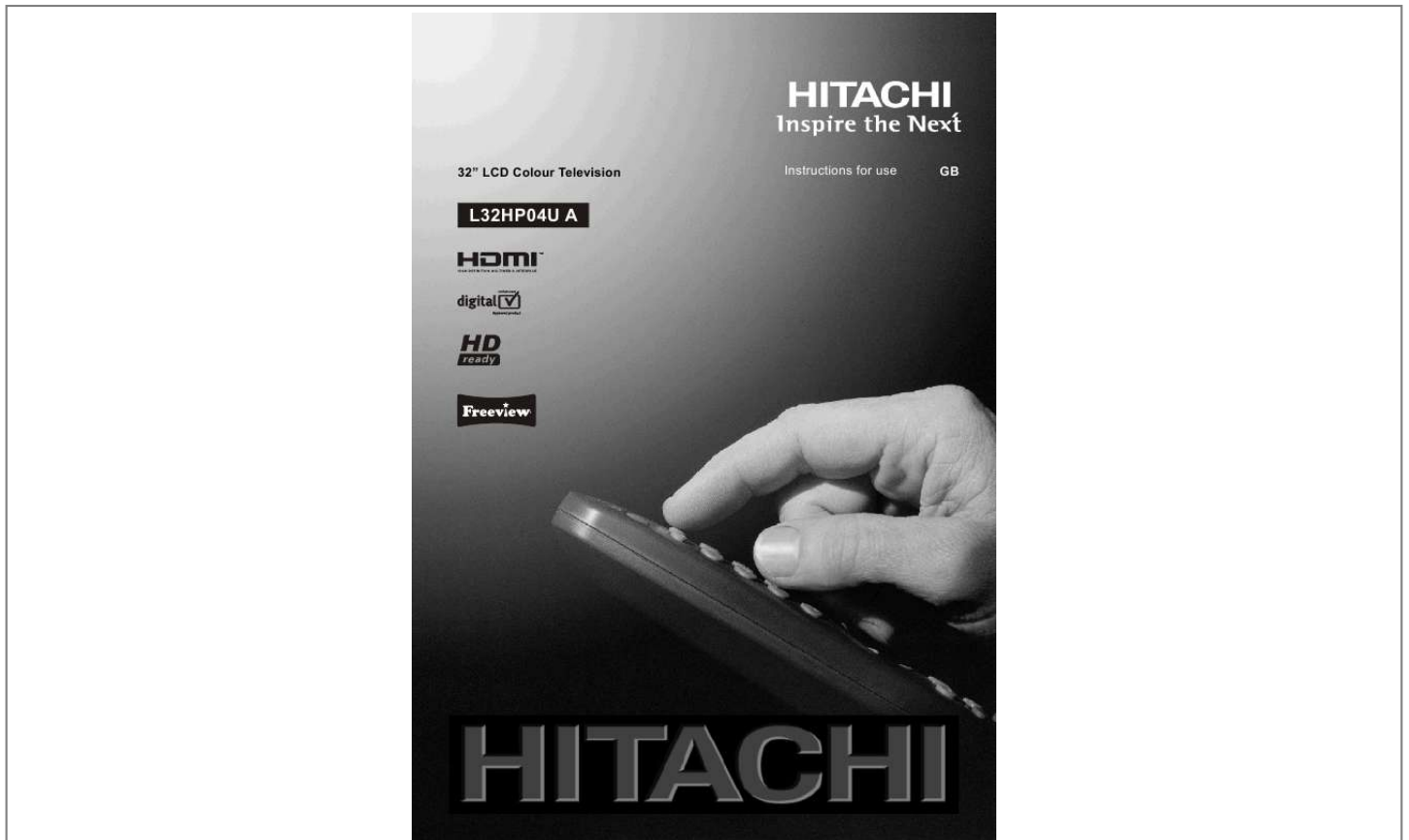




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You can read the recommendations in the user guide, the technical guide or the installation guide for HITACHI L32HP04U A. You'll find the answers to all your questions on the HITACHI L32HP04U A in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual HITACHI L32HP04U A**  
**User guide HITACHI L32HP04U A**  
**Operating instructions HITACHI L32HP04U A**  
**Instructions for use HITACHI L32HP04U A**  
**Instruction manual HITACHI L32HP04U A**



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.... 31 English - 1 - Accessories Introduction Thank you for choosing this product. This manual will guide you for the proper operation of your TV. Before operating the TV, please read this manual thoroughly. Batteries: 2 X AAA Please do keep this manual in a safe place for future references. Preparation Instruction Book For ventilation, leave a free space of at least 10 cm all around the set. To prevent any fault and unsafe situations, please do not place any objects on top of the set.

