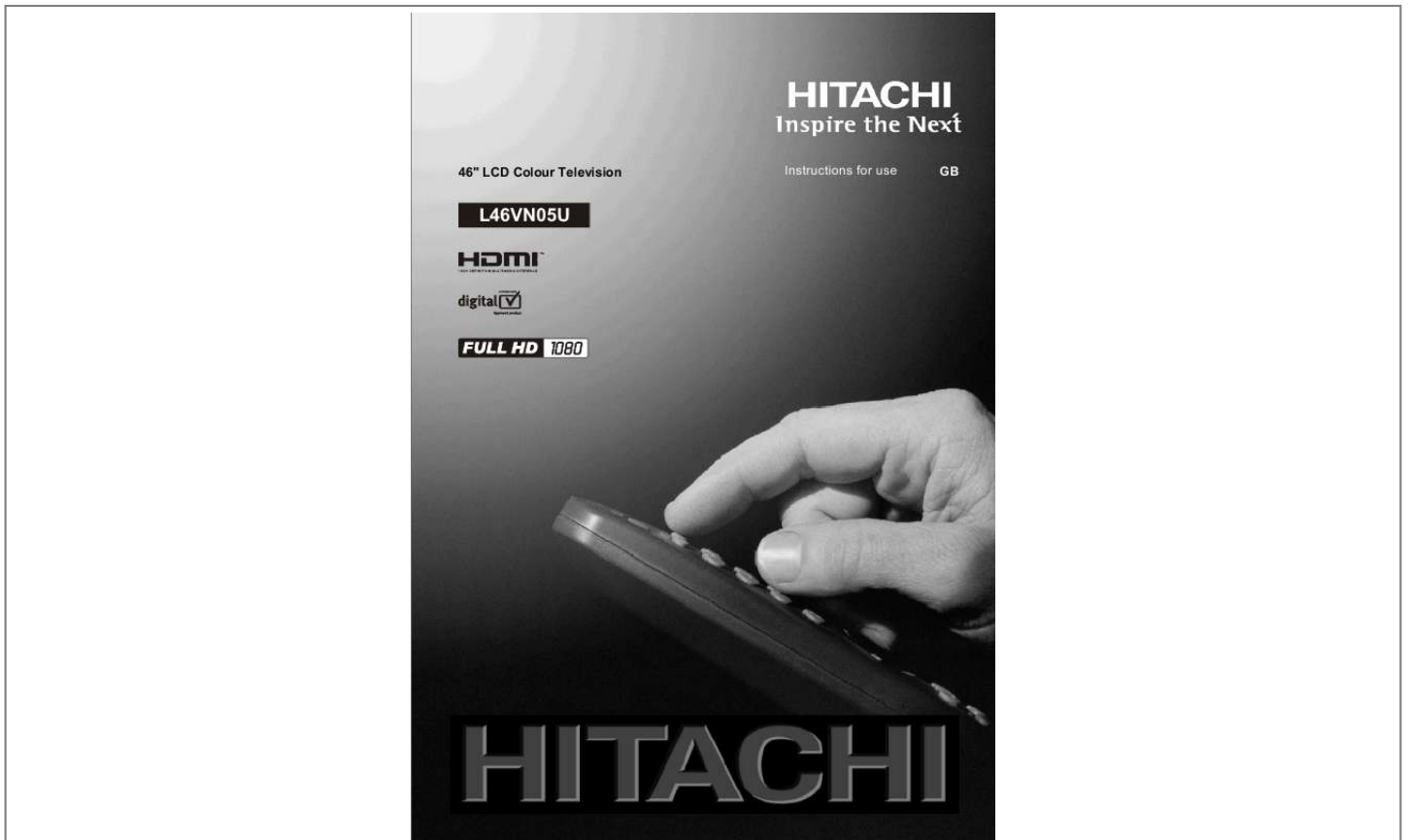




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You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI L46VN05U. You'll find the answers to all your questions on the HITACHI L46VN05U in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual HITACHI L46VN05U**  
**User guide HITACHI L46VN05U**  
**Operating instructions HITACHI L46VN05U**  
**Instructions for use HITACHI L46VN05U**  
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Observe the manufacturers instructions when connecting extension leads to the set. Check the fuse rating on the new plug; this should be fitted with a 5 Amp fuse which conforms to either ASTA or BSI (BS1362) approvals, these are or easily identifiable by either the symbols. If you are in any doubt about the installation of an extension lead, please consult a competent electrician. Cleaning Before cleaning, unplug the TV set from the wall outlet. Do not use liquid or aerosol cleaners.

Use soft and dry cloth. Ventilation The slots and openings on the TV set are intended for ventilation and to ensure reliable operation. To prevent overheating, these openings must not be blocked or covered in anyway. Heat and Flames The set should not be placed near to open flames and sources of intense heat such as an electric heater. Ensure that no open flame sources, such as lighted candles, are placed on top of the TV. Batteries should not be exposed to excessive heat such as sunshine, fire or the like. Warning Do not leave your TV in standby or operating mode when you leave your house. Lightning In case of storm and lightning or when going on holiday, disconnect the power cord from the wall outlet. English - 5 - Replacement Parts When replacement parts are required, make sure that the service technician has used replacement parts, which are specified by the manufacturer or have the same specifications as the original one. Unauthorized substitutions may result in fire, electrical shock or other hazards.

or more than 0.002% Cadmium or more than, 0.004% Lead. Headphone Volume Excessive sound pressure from earphones and headphones can cause hearing loss. Servicing Please refer all servicing to qualified personnel. Do not remove the cover yourself as this may result in an electric shock. Installation To prevent injury, this device must be securely attached to the wall in accordance with the installation instructions when mounted to the wall (if the option is available). Waste Disposal Instructions for waste disposal: · Packaging and packaging aids are recyclable and should principally be recycled. Packaging materials, such as foil bag, must be kept away from children. · Batteries, including those which are heavy metal-free, should not be disposed of with household waste.

