner Spacer 22 MAKING CONNECTIONS MAKING CONNECTIONS This section on MAKING CONNECTIONS mainly uses diagrams for the 32/42/47/55LM58** models.

Connect various external devices to the TV and switch input modes to select an external device. For more information of external device's connection, refer to the manual provided with each device. Available external devices are: HD receivers, DVD players, VCRs, audio systems, USB storage devices, PC, gaming devices, and other external devices. Antenna connection Connect the TV to a wall antenna socket with an RF cable (75 ). ENGLISH ENG ANTENNA / CABLE IN NOTE y The external device connection may differ from the model.

y Connect external devices to the TV regardless of the order of the TV port. y 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. y Refer to the external equipment's manual for operating instructions. y If you connect a gaming device to the TV, use the cable supplied with the gaming device. y 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. y In PC mode, some resolution settings may not work properly depending on the graphics card. NOTE y Use a signal splitter to use more than 2 TVs. y If the image quality is poor, install a signal amplifier properly to improve the image quality.

y If the image quality is poor with an antenna connected, try to realign the antenna in the correct direction. y An antenna cable and converter are not supplied. MAKING CONNECTIONS 23 HDMI connection 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. DVI to HDMI connection 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. To transmit an audio signal, connect an audio cable. Choose any HDMI input port to connect.

It does not matter which port you use. AUDIO IN (RGB/DVI) ENGLISH ENG / DVI IN 1 2 3 / DVI IN 1 2 (*Not Provided) (*Not Provided) HDMI DVD/ Blu-Ray / HD Cable Box / HD STB / PC NOTE y It is recommended to use the HDMI connection for the best image quality. y Use the latest High Speed HDMITM Cable with CEC (Customer Electronics Control) function. y High Speed HDMITM Cables are tested to carry an HD signal up to 1080p and higher. y DTV Audio supported Codec: MPEG, Dolby Digital, Dolby Digital Plus, HE-AAC y HDMI Audio supported format : Dolby Digital, PCM (Up to 192 KHz, 32k/44. 1k/48k /88k/96k/176k/192k) DTS Not supported DVI OUT AUDIO OUT DVD/ Blu-Ray / HD Cable Box / PC NOTE y Depending on the graphics card, DOS mode video may not work if a HDMI to DVI Cable is in use. 24 MAKING CONNECTIONS Component connection 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. Composite connection Transmits analog video and audio signals from an external device to the TV. Connect the external device and the TV with th e composite cable as shown.

COMPONENT IN COMPONENT IN ENGLISH ENG VIDEO 2 Y PB AV IN L/MONO AUDIO R 2 L R VIDEO Y PB AV IN L/MONO AUDIO R L R PR PR YELLOW RED WHITE 1 1 VIDEO AUDIO VIDEO AUDIO GREEN (*Not Provided) BLUE BLUE RED RED RED WHITE WHITE (*Not Provided) YELLOW L WHITE R RED RED DVD / Blu-Ray / HD Cable Box NOTE y If cables are installed incorrectly, it could case the image to display in black and white or with distorted colour. GREEN VIDEO R AUDIO L VIDEO AUDIO VCR / DVD / Blu-Ray / HD Cable Box MAKING CONNECTIONS 25 RGB-PC connection Transmits the video signal from PC to the TV. To transmit an audio signal, connect an audio cable. AUDIO IN (RGB/DVI) Audio connection You may use an optional external audio system instead of the built-in speaker. ENGLISH ENG NOTE y If you use an optional external audio device instead of the built-in speaker, set the TV speaker feature to off. RGB IN (PC) 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. (*Not Provided) OPTICAL DIGITAL AUDIO OUT RGB OUT (PC) AUDIO OUT PC (*Not Provided) USB connection Connect a USB storage device such as s USB flash memory, external hard drive or a USB memory card reader to the TV and access the My media menu to use various multimedia files. OPTICAL AUDIO IN Digital Audio System USB IN NOTE y Do not look into the optical output port. Looking at the laser beam may damage your vision.