Use this device in moderate climates. Quick Guide Remote Controller Cable Holder Safety Precautions Please read the following recommended safety precautions carefully for your safety. **SOME DOS AND DON'TS ON THE SAFE USE OF EQUIPMENT** This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken if you are to obtain the best results and safety is to be assured. **\*\*\*\*\* DO read the operating instructions before you attempt to use the equipment. DO ensure that all electrical connections (including the mains**

plug, extension leads and inter-connections between the pieces of equipment) are properly made and in accordance with the manufacturer's instructions. Switch off and withdraw the mains plug before making or changing connections. DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment. DO be careful with glass panels or doors on equipment. DO route the mains lead so that it is not likely to be walked on, crushed, chafed, or subjected to excessive wear and tear or heat. \*\*\*\*\* Features · Remote controlled colour LCD TV. · Fully integrated digital TV (DVB-T). · HDMI connector for digital video and audio. This connection is also designed to accept high definition signals. · 200 programmes from VHF, UHF(analogue). · 500 programmes for digital mode (IDTV). · OSD menu system. · Scart socket for external devices (such as video, video games, audio set, etc.). · Stereo sound system. · Teletext, fastext, TOP text.

· Headphone connection. · Automatic programming system. · Forward or backward manual tuning. · Sleep timer. · Child lock. · Automatic sound mute when no transmission. · NTSC playback. · AVL (Automatic Volume Limiting). · When no valid signal is detected, after 5 minutes the TV switches automatically to standby mode. · PLL (Frequency Search).

· PC input. · Plug&Play for Windows 98,ME,2000,XP, Vista. · Game Mode. English - 2 - DON'T remove any fixed cover as this may expose dangerous voltages. DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment. DON'T allow electrical equipment to be exposed to dripping or splashing, or objects filled with liquids, such as vases, to be placed on the equipment. DON'T place hot objects or naked flame sources such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires. DON'T use makeshift stands and NEVER fix legs with wood screws - to ensure complete safety always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T use equipment such as personal stereos or radios so that you are distracted from the requirements of traffic safety. It is illegal to watch television whilst driving. DON'T listen to headphones at high volume, as such use can permanently damage your hearing. DON'T leave equipment switched on when it is unattended unless it is specifically stated that it is designed for unattended operation or has a stand-by mode. Switch off using the switch on the equipment and make sure that your family know how to do this. Special arrangements may need to be made for infirm or handicapped people. DON'T continue to operate the equipment if you are in any doubt about it working normally, or if it is damaged in any way - switch off, withdraw the mains plug and consult your dealer. Power Source The TV set should be operated only from a 220-240 V AC, 50 Hz outlet. Power Cord Do not place the set, a piece of furniture, etc. on the power cord (mains lead) or pinch the cord.

Handle the power cord by the plug. Do not unplug the appliance by pulling from the power cord and never touch the power cord with wet hands as this could cause a short circuit or electric shock. Never make a knot in the cord or tie it with other cords. The power cords should be placed in such a way that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electric shock. When it is damaged and needs to be replaced, it should be done by qualified personnel. This TV receiver is supplied with a moulded mains plug. The mains plug must not be cut off, as it may contain a special radio interference filter, the removal of which could lead to impaired performance.



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If you wish to extend the lead, obtain an appropriate safety approved extension lead or consult your dealer. 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 easily identifiable by either the or symbols. If you are in any doubt about the installation of an extension lead, please consult a competent electrician. Warning Do not leave your TV in standby or operating mode when you leave your house. Disconnecting the Device The mains plug is used to disconnect TV set from the mains and therefore it must remain readily operable. Moisture and Water Do not use this device in a humid and damp place (avoid the bathroom, the sink in the kitchen, and near the washing machine).