Please dispose of used battery in an environmentally friendly manner. Find out about the legal regulations which apply in your area. · Cold cathode fluorescent lamp in LCD PANEL contains a small amount of mercury; please follow the local laws or regulations for disposal. LCD Screen The LCD panel is a very high technology product with about a million thin film transistors, giving you fine picture details. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green or red point.

Please note that this does not affect the performance of your product. Information for Users in European Union Countries The mark is in compliance with the Waste Electrical and Electronic Equipment Directive 2002/96/EC (WEEE). The mark indicates the requirement NOT to dispose the equipment including any spent or discarded batteries as unsorted municipal waste, but use the return and collection systems available. If the batteries or accumulators included with this equipment, display the chemical symbol Hg, Cd, or Pb, then it means that the battery has a heavy metal content of more than 0.0005% Mercury, English - 6 - Overview of the Remote Control 1.

Standby 2. Mono/Stereo - Dual I-II / Current Language (\*) (in DTV mode) 3. Expand (in TXT mode)/ Image size 4. Green / Picture Menu / Subtitle on-off (\*) (in DTV mode) 5. Red /Sound Menu / Channel List (\*) (in DTV mode) 6. Numeric buttons 7. Teletext / Mix / PAT Mode (in TXT mode) 8. Cursor Left 9. Menu 10. AV / Source 11.

Favourite Mode Selection (\*) (in DTV mode) 12. Volume Up 13. Info / Reveal (in TXT mode) 14. Mute 15. Volume Down 16. Programme Down / Page up (in DTV mode) 17. Electronic programme guide (in DTV mode) 18. Programme Up / Page down (in DTV mode) 19. Sleep Timer 20. Picture Mode Seleccion 21. Okay (Store) / Select / Hold (in TXT mode) 22. Cursor Down 23. Exit (in DTV mode) / Return / Index page (in TXT mode) 24. Cursor Right / Subpage (in TXT mode) 25. Cursor Up 26.

Previous programme 27. Yellow / Feature Menu / Current Language (\*) (in DTV mode) 28. Blue / Install Menu / Favourite Mode Selection (\*) (in DTV mode) 29. No function 30. Subtitle on-off (in DTV mode) / TXT subtitle (\*) For EU countries except UK.

English - 7 - LCD TV and Operating Buttons FRONT VIEW 1. Standby button 2. TV/AV button 3. Programme Up/ Down buttons 4. Volume Up/Down buttons Note: Press " " / " buttons at the same time to view main menu. REAR VIEW English - 8 - Viewing the Connections- Back Connectors 1. S/PDIF Digital Out outputs digital audio signals of the currently watched source. Use a digital optic cable to transfer audio signals to a device that has S/PDIF input. 2. Subwoofer Out is for connecting an external, active subwoofer to the set to give a much deeper bass effect.

Use an appropriate RCA cable to connect the set to a subwoofer unit. 3. Audio Line Outs output audio signals to an external device such as an optional sound system. To connect the external speakers to your TV, use AUDIO LINE OUTS of the TV with an audio cable. 4. SCART 2 inputs or outputs for external devices. 5. SCART 1 inputs or outputs for external devices. Connect the SCART cable between SCART sockets on TV and SCART socket on your external device (such as a decoder, a VCR or a DVD player). Note: If an external device is connected via the SCART sockets, the TV will automatically switch to AV mode.

If both sockets are employed at the same time, SCART 1 will override SCART 2 unless manually selected. Note: You should connect the decoder to EXT-1, if you are planning to watch a scrambled channel. The decoder might not function properly if you do not connect the decoder to the Scart 1 (Ext-1) socket. Note: Picture state can be affected by scart cable quality. 6.

Component Video Inputs (YPbPr) are used for connecting component video. You can connect the component video and audio sockets with a device that has component output. Connect the component video cables between the COMPONENT VIDEO INPUTS on on the TV and the component video outputs of your device. While connecting, be sure English - 9 - that the letters on your TV, "Y", "Pb", "Pr" correspond with your device's connectors. 7.

PC/YPbPr Audio Inputs are used for connecting audio signals of a PC or a device that connects to the TV via YPbPr. Connect the PC audio cable between the AUDIO INPUTS on the TV and audio output of your PC to enable PC audio. Connect the audio cable between AUDIO INPUTS on the TV and audio outputs of your device to enable component audio. 8. S/PDIF Coaxial Out outputs digital audio signals of the currently watched source. Use an SPDIF coaxial cable to trasfer audio signals to a device that has S/PDIF input.