@@Please read this manual carefully and use the TV correctly. @@@@@@Make sure to point the remote control toward the remote control sensor on the TV. RATIO INPUT ENERGY TV / RAD SAVING 1 4 7 LIST 2 5 8 0 FAV 3 6 9 Q.VIEW P MUTE 3D OPTION P A G E SETTINGS INFO Q.MENU Navigation buttons (up/down/left/right) Selects Radio, TV and DTV programme. Resizes an image. Changes the input source; Turns the TV on. Adjusts the brightness of the screen to reduce energy consumption. Accesses the saved programme list. Returns to the previously viewed programme.

Accesses your favourite programme list. Used for viewing 3D video. (Only 32/42/47/55LM58**, 47/55LM46**) Moves to the previous or next screen. Accesses the main menus. Accesses your favourite programme list.

Accesses the Quick menus. Used for viewing 3D video. (Only 32/42/47/55LM58**, 47/55LM46**) Scrolls through menus or options. Moves to the previous or next screen. Returns to the previous level.

Shows programme guide. Clears on-screen displays and return to TV viewing. These access special functions in some menus. ( : Red, : Green, : Yellow, : Blue) These buttons are used for teletext. Recalls your preferred subtitle in digital mode. Controls the MY MEDIA menus, or the SIMPLINK compatible devices (USB,SIMPLINK). Accesses the AV devices connected to the TV; Opens the SIMPLINK menu. @@Press the RED button to access the Customer Support menus. @@yy Menu Language : Selects a language for the display text. @@@@If subtitle data in a selected language is not broadcast, the default language subtitle will be displayed.

PROGRAMME Setting PICTURE, SOUND Setting OPTION Advabced Function Information PICTURE AUDIO SETUP TIME 2 Zoom In Close LOCK OPTION NETWORK MY MEDIA Press OK() to set your picture settings. Customer Support Exit SETTING OPTION Language You can select the language of the menu displayed on the screen and the digital sound broadcasting. yy Menu Language : Selects a language for the display text. yy Audio Language [In Digital Mode Only] : elect the desired language when watching digital broadcasting containg several voice languages. @@If subtitle data in a selected language is not broadcast, the default language subtitle will be displayed. Software Update Picture Test Sound Test Signal Test Product/Service Info. Network Test 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 use Energy Saving feature 3 PROGRAMME Setting PICTURE, SOUND Setting OPTION Advabced Function Information To set time options To set TV lock options To set language 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. 28 MAINTENANCE / TROUBLESHOOTING MAINTENANCE Cleaning your TV Clean your TV regularly to keep the best performance and to extend the product lifespan.

ENGLISH ENG CAUTION y Make sure to turn the power off and disconnect the power cord and all other cables first.
y 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 y To remove dust or light dirt, wipe the surface with a dry, clean, and soft cloth. y 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 y Avoid touching the screen at all times, as this may result in damage to the screen.
y 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. y Do not use any chemicals as this may damage the product. y 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 y Check the remote control sensor on the product and try again. y Check if there is any obstacle between the product and the remote control.

to , to ). y Check if the batteries are still working and properly installed ( y Check if the product is turned on. y Check if the power cord is connected to a wall outlet. y Check if there is a problem in the wall outlet by connecting other products. y Check the power control settings. The power supply may be interrupted. y Check if the Auto sleep feature is activated in the Time settings. y If there is no signal while the TV is on, the TV will turn off automatically after 15 minutes of inactivity. y Turn the TV off/on using the remote control. y Reconnect the RGB/HDMI cable.
y Restart the PC with the TV on. When connecting to the PC (RGB/ HDMI DVI), `No signal' or `Invalid Format' is displayed. SPECIFICATIONS 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. 32LM58** 32LM5800-TC 32LM580Y-TC With stand (mm) With stand (kg) Without stand (kg) Power requirement 746.
0 x 527.0 x 204.0 9.8 8.5 Without stand (mm) 746.
0 x 462.0 x 35.5 42LM58** 42LM5800-TC 42LM580Y-TC 979.0 x 660.0 x 269.0 979.0 x 594.0 x 35.5 15.6 13.