Do not expose this device to rain or water, as this may be dangerous and do not place objects filled with liquids, such as flower vases, on top. Avoid from dripping or splashing. If any solid object or liquid falls into the cabinet, unplug the TV and have it checked by qualified personnel before operating it any further. ABOVE ALL --- NEVER let anyone especially children push anything into holes, slots or any other opening in the case - this could result in a fatal electrical shock; --- NEVER guess or take chances with electrical equipment of any kind --- it is better to be safe than sorry! \*\*\*\*\* English - 3 - Cleaning Before cleaning, unplug the TV set from the wall outlet. Do not use liquid or aerosol cleaners.

Use soft and dry cloth level for home viewing. Note that some picture settings will be unavailable to be changed when the TV is in Power Save Mode. · When the TV is not in use, please switch off or remove the mains plug from the wall socket. This will also reduce energy consumption. · Also remove the mains plug from the wall socket when you are away from home for long period of time. · Please help us to save the environment by following these steps. English - 5 - Overview of the Remote Control 1. Standby 2. Cursor up 3. Cursor right 4.

6. Info Exit (in DTV mode) 5. Numeric buttons 7. Programme up / Page down (in DTV mode) 8. Volume up 9. TV / Digital TV 10. AV / Source 11. Yellow (Feature menu) / Current language (in DTV mode) (\*) 12. Blue (Install menu) 13. Hold (in TXT mode) / No function 14.

Update (in TXT mode) / No function 15. Index page / Electronic Programme Guide (in DTV mode) 16. Reveal (in TXT mode) / Switch from TV to PC 17. Expand (in TXT mode) / Image size 18. Mix (in TXT mode) / No function 19.

Teletext / PAT 20. Time / Subtitle on-off (in DTV mode) (\*\*) 21. Red (Sound menu) 22. Green (Picture menu) 23. Previous programme 24. Mono/Stereo - Dual I-II 25. Programme down / Page up (in DTV mode) 26. Volume down 27. Picture mode selection 28. OK / Select 29. Cursor down 30. Cursor left 31. Menu on/off 32. Mute (\*) Only available for EU country options. (\*\*) Only available for UK.

Remote range is approximately 7m/23ft English - 6 - LCD TV and Operating Buttons FRONT and REAR VIEW SIDE VIEW Control Buttons 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. Viewing the Connections- Back Connectors 1. SCART socket inputs or outputs for external devices. Connect the SCART cable between SCART socket 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 socket, the TV will automatically switch to AV mode. 2.

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. Please do not connect a device to YPbPr socket while using PC input. 3. S/PDIF Coaxial Out outputs digital audio signals of the currently watched source.

4. 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. 5. HDMI 2: HDMI input 6.

HDMI 1: HDMI input HDMI Input is 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. These sockets can accept either 480i, 480p, 576p, 576i, 720p, 1080i, 1080p signals. No sound connection is needed for an HDMI to HDMI connection. When you use the wall mount kit (optional) with the LCD TV, we would definitely recommend to plug all your cables into the back of the LCD before mounting to the wall. English - 7 - 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. 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 the TV and the component video outputs of your device. While connecting, be sure that the letters on your TV, "Y", "Pb", "Pr" correspond with your device's connectors. IMPORTANT: Please do not connect a device to PC socket while using YPbPr input. 3. 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. 4.

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. Also to enable YPbPr sound connection in such a case, use an appropriate audio cable between the connected device's audio outputs and the TV's audio inputs Note: If you connect a device to the TV via the VIDEO or YPbPr cable you should also connect your device with an audio cable to the AUDIO INPUTS of the TV to enable audio. 5. Headphone jack is used for connecting an external headphone to the system.

Connect to the HEADPHONE jack to listen to the TV from headphones. 6. , switch is used for turning the TV on or off. 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. English - 8 - 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.



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· 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. Use an audio cable between audio inputs of the TV (side) and audio output of your PC to enable sound connection. · 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.

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. To enable sound connection, use AUDIO IN located side of the TV (YPbPr cable is not supplied). · When the connection is made, switch to YPbPr source. See, "Input selection" section. · You may also connect through the SCART socket. Use a SCART cable as shown below. Note: These methods of connection perform the same function but in different levels of quality.

It is not necessary to connect by all three methods. Using the Cable Holder 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. 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. · If your DVD player has an HDMI socket, you can connect via HDMI. When you connect to DVD player English - 9 - 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 VIDEO IN socket and the AUDIO SOCKETS. 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 Inserting Batteries into 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. Observe the correct polarity (+/-) when inserting batteries and replace the battery cover. 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 socket. 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. 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. Switching the TV On/Off To Switch the TV On Connect the power cord to the 220-240V AC 50 Hz. " " button to position "1" so the TV · Switch the " " 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 " " or +/- 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. SCART By either method the TV will switch on. To Switch the TV Off · Switch the " " button to position 2 as illustrated, 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.