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9. RF Input connects to an antenna or a cable. Note that if you use a decoder or a media recorder, you should connect the aerial cable through the device to the television with an appropriate antenna cable, as shown in the illustration in the following pages. 10.

PC Input is for connecting a personal computer to the TV set. Connect the PC cable between the PC INPUT on the TV and the PC output on your PC. 11. HDMI 3: HDMI Input 12. HDMI 2: HDMI Input 13. HDMI 1: HDMI Input HDMI Inputs are for connecting a device that has an HDMI socket. Your LCD Television is capable of displaying High Definition pictures from devices such as a High Definition Satellite Receiver or DVD Player. These devices must be connected via the HDMI sockets or Component Socket. No sound connection is needed for an HDMI to HDMI connection. English - 10 - Viewing the Connections - Side Connectors 1.

CI Slot is used for inserting a CI card. A CI card allows you to view all the channels that you subscribe to. For more information, see "Conditional Access" section. 2. Side USB input.

Note: Codec update cannot be performed. 3. Side HDMI Input is for connecting a device that has an HDMI socket. 4. Headphone jack is used for connecting an external headphone to the system.

Connect to the HEADPHONE jack to listen to the TV from headphones. 5. Video Input is used for connecting video signals of external devices. Connect the video cable between the VIDEO IN socket on the TV and the VIDEO OUT jack on your device. 6. Audio Inputs are used for connecting audio signals of external devices. Connect the audio cable between the AUDIO INPUTS on the TV and the AUDIO OUTPUT jacks on your device. Note: If you connect a device to the TV via the VIDEO INPUT, you should also connect your device with an audio cable to the AUDIO INPUTS of the TV to enable audio. 7. S-Video Input is used for connecting an S-Video signal (e.

g. from a camcorder or VCR). For using S-VIDEO input; connect the video cable between the S-VIDEO input on the TV and the S-Video output on your device. Connect the audio cable between the AUDIO INPUTS (indicated with letter C in the illustration) on the TV and the audio jacks on your device. 8. Standby switch is used for turning the TV on or off. English - 11 - Power Connection IMPORTANT: The TV set is designed to operate on 220-240V AC, 50 Hz. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the power cable to the mains socket outlet. Aerial Connection - Connect the aerial or cable TV plug to the AERIAL INPUT socket located at the rear of the TV.

REAR VIEW Using the Cable Holder You can use the supplied cable holder as the following: Place the cable holder into the cable holder hole located on the rear side of the TV as illustrated above. Place cables into the cable holder after all necessary connections are made. English - 12 - Using Digital Multimedia Connectors - You can connect USB devices to your TV by using the USB input of the TV. This feature allows you to display/play JPG and MP3 files stored in a USB stick. It is possible that certain types of USB devices (e.

g. MP3 Players) may not be compatible with this TV. You may back up your files before making any connections to the TV set in order to avoid any possible data loss. Note that manufacturer will not be responsible for any file damage or data loss. Do not pull out USB module while playing a file.

CAUTION: Quickly plugging and unplugging USB devices, is a very hazardous operation. Especially, do not repeatedly quickly plug and unplug the drive. This may cause physical damage to the USB player and especially the USB device itself. SIDE VIEW USB MEMORY USB Memory Connection - Plug your USB device to the USB input of the TV. Note: USB hard disk drives are not supported. If the plugged USB disk is not recognised, please reinsert the disk. It is recommended that you connect your USB device directly to the USB input of the TV. Some compatibility problems may occur if you use a separate cable connection. Side HDMI Connection You can use side HDMI input to connect a device that has an HDMI connector to your TV. Use an appropriate HDMI cable to make such a connection.

Note that you should switch to HDMI4 source to view the content from the connected device. Power off both the TV and the device before making any connections. Side HDMI Input supports connections between HDMI devices such as DVD players. You can use side HDMI input of the TV to connect to an external HDMI device. Use an HDMI cable to connect. HDMI DEVICE SIDE VIEW English - 13 - Connecting the LCD TV to a PC For displaying your computer's screen image on your LCD TV, you can connect your computer to the TV set. Power off both computer and display before making any connections. Use 15-pin D-sub display cable to connect a PC to the LCD TV. When the connection is made, switch to PC source. See "Input selection" section.

Set the resolution that suits your viewing requirements. Resolution information can be found in the appendix parts. REAR VIEW English - 14 - Connecting to a DVD Player If you want to connect a DVD player to your LCD TV, you can use connectors of the TV set. DVD players may have different connectors. Please refer to your DVD player's instruction book for additional information.

Power off both the TV and the device before making any connections. Note: Cables shown in the illustration are not supplied. If your DVD player has an HDMI socket, you can connect via HDMI. When you connect to DVD player as illustrated below, switch to HDMI source. See, "Input Selection" section. Most DVD players are connected through COMPONENT SOCKETS. Use a component video cable to connect video input. For enabling audio, use a component audio cable as illustrated below. When the connection is made, switch to YPbPr source. See, "Input selection" section. You may also connect through the SCART 1 or SCART 2. Use a SCART cable as shown below. Note: These three methods of connection perform the same function but in different levels of quality. It is not necessary to connect by all three methods. REAR VIEW English - 15 - Using Side AV Connectors You can connect a range of optional equipment to your LCD TV.