1 47LM58** 47LM5800-TC 47LM580Y-TC 1089.0 x 722.0 x 269.0 1089.0 x 655.0 x 35.5 18.1 15.6 ENGLISH ENG MODELS Dimensions (W x H x D) Weight AC 100-240 V~ 50 / 60 AC 100-240 V~ 50 / 60 AC 100-240 V~ 50 / 60 Hz Hz Hz 55LM58** 47LM46** 47LM4600-TB 47LM4650-TB 47LM4610-TC 55LM46** 55LM4600-TB 55LM4650-TB 55LM4610-TC MODELS Dimensions (W x H x D) Weight With stand (mm) With stand (kg) Without stand (kg) Power requirement 55LM5800-TC 55LM580Y-TC 1263.0 x 822.
0 x 315.0 1089.0 x 720.0 x 269.0 1263.
0 x 822.0 x 315.0 1089.0 x 655.0 x 35.
5 1263.0 x 754.0 x 35.5 17.4 14.9 25.5 21.9 25.5 21.9 Without stand (mm) 1263.

0 x 754.0 x 35.5 AC 100-240 V~ 50 / 60 AC 100-240 V~ 50 / 60 AC 100-240 V~ 50 / 60 Hz Hz Hz 32LS46** 32LS4600-TA 32LS460Y-TA 32LS4610-TC 746.0 x 528.0 x 204.0 37LS46** 37LS4600-TA 37LS460Y-TA 37LS4610-TC 856.0 x 590.0 x 204.0 856.0 x 524.
0 x 35.5 12.4 10.5 42LS46** 42LS4600-TA 42LS460Y-TA 42LS4610-TC 979.0 x 660.
0 x 269.0 979.0 x 593.0 x 35.5 15.
1 12.7 MODELS Dimensions (W x H x D) Weight With stand (mm) Without stand (mm) 746.0 x 462.0 x 35.5 9.7 With stand (kg) Without stand (kg) 8.2 Power requirement AC 100-240 V~ 50 / 60 AC 100-240 V~ 50 / 60 AC 100-240 V~ 50 / 60 Hz Hz Hz 47LS46** 47LS4600-TA 47LS460Y-TA 47LS4610-TC 1089.0 x 720.0 x 269.0 MODELS Dimensions (W x H x D) Weight With stand (mm) Without stand (mm) 1089.