English - 10 - Input Selection Once you have connected external systems to your TV, you can switch to different input sources. button on your remote control · Press SOURCE/ 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 button is the OK button.

Therefore, when SOURCE/ pressed, only the marked source options will be available (except for the TV source). · Functions of the menu system are described in the following sections. Volume Setting · Press " " button to increase the volume. Press " " 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 10-500 (for IDTV) or 10-199 (for analogue), press the numeric buttons consecutively · Press directly the programme number to reselect single digit programmes Initial Settings 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. 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. By pressing the " " or " " buttons highlight the language you want to set and press OK button. 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). Programme Selection · Press "P/CH +" button to select the next programme or "P/ CH -" button to select the previous programme. Note: Country selection OSD will not be available for UK. Press OK button on the remote control to continue and the following message will be displayed on the screen: Viewing Main Menu · Press " / " " buttons at the same time to view main menu.



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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. 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. · 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. English - 11 - Electronic Programme Guide (EPG) · Some, but not all, channels send information about the current and next events. Press EPG button to view the EPG menu. EPG appears on the screen. It is able to get Information of the channel - programs weekly by means of 7-DAY-EPG. All programs of channels are displayed. On the bottom of the screen; info bar, showing all the available commands, will be displayed. After Automatic Search is completed, the following message asking for analogue channel search appears on the screen: To search for analogue channels, select "Yes". TV switches to the analogue TV mode. The menu is displayed to search for analogue channels. 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. 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 broadcasts only). Do not turn off the TV while initializing first time installation. 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. Numeric buttons (Jump): go to preferred channel directly via numeric buttons. OK : view for current broadcast/reminders for future programs.

P<P : jumps to the current broadcast. · Press "0" button on the remote control 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. General Operation Press the "SOURCE/ " button on the remote control and select DTV to switch the TV set to digital terrestrial television broadcasting. 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: Displaying Subtitles With digital terrestrial broadcasting (DVB-T), some programmes are being broadcasted with subtitles. Press the "M" 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 " " button causes the following warning message display on the screen (\*\* for UK only): 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: English - 12 - Digital Teletext (\*\* for UK only) · Press the " " button. · 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 "SELECT" button or similar message appears on the screen, press the OK button. · When the " " 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 " " button again, the digital teletext screen will be displayed.

IDTV Menu System Press the "M" button. Main menu will be displayed. 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. 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 " " button repeatedly to change screen format. When Auto is selected, the format being displayed is determined by the picture being broadcasted. PLEASE NOTE: Menu size changes depending on the chosen image size. Navigating the Entire Channel List Press " " or " " button for selecting the previous or next channel.

You can press "RED" or "GREEN" 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. Notice ! AC3 audio type is not supported. In this case, Tv sound will be muted.

If the broadcast includes AC3 stream, the following warning message will be displayed on the screen: Moving the channels in the channel list · Press " " or " " buttons to select the channel that will be moved.



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· 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. If there is no audio available, the following warning message will be displayed on the screen: English - 13 - Now pressing " " or " " button moves to the previous/ next character.

Pressing " " or " " button toggles the current character, i.e., 'b' character becomes 'à' by " " and 'è' 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 "M" button to cancel the editing or OK button to save the new name. Adding Locks to Channels 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. · Press " " or " " button to select the "Delete" item on Channel List menu. ·

Press the "OK" button to delete the highlighted channel in the channel list. Then the message below appears on the screen: 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).

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. Enter the password by using the numeric buttons on · 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.

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 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.

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. 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. English - 14 - · F icon indicates that a channel is added to Favourite List. You can edit the list via GREEN key and delete with the RED button. 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 re-add 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. Conditional Access · Press the "M" button to display the main menu and use the " " or " " button to highlight the "Conditional Access" line and press the "OK" button: 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. · The CAM should be correctly inserted, it is impossible to insert fully if reversed. The CAM or the TV terminal may be damaged if the CAM is forcefully inserted. · Connect the TV to the mains supply, switch on and then wait for few moments until the card is activated.