Possible connections are shown below. Note that cables shown in the illustration are not supplied. For connecting a camcorder, connect to the S-VIDEO or VIDEO IN socket and the AUDIO SOCKETS. Do not connect the camcorder to S-VIDEO and VIDEO IN socket at the same time since it can cause noise in the picture. For selecting the related source, see the section "Input selection" in the following parts. To listen the TV sound from headphones, connect to the HEADPHONE jack of the TV. SIDE VIEW English - 16 - Using Other Connectors You can connect a range of optional equipment to your LCD TV.



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Possible connections are shown below. Note that cables shown in the illustration are not supplied. · To connect external speakers, use an audio cable. Do not reverse the AUDIO LEFT and AUDIO RIGHT jacks. Turn on the LCD TV and external speaker set after all connections are made. Refer to your speaker set's manual for further queries. · For connecting a to a device that has SPDIF support, use an appropriate SPDIF cable to enable sound connection. REAR VIEW English - 17 - Connecting Other Equipment via Scart Most devices support SCART connection.

You can connect a; DVD recorder, a VCR or a decoder to your LCD TV by using the SCART sockets. Note that cables shown in the illustration are not supplied. Power off both the TV and the devices before making any connections. For more information, refer to your device's own instruction book. REAR VIEW English - 18 - Inserting Batteries in the Remote Control Handset · Remove the battery cover located on the back of the handset by gently pulling backwards from the indicated part.

· Insert two AAA/R3 or equivalent type batteries inside. Place the batteries in the right directions and replace the battery cover. Switching the TV On/Off To Switch the TV On · Connect the power cord to the 220-240V AC 50 Hz. · Switch the " " button to position "I" so the TV will switch to standby mode. Then the standby LED lights up. · To switch on the TV from standby mode either: · Press the " " button, P+ / P- or a numeric button on the remote control. · Press the -P/CH or P/CH+ button on the TV. The TV will then switch on. Note: If you switch on your TV via PROGRAMME UP/DOWN buttons on the remote control or on the TV set, the programme that you were watching last will be reselected. Note: Remove the battery from remote control handset when it is not to be used for a long period.

Otherwise it can be damaged due to any leakage of batteries. By either method the TV will switch on. Operating Range for the Remote Control · Point the top of the remote control toward the LCD TV's remote sensor LED while pressing a button. To Switch the TV Off · Switch the " " illustrated, ( " button to position 2 as ) so the TV will switch OFF. · To power down the TV completely, unplug the power cord from the mains socket. Note: When the TV is switched to standby mode, standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active. Remote range is approximately 7m/23ft. English - 19 - Input Selection Once you have connected external systems to your TV, you can switch to different input sources. · Press "SOURCE" button on your remote control for directly changing sources. or, · Select "Source" option from the main menu by using " " or " " button.

Use then " " or " " button to highlight an input and press " " button to select. Note: You can mark desired source options by pressing the OK button. Therefore, when "SOURCE" button is pressed, only the marked source options will be available (except for the TV source). AV Mode · Press the "TV/AV" button in the control panel on the TV to switch between AV modes. Operation with the Remote Control · The remote control of your TV is designed to control all the functions of the model you selected.

The functions will be described in accordance with the menu system of your TV. · Functions of the menu system are described in the following sections. Volume Setting · Press "V+" button to increase the volume. Press "V-" button to decrease the volume. A volume level scale (slider) will be displayed on the screen.

Programme Selection (Previous or Next Programme) · Press "P -" button to select the previous programme. · Press "P +" button to select the next programme. Programme Selection (Direct Access) · Press numeric buttons on the remote control to select programmes between 0 and 9. The TV will switch to the selected programme. To select programmes between 10 - 299 (for IDTV) or 10-199 (for analogue), press the numeric buttons consecutively (e.g. for programme 27, first press 2 and then 7). When the pressing time is due for the second numeric button, only the first digit programme will be displayed. The limit of the delay time is 3 seconds. · Press directly the programme number to reselect single digit programmes.

Basic Operations You can operate your TV using both the remote control and onset buttons. Operation with the Buttons on the TV Volume Setting · Press " " button to decrease volume or button to increase volume, so a volume level scale (slider) will be displayed on the screen. Programme Selection · Press "P/CH + " button to select the next programme or "P/CH -" button to select the previous programme. Viewing Main Menu "/ " buttons at the same · Press " " time to view main menu. In the Main menu select sub-menu using "P/CH -" or "P/CH +" buttons and enter the sub-menu using " " or " " buttons. To learn the usage of the menus, refer to the menu system sections. English - 20 - Initial Settings When the TV set is operated for the first time, the IDTV turns on first. Because this is the first time the TV is used, there are no channels stored in the memory. When the TV is turned on for the first time, the menu for the language selection appears on the screen. The message "Welcome please select your language!" is displayed in all language options sequentially in the OSD.

By pressing the " " or " " buttons highlight the language you want to set and press OK button and then, "First time installation" OSD will appear on the screen. · To select the "Yes" or "No" option, highlight the item by using " " or " " buttons and press the OK button. The IDTV will automatically tune to the UHF or VHF (\*\*For EU countries except UK) transmission channels, searching for digital terrestrial TV broadcasts and displaying the names of channels found. This process will take about a few minutes. To cancel searching, you can press the "MENU" button at any time during the process.