0 x 655.0 x 35.5 17.4 With stand (kg) Without stand (kg) 14.9 AC 100-240 V~ 50 / 60 Hz Power requirement 30 SPECIFICATIONS Environment condition Operating temperature Operating humidity Storage temperature Storage humidity Digital TV 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 BG : VHF/UHF 1 to 69, CATV 01 to 47 I : VHF/UHF 1 to 69, CATV 01 to 47 DK : VHF/UHF 1 to 69, CATV 01 to 47 PAL B/B B/B : VHF/UHF 0 to 75, CATV : 2 to 44 PAL/SECAM-B/G/D/K, PAL-I, NTSC-M BG : VHF/UHF 1 to 69, CATV 01 to 47 I : VHF/UHF 1 to 69, CATV 01 to 47 DK : VHF/UHF 1 to 69, CATV 01 to 47 M : VHF/UHF 2 to 78, CATV 01 to 71 PAL/SECAM-B/G/D/K, PAL-I, NTSC-M BG : VHF/UHF 1 to 69, CATV 01 to 47 I : VHF/UHF 1 to 69, CATV 01 to 47 DK : VHF/UHF 1 to 69, CATV 01 to 47 M : VHF/UHF 2 to 78, CATV 01 to 71 PAL/SECAM-B/G/D/K, PAL-I, NTSC-M BG : VHF/UHF 1 to 69, CATV 01 to 47 I : VHF/UHF 1 to 69, CATV 01 to 47 DK : VHF/UHF 1 to 69, CATV 01 to 47 M : VHF/UHF 2 to 78, CATV 01 to 71 PAL/SECAM-B/G/D/K, PAL-I, NTSC-M BG : VHF/UHF 1 to 69, CATV 01 to 47 I : VHF/UHF 1 to 69, CATV 01 to 47 DK : VHF/UHF 1 to 69, CATV 01 to 47 M : VHF/UHF 2 to 78, CATV 01 to 71 PAL/SECAM-B/G/D/K, PAL-I, NTSC-M BG : VHF/UHF 1 to 69, CATV 01 to 47 I : VHF/UHF 1 to 69, CATV 01 to 47 DK : VHF/UHF 1 to 69, CATV 01 to 47 M : VHF/UHF 2 to 78, CATV 01 to 71 75 ENGLISH ENG New Zealand, Singapore Television System Programme Coverage DVB-T UHF 21 to 69 DVB-T VHF 06 to 12, UHF 27 to 69 DVB-T Australia Television System Programme Coverage Indonesia, Israel, Myanmar, Sri Lanka Television System Programme Coverage UHF 21 to 69 South Africa Television System Programme Coverage DVB-T VHF 4 to 11, 13 UHF 21 to 68 DVB-T VHF 6 to 12, UHF 21 to 69 DVB-T VHF 5 to 12, UHF 21 to 69 - Vietnam, Malaysia Television System Programme Coverage Iran, Algeria, Tunisia, Digital model Television System Programme Coverage Analogue model, India, Thailand, -- Television System Programme Coverage External Antenna Impedance 75 SPECIFICATIONS 31 HDMI/DVI-DTV supported mode Resolution 720x480 720x576 1280x720 Horizontal Frequency (kHz) 31.469 31.5 31.25 37.5 44.96 45 33.
72 33.75 28.125 26.97 27 33.75 56.
25 67.43 67.5 Vertical Frequency (Hz) 59.94 60 50 50 59.94 60 59.
94 60 50 23.97 24 30.00 50 59.94 60 Component port connecting information Component ports on the TV Video output ports on DVD player Y Y Y Y Signal 480i/576i 480p/576p 720p/1080i 1080p Component O O O O (50 Hz / 60 Hz only) PB PB B-Y Cb Pb PR PR R-Y Cr Pr ENGLISH ENG 1920x1080 3D supported mode Input HDMI Signal 720p Resolution 1280x720 Horizontal Frequency (kHz) 89.9 / 90 / 75 45 / 37.5 1080i 1080p 1920x1080 1920x1080 33.7 / 28.125 53.95 / 54 67.5 / 56.

3 27 33.7 RGB USB DLNA 1080p 1080p 1080p Signal DTV 720p, 1080i 1920x1080 1920x1080 1920x1080 66.587 33.75 33.75 Vertial Frequency (Hz) 59.94 / 60 / 50 60 / 50 60 / 50 23.98 / 24 60 / 50 24 30 59.93 30 30 Playable 3D video format Frame packing (720 60p) Side by Side(half), Top & Bottom Side by Side(half), Top & Bottom Frame packing (1080 24p) Side by Side, Top & Bottom, Single Frame Sequential Side by Side(half), Top & Bottom Side by Side(half), Top &Bottom Side by Side, Top & Bottom Side by Side, Top & Bottom, MPO(Photo) Side by Side, Top & Bottom, MPO(Photo) Playable 3D video format Side by Side, Top & Bottom Media contents and a player need to support HDMI 3D Frame Packing, HDMI 3D Side by Side, HDMI 3D Top & Bottom to play in 3D.