· Some CAMs may require the following set up. Please set the CAM by entering the IDTV menu, Conditional Access then pressing the "OK" button. @@@@To add a timer, press the YELLOW button on the remote control. Then "Add Timer" window appears. @@@@Duration: Duration between Start and End time.

Repeat: You can set a timer to be repeated as Once, Daily or Weekly. @@@@The digital TV Setup menu screen is accessed from the main menu. @@@@Note that this setting is inactive to be modified. Please ensure that the TV is set to standby ed. mode.

The TV automatically powers up at 3.00 A.M. @@@@Press OK button to enter the menu. A dialog box asking for the lock key will be displayed. The key is set to "0000" initially. Enter PIN. If it is incorrect, "Wrong Pin" OSD will be displayed. @@@@This setting is available only for EU countries. @@@@If the menu lock is disabled, there will be free access to the menu system.

Use " " or " " buttons to go to Menu Lock option. Use " " or " " buttons to choose Menu Lock Mode. DISABLED : All menus are unlocked. ALL MENUS : All Menus are accessible only with the correct lock key. So the user cannot add, delete, rename, channels, cannot set timers. INSTALLATION MENU: Installation menu is locked. So the user can't add channels. Changes will be updated after exiting 'Configuration Menu'. Channel List Use " " or " " buttons to go to Channel List option. Use " " or " " buttons to toggle Channel List Mode.

If you select "TV Only", with the " " or " " buttons, you navigate through only TV channels. If you select "Radio Only", with the " " or " " buttons, you navigate through only radio channels. If you select "Text Only", with the " " or " " buttons, you navigate through only text channels. Scan Encrypted Channel feature will always be ON after performing first time installation. When this setting is on, search process will locate the encrypted channels as well. If it is set as OFF manually, encrypted channels will not be located while in automatic search or manual search.



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Set PIN Use " " or " " buttons to go to "Set PIN" option. Press "OK" to display the "Set PIN" window. Use numeric buttons to enter new pin number you will need to input your new pin a second time for verification purposes. The factory default pin number is 0000, if Use " " or " " button to select Scan Encrypted and then press " " or " " button to set this setting as On or Off.

English - 16 - you change the pin number make sure you write it down and keep it safe. Relative Volume Using this option, the Audio Description volume level can be increased or decreased relatively, according to the general volume. Standby Search (optional) (\*) Time Settings (optional) In the configuration menu, highlight the Time Settings item by pressing " " or " " buttons. Press "OK" and Time Settings sub menu will be displayed on the screen. Current Time, Time Zone Setting and Time Zone will be available. Use " " or " " buttons to highlight the Time Zone Setting. Time Zone Setting is set using " " or " " buttons. It can be set to AUTO or MANUAL. When AUTO is selected, Current Time and Time Zone options will not be available to be set. If MANUAL option is selected as the Time Zone Setting, Time Zone can be altered: · By pressing " " or " " buttons select Time Zone.

Use " " or " " buttons to change the Time Zone between GMT-12 or GMT+12. Current Time on the top of the menu list will then change according to the selected Time Zone. (\*) This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland. Use " " or " " button to select Standby Search and then press " " or " " button to set this setting as On or Off. If you change Standby Search to Off, this function will be unavailable. To use Standby search please make sure that you select Standby Search as On. Language In this menu the user can adjust the preferred language. Language is changed by pressing "OK" button. Audio Description Audio description refers to an additional narration track for blind and visually impaired viewers of visual media, including television and movies. The description narrator talks through the presentation, describing what is happening on the screen during the natural pauses in the audio (and sometimes during dialogue, if deemed necessary).

You can use this feature, only if the broadcaster supports that additional narration track. Use " " or " " buttons to select an item. Then use " " or " " buttons to set. 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. Audio Description This function enables or disables the audio description feature by pressing the " " or " " buttons. Preferred Language By pressing the " " or " " buttons the preferred audio description language is being changed. This setting can be used, only if it is available. English - 17 - Current · Audio: if audio language is supported change the audio language by pressing " " or " " buttons · Subtitle: if subtitle is backed up, alter the subtitle language with " " or " " buttons. 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: 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: Language Settings 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: In the configuration 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: · 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. Press the "OK" button to search for analogue channels. The following menu appears on the screen for analogue channel search: 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: (\*) 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: 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.

English - 18 - 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 each 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. 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.