By pressing " " or " " buttons, select the country you want to set and press OK button. button (\*\* for EU countries). Note: Country selection OSD will not be available for UK. After Automatic Search is completed, the following message asking for analogue channel search appears on the screen: After then, the active antenna selection OSD appears on the screen: By pressing " " or " " buttons, set active antenna mode as on or off. To search for analogue channels, select "Yes".



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TV switches to the analogue TV mode. The menu below is displayed to search for analogue channels: If an active antenna is connected to your TV, you can select this option as On. Antenna power should be "Off" when standard antenna is used instead of the active antenna. See Configuration Menu in the following sections for more information. Press OK button on the remote control to continue and the following message will be displayed on the screen: To start installation process, select "Yes", to cancel select "No". Select your Country, Language and Text language by using " " or " " and " " or " " buttons. Press OK or RED button to continue. To cancel, press the BLUE button. English - 21 - For more information on this process, see "Install Menu" section.

Note: For proper functioning of digital teletext in DTV mode, you should set country as UK in analogue AUTO PROGRAM (for UK only).

General Operation Press the "SOURCE" button and select DTV/ USB from the list. The TV then switches to digital TV mode. Electronic Programme Guide (EPG) · Some, but not all, channels send information about the current and next events. · Please note that event information is updated automatically. If there is no event information data available in channels, EPG will be displayed with blanks. · Press EPG button to view the EPG menu. · Electronic Programme Guide appears on the screen. It is able to get Information of the channel - programs weekly by means of 7-DAYEPG. All programs of channels are displayed. The current program is highlighted and there is brief information about the programs of the channel, such as: name, short/extended event description, start & end time.

The time scale can be changed by pressing left or right buttons. If there is any event information data available, only programme names and dates are displayed. On the bottom of the screen; info bar, showing all the available commands, will be displayed. Information Banner · Whenever you change channel, using the P- / P+ button or the numeric buttons, the TV displays the broadcast picture along with an information banner at the bottom of the screen (available only in DTV mode). This will remain on the screen for a few seconds.

· The information banner can also be displayed at any time while watching TV by pressing the INFO button on the remote control: The information banner gives information on the channel selected and the programmes on it. The name of the channel is displayed, along with its channel list number. Hint: Not all channels broadcast the programme data. If the name and time of the programme are not available, then information banner will be displayed with blanks. ·

Icons are also displayed in the information banner and if this channel is a favourite channel, favourite channel icon will also be displayed.

If the selected channel is locked, you must enter the correct four numeric code to view the channel. "Enter PIN" will be displayed on the screen in such a case:

RED button (Shrink): makes the info boxes smaller. GREEN button (Expand): makes the info boxes larger. YELLOW button (Prev. Day): displays the programmes of previous day. BLUE button (Next day): displays the programmes of the next day. INFO (Details): displays the programmes in detail. English - 22 - Numeric buttons (Jump): go to preferred channel directly via numeric buttons. OK : views options for future programmes. : jumps to the current broadcast.

· Press "0" button to view Guide Search menu. Using this feature, you can search the programme guide database in accordance with the genre selected or with name match. Info available in the programme guide will be searched and results matching your criteria will be listed. You can select programmes or set timers by highlighting a channel and then pressing OK button. Note: Searching process can be performed by the desired date rate or by the channel basis. · The digital teletext information appears. · Operate it with the coloured buttons, cursor buttons and OK button. The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on digital teletext screen. · When Press "OK" button or similar message appears on the screen, press the OK button.

· When the TELETEXT ( ) button is pressed, the TV returns to television broadcasting. · With digital terrestrial broadcasting (DVB-T), in addition to digital teletext broadcasting together with the normal broadcasting, there are also channels with just digital teletext broadcasting. · The aspect ratio (picture shape) when watching a channel with just digital teletext broadcasting is the same as the aspect ratio of the picture viewed previously. · When you press the TELETEXT ( ) button again, the digital teletext screen will be displayed. Displaying Subtitles With digital terrestrial broadcasting (DVB-T), some programmes are broadcast with subtitles.

Subtitles can be displayed while watching these programmes. Note: You can enable subtitles by pressing the "SUBTITLE" button. Press the "MENU" button to display the main menu, highlight the Setup and then Language menu using " " or " " button and press the OK button to display the "Language settings" menu. Highlight the "Subtitle" item in "Language settings" menu and use " " or " " button to set Subtitle to the desired language. If "Subtitle" is on and a language option is set, pressing the TELETEXT ( ) button causes the following warning message display on the screen (\*for UK only): Analogue Teletext Use of teletext and its functions are identical to the analogue text system.

Please do refer to the "TELETEXT" explanations. Widescreen Depending on the type of the broadcast being transmitted, programmes can be viewed in a number of formats. Press the SCREEN button repeatedly to select between Auto, 16:9, 4:3, Panoramic, 14:9, Cinema, Zoom or Subtitle. When Auto is selected, the format being displayed is determined by the picture being broadcast. PLEASE NOTE: Menu size changes depending on the chosen image size. Digital Teletext (\*\* for UK only) With digital terrestrial broadcasting (DVB-T), in addition to pictures and sound, you can also view digital teletext. Digital teletext is sometimes broadcast at the same time with the normal broadcasting. · Press the TELETEXT ( ) button. English - 23 - IDTV Menu System The IDTV menu can only be viewed when watching digital terrestrial broadcasting. Press the TV/DTV button to turn IDTV on while the TV is in analogue mode.