This process is same as described in Automatic Search section.. Analogue TV Menu System Picture Menu Clear Service List (\*) (\*) This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland.



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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: 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 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: 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. 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). Colour Temp Press " " or " " button to select Colour Temp. Press " " or " " to choose from one of these options: Cool, Normal and Warm. Note: · 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. 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.

English - 19 - 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. 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. 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.

Press the "M" button to return to the previous menu. Note: Equalizer menu settings can be changed only when the Equalizer Mode is in User. 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. Reset Press " " or " " button to select Reset. Press " " or " " or OK button to reset the picture modes to factory default settings. Sound Menu Headphone Press " " or " " button to select Headphone. Press " " button to view the headphone menu. Headphone sub-menu options are described below: Volume Press " " or " " button to select Volume. Press " " button to increase headphone volume level. Press " " button to decrease headphone volume level. Headphone volume level can be adjusted between 0 and 63. Sound Mode Volume Press " " or " " button to select Volume. Press " " or " " button to change the level of the Volume. Press " " or " " button to select Sound Mode. Using " " or " " button, you can select Mono, Stereo, Dual I or Dual II mode, only if the selected channel supports that mode. Equalizer Press " " or " " button to select Equalizer. Press " " button to view equalizer menu. AVL Automatic Volume Limiting (AVL) function adjusts the sound to obtain fixed output level between programmes (For instance, volume level of advertisements tend to be louder than programmes). Press " " or " " button to select AVL. Press " " or " " button to set the AVL as On or Off. English - 20 - Store Press " " or " " button to select Store.

Press " " or OK button to store the settings. "Stored..." will be displayed on the screen. By pressing " " or " " button, select Blue Background. Press " " or " " button to set Blue Background as On or Off. Menu Background Press " " or " " button to select Menu Background. You can set menu background level by pressing " " or " " button. Feature Menu Power Save Mode Use " " or " " button to select Power Save Mode.

Press " " or " " button to set Power Save Mode as On or Off. See the section, "Environmental Information" in this manual for further information on Power Save Mode. Note : Backlight function will be invisible if Power Save Mode is set to on. Backlight Sleep Timer Press " " or " " button to select Sleep Timer. Use " " or " " button to set the Sleep Timer.

The timer can be programmed between Off and 120 minutes in steps of 10 minutes. If Sleep Timer is activated, at the end of the selected time, the TV goes automatically to standby mode. This setting controls the backlight level.



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Select Backlight by pressing " " or " " button. Press " " or " " button to set Backlight to Auto, Medium, Maximum or Minimum.

Menu Timeout To set a specific display timeout for menu screens, set a value for this option. Press " " or " " button to select Menu Timeout. Use " " or " " button to change menu timeout to 15 sec, 30 sec or 60 sec. Child Lock Press " " or " " button to select Child Lock. Use " " or " " button to set the Child Lock On or Off. When On is selected, the TV can only be controlled by the remote control handset. In this case the control panel buttons will not work. Hence, if one of those buttons is pressed, Child Lock On will be displayed on the screen when the menu screen is not visible. Teletext Language Press " " or " " button to select Teletext Language. Use " " or " " button to change Teletext Language to West, East, Turk/Gre, Cyrillic, Arabic or Persian.

HDMI PC Full Mode (optional) If you want to view PC screen in HDMI mode by using external connection, HDMI PC FULL MODE option should be On to adjust the screen ratio correctly. This item might be inactive in some resolutions. Note: If you connect an HDMI device and switch the TV to HDMI mode, this feature will be visible (except for 1080i/1080P resolution). Language Press " " or " " button to select Language. Use " " or " " button to select the Language.

Default Zoom While zoom mode is set as AUTO, the TV will set the zoom mode in accordance with the signal of the broadcast. If there is no WSS or aspect ratio information, the TV will then use this setting to adopt. Press " " or " " button to select Default Zoom. You can set Default Zoom to Panoramic, 16:9, 4:3 or 14:9 by pressing " " or " " button. Full Mode (optional) If you connect a device via HDMI or YPbPr connectors and set 1080i/1080P resolutions, Full Mode item will be visible.

You can set Full Mode as 1:1 or Normal by using " " or " ". If you select 1:1, screen ratio will be adjusted correctly. If you set Normal, screen ratio may expand. Blue Background If the signal is weak or absent, the TV will automatically change to a blue screen. To enable this, set Blue Background to On. Ext Out Press " " or " " button to select Ext Out. Use " " or " " button to set the Ext Out as On or Off. English - 21 - Note: For copying from a DVD or VCR device, you should choose desired source from source menu and turn "On" to EXT Out from feature menu. Ext Out should be On in order to use Timers function in the DTV mode. Store Press " " or " " button to select Store.

Press " " or OK button to store the settings. "Stored..." will be displayed on the screen. Install Menu in AV Modes The following screen appears in the install menu when the TV is in AV modes. Note that limited options will be available. Switch to TV mode for viewing complete version of the Install menu. Install Menu Program Press " " or " " button to select Program. Use " " or " " button to select the program number.

You can also enter a number using the numeric buttons on the remote control. There are 200 programme storage between 0 and 199. Colour System Press " " or " " button to select Colour System. Use " " or " " button to change the colour system to PAL, SECAM, PAL60, AUTO, NTSC 4,43 or NTSC 3,58. Band Band can be selected either C or S. Press " " or " " button to set Band. Store Press " " or " " button to select Store Program. Press " " or "OK" button to store the settings. "Stored..

" will be displayed on the screen. Channel Channel can be changed by " " or " " button or numeric buttons. Program Table Select Program Table by pressing " " or " " button. Press " " to display Program Table: Colour System Press " " or " " button to select Colour System.

Use " " or " " button to change the colour system to PAL, PAL 60, SECAM or AUTO. Sound System Press " " or " " button to select Sound System. Press " " or " " button to change the sound system to BG,DK, I, L or L'. Fine Tune Press " " or " " button to select Fine Tune. Press " " or " " button to adjust the tuning.

Search Press " " or " " button to select Search. Use " " or " " button to start programme searching. You can also enter the desired frequency using the numeric buttons while Search item is highlighted. By moving the cursor in four directions you can reach 20 programmes in the same page. You can scroll the pages up or down by pressing the navigation buttons to see all the programmes in TV mode (except for the English - 22 - AV modes). By cursor action, programme selection is done automatically. Source Menu Press " " or " " button and select the sixth icon. Then press " " or "OK" button. Source menu appears on the screen: Name To change the name of a programme, select the programme and press the RED button. The first letter of the selected name will be highlighted.

Press " " or " " button to change that letter and " " or " " button to select the other letters. By pressing the RED button, you can store the name. Move Select the programme which you want to move by navigation buttons. Press the GREEN button. By navigation buttons move the selected programme to the decided programme space and press the GREEN button again. Delete To delete a programme, press the YELLOW button. Pressing the YELLOW button again erases the selected programme from the programme list, and the following programmes shift one line up. In source menu, highlight a source by pressing " " or " " button and switch to that mode by pressing " " button. Source options are; TV, DTV, EXT-1, FAV, HDMI-1, HDMI-2, YPbPr and PC-VGA. Note: Once you have connected optional equipment systems to your TV, you should select the required input to view pictures from that source.

APS (Auto Programming System) When you press the BLUE button for starting automatic tuning, Auto Programming System menu will appear on the screen: PC Mode Menu System See "Connecting the LCD TV to a PC" section for connecting a PC to the TV set. For switching to PC source, press "SOURCE" button on your remote control and select PC input. You can also use "Source" menu to switch to PC mode. Note that PC mode menu settings are available only while the TV is in PC source.



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*PC Position Menu Select the first icon by pressing " " or " " button.*

*PC Position menu appears on the screen: Press " " or " " button to select your country. If you want to exit from A.P.S. function, press the BLUE button. When you press OK or RED button for starting automatic tuning, all stored programmes will be erased and the TV will search for available channels. During the search, the following OSD will be displayed: Whenever you press the BLUE button, APS function stops and Program Table appears on the screen. If you wait until the end of APS, Program Table will be displayed with the programmes found and located. Autoposition If you shift the picture horizontally or vertically to an unwanted position, use this item to put the picture English - 23 - into correct place automatically. This setting therefore automatically optimizes the display. Select Autoposition item by using " " or " " buttons. Press "OK" or " ", " " button. Warning: Please ensure auto adjustment is performed with a full screen image to ensure best results. Mute Function Press " " button to disable sound. Mute indicator will be displayed in the upper side of the screen.*