Press the "MENU" button. The menu below appears on the screen: Navigating the Entire Channel List Press " " or " " button for selecting the previous or next channel.



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You can press P+ or P- button to move page up or page down. To watch a specific channel, highlight it using " " or " " button and then press "OK" button, while the "Select" item on Channel List menu is highlighted by using " " or " " button. Then the name and number of the selected channel will be displayed in the top-left and top-right of the channel display at the top-right of the screen, respectively. Moving the channels in the channel list · Press " " or " " buttons to select the channel that will be moved. · Press " " or " " buttons to select the "Move" item on Channel List menu. Following OSD will be displayed next to "OK" item to indicate that enter a number by using the numeric buttons on the remote control and press "OK" to confirm. Channel List Using the " " or " " button on the remote control, make sure that the first item, Channel List, is highlighted and press the OK button to display the Channel List. The following operations can be performed in this menu: · Navigating the entire list of channels · Deleting channels · Renaming channels · Adding locks to channels · Setting favourites · Moving channels Channel List is the place where the channels are managed.

Note: If you enter the same programme number of the channel that you want to move, ".... channel services will be replaced.

Do you want to continue?" OSD will be displayed. Press OK to confirm or select "No" to cancel. Deleting the Channels in the Channel List · Press " " or " " button to select the channel that will be deleted. English - 24 - · Press " " or " " button to select the "Delete" item on Channel List menu. As seen on Channel List menu, OK is displayed next to Delete item at the bottom of the screen to indicate that you must press the OK button to delete the highlighted channel in the channel list.

" " button toggles the current character, i.e., 'b' character becomes 'à' by " " and 'ç' by " ". Pressing the numeric buttons '0...9' replaces the highlighted character with the characters printed above the button one by one as the button is pressed. Press the "MENU" button to cancel the editing or OK button to save the new name. Adding Locks to Channels Channel locking provides a password-protected access to channels selected by parents. In order to lock a channel you should know the parental lock password (default value is set to 0000 in the factory and can only be changed from the Configuration menu).

Press the OK button to delete the highlighted channel in the channel list. Then the message below appears on the screen: Select the channel to be locked by highlighting it and select the Lock option by pressing " " or " " button. When the OK button is pressed, a dialog OSD asking for the password will be displayed. Press " " or " " button to highlight the desired option. If OK button is pressed while "Yes" is highlighted, the highlighted channel is deleted. Selecting "No" cancels the deletion. Renaming Channels To rename a specific channel, the channel must be highlighted by pressing " " or " " button. Then highlight the Edit Name item by pressing " " or " " button as illustrated below. Press the OK button to activate the rename feature. Enter the password by using the numeric buttons on the remote control.

The lock icon " " will now be displayed next to the selected channel. Repeat the same operation to cancel the lock. Setting Favourites You can set various channels as favourites so that only the favourite channels are navigated. To set a favourite you should highlight the "Favourites" item at the bottom of the Channel List menu. To set a favourite you should highlight the "Favourites" item at the bottom of the Channel List menu.

Then press OK button and Edit Favourite List menu appears on the screen. Now pressing " " or " " button moves to the previous/next character. Pressing " " or " " You can list your favourite channels using Favourite List. Channel list OSD will look like this: English - 25 - Timers How to Add a Channel to a Favourites List · By pressing " " or " " buttons, highlight the channel that you want to add to the favourite list. · By pressing OK button, the highlighted channel is added to the Favourite List.

F icon indicates that a channel is added to Favourite List. Removing a Channel from Favourite List · Highlight the channel that you want to remove from the favourite list and press OK button to remove. You can press OK button again to readd a channel. To activate Favourites, go to the Configuration menu and select Favourite mode. Use " " / " " to set Favourite mode as on. To cancel Favourites, set Favourite Mode to Off. On Screen Help For all menus, press the INFO button to display the help information about the menu functions. For Channel List menu the following message is displayed on the screen: To display timers window, activate the item from the main menu. To add a timer, press the YELLOW button on the remote control. Then "Add Timer" window appears.

Channel: " " or " " keys will navigate the user through the TV or Radio list. Date: Starting date is entered via the Left/Right or the numeric buttons. Start: Starting time is entered via the Left/Right or the numeric buttons. End: Ending time is entered via the Left/Right or the numeric buttons. Duration: Duration between Start and End time. Repeat: You can set a timer to be repeated as Once, Daily or Weekly. Change/Delete: permits or prohibits any modifications for other users. You can save the adjustments by pressing the GREEN key or cancel the process by pressing the RED button. You can edit the list via GREEN key and delete with the RED button. Conditional Access · Press the MENU button to display the main menu and use the " " or " " button to highlight the "Conditional Access" line and press the OK button: Program Guide This section is same with the instructions given in the General Operations page. Please see Electronic Programme Guide (EPG) section in the General Operations part. English - 26 - Some Digital Terrestrial channels operate on a Pay Per View basis. These require a subscription and a hardware decoder. Obtain the Conditional Access Module (CAM) and the viewing card by subscribing to a pay channel company, then insert those to the TV using the following procedure. · Switch off the TV and unplug from the mains. · Insert the CAM and then the viewing card to the slot that is located in the terminal cover at the left-hand side of the TV (from front view).