*To cancel mute, there are two alternatives; the first one is pressing the " " button and the second one is increasing the volume level. H (Horizontal) Position This item shifts the image horizontally to right hand side or left hand side of the screen. Select H Position item by using " " or " " button. Use " " or " " button to adjust the value. Picture Mode Selection By pressing PP button, you can change Picture Mode settings in accordance with your viewing requirements.*

*Available options are Dynamic, Natural and Cinema. Note: This feature cannot be set while in PC mode. V (Vertical) Position This item shifts the image vertically towards the top or bottom of the screen. Select V Position item by using " " or " " button. Use " " or " " button to adjust the value. Freezing Picture You can freeze the picture on the screen by pressing the "OK" button on the remote control. Press the "OK" button to freeze picture. Press again to quit freeze mode. Note: This feature will not be available while in PC mode or watched movie from DVI source . Phase Depending on the resolution and scan frequency that you input to the TV set, you may see a hazy or noisy picture on the screen.*

*In such a case you can use this item to get a clear picture by trial and error method. Select Phase item by using " " or " " buttons. Use " " or " " button to adjust the value. Zoom Modes You can change the aspect ratio (image size) of the TV for viewing the picture in different zoom modes. Press mode. Note: In YPbPr and HDMI modes, while in 720p-1080i resolutions, only 16:9 mode is available. Zoom mode cannot be changed while in PC mode. Dot Clock Dot Clock adjustments correct the interference that appear as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts. Select Dot Clock item by using " " or " " buttons. Use " " or " " button to adjust the value. button to directly change the zoom Available zoom modes are listed below. PC Picture Menu For adjusting PC picture items, do the following: Press " " or " " button to select the second icon. PC Picture menu appears on the screen. Brightness, Contrast, Colour and Colour Temperature settings in this menu are identical to settings defined in TV picture menu under "Analogue TV Menu System". Note: If you set Colour Temp as User, you can define R, G, B settings manually.*

*Sound, Feature and Source settings are identical to the settings explained in Analog Tv menu system. Auto When a WSS (Wide Screen Signalling) signal, which shows the aspect ratio of the picture, is included in the broadcast signal or the signal from an external device, the TV automatically changes the ZOOM mode according to the WSS signal. . When the AUTO mode does not function correctly due to poor WSS signal quality or when you want to change the ZOOM mode, change to another ZOOM mode manually. 16:9 This uniformly stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the wide TV screen Displaying TV Information Programme Number, Programme Name, Sound Indicator and Zoom Mode information is displayed on the screen when a new programme is entered or "INFO" button is pressed. . For 16:9 aspect ratio pictures that have been squeezed into a normal picture (4:3 aspect ratio), English - 24 - use the 16:9 mode to restore the picture to its original shape. Teletext Teletext system transmits information such as news, sports and weather on your TV. Note that if the signal degrades, for example in poor/adverse weather conditions, some text errors may occur or the teletext mode may be aborted.*

*Teletext function buttons are listed below: 4:3 Use to view a normal picture (4:3 aspect ratio) as this is its original size. " " Teletext On-Off / PAT Mode Panoramic This stretches the left and right sides of a normal picture (4:3 aspect ratio) to fill the screen, without making the picture appear unnatural. The top and bottom of the picture are slightly cut off. Activates teletext mode when pressed once. Pressing this button again will split the screen into two windows, one displaying the teletext and the other displaying the current channel. Pressing again will quit the teletext mode. " " " Index " Mix " Expand Selects the teletext index page.*

*14:9 This zooms up the wide picture (14:9 aspect ratio) to the upper and lower limits of the screen. Places the teletext screen over the programme. Press once to enlarge top half of the page, press again to enlarge the bottom half of the page. Press again to revert back to normal size. Cinema This zooms up the wide picture (16:9 aspect ratio) to the full screen.*

*" " " Reveal " Hold Shows hidden information (e.g. solutions of games). Holds a text page when convenient. Press again to resume. " " Subcode Pages / Time Subtitle This zooms up the wide picture (16:9 aspect ratio) with subtitles to the full screen. Selects subcode pages if available when the teletext is activated. When the teletext is not activated, displays time info if the programme has teletext transmission. P+ / P- and numbers (0-9) Press to select a page. Zoom This option zooms to the picture.*

*Note: You can shift to screen up or down by pressing " " / " " buttons while picture zoom is selected as panoromic, 14:9, Cinema or Subtitle. Note: Most TV stations use code 100 for their index pages.*



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