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The chosen language will be seen in subtitles. Note: If the Country option is set to Denmark, Sweden, Norway or Finland, the Language Settings menu will function as described below: Language Settings In the Setup menu, highlight the Language Settings item by pressing " " or " " buttons. Press OK and Language Settings submenu will be displayed on the screen: Use " " or " " buttons to highlight the menu item that will be adjusted and then press " " or " " button to set. Notes: Menu: shows the language of the system Preferred These settings will be used if available.

Otherwise the current settings will be used. · Audio: by pressing " " or " " keys change the audio language. · Subtitle: alter the subtitle language with " " or " " keys. The chosen language will be seen in subtitles. Movie Subtitle (optional) · In order to display subtitles properly, use this setting to select a movie subtitle language.

· By pressing " " or " " button, select the desired language option. · Guide: By pressing " " or " " buttons change the guide language. · System Language determines the on-screen menu language. · Audio Language is used for selecting the soundtrack of a channels. · Primary settings are the first priority when multiple choices are available on a broadcast.

Secondary settings are the alternatives when the first options are not available. Installation The Installation menu is mainly intended to help you for creating a Channel Table in the most efficient way. Select Installation from the Configuration menu by pressing " " or " " buttons. This menu includes the following items: · Automatic channel scan · Manual Channel Scan · Clear Service List (\*) · First Time Installation English - 30 - (\*) For Denmark, Sweden, Norway or Finland. Select your Country, Language and Text language by using " " or " " and " " or " " buttons. Press OK or RED button to continue. To cancel, press BLUE button. The following menu will be displayed during the automatic tuning: Automatic Channel Scan Automatic channel scan is started by pressing OK button while Automatic channel scan item is highlighted. The following message appears on the screen: After APS is finalized, the programme table will appear on the screen. In the programme table you will see the programme numbers and names assigned to the programmes.

If you do not accept the locations and/or the programme names, you can change them via the program table. Manual Channel Scan In manual channel scan, the number of the multiplex is entered manually and only that multiplex is searched for the channels. For every valid channel number, signal level and signal quality are shown on the screen. In both manual and auto search any existing channel in the database is not re-stored to avoid redundant duplicates of that channel. Clear Service List (\*) (\*) This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland. Use this setting to clear channels stored. Press " " or " " button to select Clear Service List and then press OK. The following OSD message will be displayed on the screen: Highlight Yes or No by using " " or " " buttons and press OK button to confirm. If Yes is selected, automatic search starts. Selecting No cancels automatic search.

After search is completed for digital channels, a message asking whether to search for analogue channels appears on the screen: Press the OK button to search for analogue channels. The following menu appears on the screen for analogue channel search: Press OK to cancel. Select Yes by pressing " " or " " button and press OK to delete all of the channels. First Time Installation The user can use this item to load default settings, which were loaded to the receiver at the factory. To install factory settings, highlight "First Time Installation" menu item and press OK button, then you will be asked whether or not to delete English - 31 - the settings.

Selecting "Yes" by pressing OK button while the "Yes" is highlighted will delete the existing channel table. Then you will be asked to confirm for deleting all channels and settings: By selecting Yes and pressing the OK button, the existing channel table will be deleted. After factory settings are loaded, "First Time Installation" menu will be displayed. The menu which is displayed for language selection appears on the screen at first. By using " " or " " buttons, select the desired language option, and press OK button to activate.

After then, "First time installation" OSD will appear on the screen. By pressing " " or " " buttons, select the Country you want to set and press OK button (\*For EU countries except UK). - Next, active antenna mode selection OSD will appear on the screen. Use " " or " " to set and press OK to continue. See the section, "Initial Settings" for more information. After active antenna mode option is selected, a message asking for automatic search appears on the screen: Select your Country, Language and TXT Language by using " " or " " and " " or " " buttons. Press OK or RED button to continue. To cancel, press BLUE button. The following menu will be displayed during the automatic tuning: After APS is finalized, the programme table will appear on the screen. In the programme table you will see the programme numbers and names assigned to the programmes.

If you do not accept the locations and/or the programme names, you can change them via the program table. Media Browser · To display Media Browser window, press either "MENU" button on the remote control and then select Media Browser by pressing " " or " " button. Press OK button to continue. Media Browser menu contents (depending on the contents of your USB drive) will be displayed. · Also, when you plug a USB device, the following screen will be displayed: Press the OK button to start installation. After search is completed for digital channels, a message asking whether to search for analogue channels appears on the screen: Press the OK button to search for analogue channels. The following menu appears on the screen for analogue channel search: Select YES by pressing " " or " " button and press OK button. Media browser will be displayed. English - 32 - Viewing JPG Files · You can play music, picture and video files from a USB memory stick. Note: If you plug USB stick while in analogue mode, the TV will automatically switch to digital TV mode. Note: Some USB compliant devices may not be supported. Note: If the USB stick is not recognized after power off/on or First Time Installation, first, plug the USB device out and power off/on the TV set.



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Plug the USB device in again. Note: Movie Sense and Pixellence features cannot be set while in Media Browser mode. Jump (Numeric buttons) : jump to selected file using the numeric buttons.

OK : views the selected picture in full screen. Play / Slideshow (Green button) : starts the slideshow with all pictures in the folder. Slideshow Options Playing MP3 Files Pause (Yellow button) : Pause the slideshow. Continue (Green button) : Continue with the slideshow. Previous/Next (Left/Right buttons) : Jump to previous or next file of slideshow.

Play This (OK button) : Plays the selected file. Play (Green button) : Plays all media files in the folder starting with the selected one. Pause (Yellow button) : Pause playing file. Stop (Red button) : Stop the playing file. Previous/Next (Left/Right buttons) : Jumps to previous or next file to play. Shuffle (INFO button) : Plays the files randomly. If shuffle mode is enabled, previous/next function will also jump to the tracks randomly. Loop (Blue button) : Plays the selected file repeatedly. Rotate (Up/Down buttons) : Rotate the picture using up/down buttons. RETURN (exit) : Back to file list.

Shuffle (Red button) : Shows the files randomly icon and continuous in current folder and turns the highlighted icon. If during a slideshow the shuffle mode is enabled, the next pictures will be chosen randomly (If the loop function is not enabled, the slideshow will stop at the end. If the loop function is enabled, after the slideshow ends, it will start again and again). Loop : Slideshow goes on continuously and icon turns the highlighted icon. Info : Activates the operations bar. English - 33 - Video Playback Play (Red button) : Starts the video playback. Stop (Blue button) : Stops the video playback. Pause (OK button) : Pause the video playback. Rewind (Cursor Left) : Goes backward. Forward (Cursor Right) : Goes forward.

Menu (Menu button) : Sets subtitle/Audio. · You can set subtitles by using OK button before starting the playback or by using MENU button during the playback. Press RETURN button to switch back to previous menu. Note: PIP/PAP mode is not available while in Media Browser mode. · To exit the menu or return from sub-menu screen, press "MENU".

Note: These explanations are valid for the navigation of the analogue TV menu system. To select options that are explained in the following parts, refer to "Navigating the Analogue TV Menu System". Analogue TV Menu System Picture Menu Mode For your viewing requirements, you can set the related mode option. Press " " or " " button to select Mode. Press " " or " " button to choose from one of these options: Cinema, Dynamic and Natural.

Brightness/Contrast/Colour/Sharpness/ Hue Press " " or " " button to select the desired option. Press " " or " " button to set the level. Note: Hue option can only be visible when the TV receives an NTSC signal. Navigating the Analogue TV Menu System Colour Temp Press " " or " " button to select Colour Temp. Press " " or " " to choose from one of these options: Cool, Normal and Warm. Note: · Press "MENU" to display the main menu. · Press " " or " " button to select an icon. · Use " " or " " button to highlight. · Press " " or " " buttons to change the settings. · Press " " for more options.

· Press OK to store. · Setting Cool option gives white colours a slight blue stress. · Setting Warm option gives white colours a slight red stress. · For normal colours, select Normal option. English - 34 - Noise Reduction If the broadcast signal is weak and the picture is noisy, use Noise Reduction setting to reduce the noise amount. Press " " or " " button to select Noise Reduction. Press " " or " " to choose from one of these options: Low, Medium, High or Off. Film Mode Films are recorded at a different number of frames per second to normal television programmes. Press " " or " " button to select Film Mode. Press " " or " " button to set this feature On or Off.

Turn this feature on when you are watching. films to see the fast motion scenes clearly. Game Mode Select Game Mode by pressing " " or " " button. Use " " or " " button to set Game Mode as On or Off. When Game Mode is set to On, specific game mode settings, which are optimized for better video quality, will be loaded.

Also; Picture Mode, Contrast, Brightness, Sharpness, Colour and Colour Temp settings will be invisible and disabled while Game Mode is on. Note: Picture mode selection button on the remote control will have no function while Game Mode is on. If the TV is switched to PIP/PAP mode, Game Mode setting will be disabled and be removed from the Picture menu. Store Press " " or " " button to select Store. Press " " or OK button to store the settings.

"Stored..." will be displayed on the screen. Sound Menu Volume Press " " or " " button to select Volume. Press " " or " " button to change the level of the Volume. Equalizer Press " " or " " button to select Equalizer. Press " " button to view equalizer menu. Picture Zoom Select Picture Zoom by pressing " " or " " button. Use " " or " " buttons, to change picture zoom to Auto, 16:9, 4:3, Panoramic, 14:9, Cinema, Subtitle or Zoom.

Reset Press " " or " " button to select Reset. Press " " or " " or OK button to reset the picture modes to factory default settings. Press " " or " " button to change the preset. In equalizer menu, the preset can be changed to Music, Movie, Speech, Flat, Classic and User. Select the desired frequency by pressing " " or " " button and increase or decrease the frequency gain by pressing " " or " " button. English - 35 - Press the "MENU" button to return to the previous menu. Note: Equalizer menu settings can be changed only when the Equalizer Mode is in User. Press " " or " " button to select Effect. Press " " or " " button to set as On or Off. Store Press " " or " " button to select Store.

Press " " or OK button to store the settings. "Stored..." will be displayed on the screen.

Balance This setting is used for emphasizing left or right speaker balance. Press " " or " " button to select Balance. Press " " or " " button to change the level of the balance. Balance level can be adjusted between -32 and + 32. Headphone Press " " or " " button to select Headphone.



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