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You can read the recommendations in the user guide, the technical guide or the installation guide for TOSHIBA TL838. You'll find the answers to all your questions on the TOSHIBA TL838 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual TOSHIBA TL838
User guide TOSHIBA TL838
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Instruction manual TOSHIBA TL838

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**TL83* Digital
Series**



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....71 3 *INSTALLING YOUR TV ENSTALLING YOUR TV* English Installation and important information Where to install Locate the television away from direct sunlight and strong lights.

Soft, indirect lighting is recommended for Fixing strap comfortable viewing. Use curtains or blinds to prevent direct sunlight falling on the screen. @@In order to preg in 3D may cause dizziness and/or disorientation for some viewers. @@@@. When viewing 3D images, always wear 3D glasses. Watching 3D images without 3D glasses may cause eye strain. Use specified 3D glasses. @@If you watch while lying down or with the glasses tilted, the 3D effect is lost and it may cause eye strain. · It is recommended that the viewer's eyes and 3D glasses are level with the screen. · If you have prescription eye glasses or contact lenses, wear the 3D glasses over them. Watching 3D images without appropriate eyewear may cause eye strain.

· If 3D images often appear in double or if you cannot see the images in 3D, stop viewing. Continuous viewing may cause eye strain. · Due to the possible impact on vision development, viewers of 3D video images should be age 6 or above. Children and teenagers may be more susceptible to health issues associated with viewing in 3D and should be closely supervised to avoid prolonged viewing without rest. · Watching TV while sitting too close to the screen for an extended period of time may cause eye strain. The ideal viewing distance should be at least three times the screen height. Notes on IR communication · Do not block the IR sensor for 3D glasses on the TV by placing objects in front of it. · Do not cover the IR sensor on the 3D glasses with stickers or labels. · Keep the IR sensor on the 3D glasses clean. · The use of 3D glasses could interfere with other IR communication devices.

Other IR communication devices may cause the 3D glasses not to work correctly. Use the TV and 3D glasses in a place where they will not interfere with

other devices or products. Notes on watching the TV · 3D effect and image quality may vary depending upon content quality and display device capability/ functionality/settings. · If you use any device, such as a mobile phone or mobile wireless device, near the 3D glasses, the 3D glasses may not work correctly. ·

Use the product in the following temperature range; otherwise, the quality of the 3D image or the reliability of the product cannot be guaranteed.

- 3D glasses: 0°C - 40°C (32°F - 104°F) - TV: 0°C - 35°C (32°F - 95°F) · If you use a fluorescent light, it may flicker depending on the frequency of the light.

In this case, reduce the brightness of the fluorescent light, or use another light. (It is not recommended to watch the TV in a dark room, especially for children.) · Wear the 3D glasses properly, otherwise you may not see the correct 3D image. · When not viewing 3D images on this unit, take off the 3D glasses; otherwise, it may be difficult to see the display on other products such as PC, digital clock or calculator, etc.

About the connecting cable · Use a high-speed and high-quality HDMI cable when you connect a device such as 3D compatible BD player or PC to the TV.



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When you use a standard HDMI cable, 3D images may not be shown. If the 3D PIN number has been forgotten: Use the Master PIN code of 1276, and then change to a number of your choice. Select 3D PIN from the PREFERENCES / 3D Setup menu to enter PIN. 6 INSTALLING YOUR TV English Please take note The digital reception function of this television is only effective in the countries listed in the "Country" section of the "SETUP" menu. Depending on country/area, some of this television's functions may not be available. Reception of future additional or modified services can not be guaranteed with this television. If stationary images generated by 4:3 broadcasts, text services, channel identification logos, computer displays, video games, on-screen menus, etc. are left on the television screen for any length of time, they could become conspicuous. It is always advisable to reduce both the brightness and contrast settings.

Very long, continuous use of the 4:3 picture on a 16:9 screen may result in some retention of the image at the 4:3 outlines. This is not a defect of the LCD TV and is not covered under the manufacturer's warranty. Regular use of other size modes (e.g.: Super Live) will prevent permanent retention. EXCLUSION CLAUSE Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by: i) Fire; ii) Earthquake; iii) Accidental damage; iv) Intentional misuse of the product; v) Use of the product in improper conditions; vi) Loss and/or damage caused to the product whilst in the possession of a third party; vii) Any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual; viii) Any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment; Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following: loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product. 7 INSTALLING YOUR TV English The remote control Simple at-a-glance reference of your remote control. 16 To access the "TOSHIBA PLACES" Top Page When network is not connected, an error message will be displayed. 17 To access Media Player Menu 18 To call up text services 19 To access the analogue or digital Channel List 20 On-screen Menus 21 To display the digital on-screen Programme Guide 22 To page up, down, left or right 23 When using menus, the arrows move the cursor on the screen up, down, left or right. Press OK to confirm your selection 24 To return to previous Menu 25 To exit menus 26 When in TV mode: r Picture still D Analogue time display When in Text mode: A To reveal concealed text B To hold a wanted page C To enlarge text display size D To temporarily erase the text screen During Playback: c To PLAY v To STOP W/w To PAUSE/STEP Z To SKIP-BACK CC To REWIND cc To FAST FORWARD z To SKIP-FORWARD 1 2 5 4 8 9 11 16 17 20 22 24 3 6 7 10 12 13 15 14 19 18 21 23 25 26 27 When using Programme Guide: Z 24 hours z +24 hours CC 1 page cc +1 page 27 Colour buttons: Text and interactive service control buttons Inserting batteries and effective range 1 2 3 4 5 6 7 8 9 For On/Standby mode To select external input sources To select TV Mode To switch between 2D and 3D modes Widescreen viewing Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the proper way.

Suitable battery types for this remote are AA, IEC R6 1.5V. Do not combine a used, old battery with a new one or mix battery types. Remove dead batteries immediately to prevent acid from leaking into the battery compartment. Dispose of them in accordance with instructions on page 64 of this manual. Warning: Batteries must not be exposed to excessive heat such as sunshine, fire or the like. The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the centre of the television. If the operating range becomes reduced, the batteries may need replacing. s Stereo/bilingual transmissions Digital Subtitles Number buttons Switch the Audio Description On/Off 10 To return to previous channel 11 To alter the TV volume 12 To display on-screen information To access the index page in Text mode 13 To mute the TV sound 14 To access Quick Menu 15 To change programme positions To change TEXT pages 8 CONNECTING YOUR TV English Connecting external equipment Before connecting any external equipment, turn off all main power switches. If there is no switch, remove the mains plug from the wall socket.

ILLUSTRATION SHOWS 40TL838. HDMI 4 INPUT HEADPHONE jack Power cord LAN port SCART (EXT 1) RGB/PC INPUT DIGITAL AUDIO OUT PUT (OPTICAL) Aerial Cable Media Recorder HDMI 1/2/3 INPUTS COMPONENT VIDEO/AUDIO VIDEO/AUDIO INPUT (Y/L/R) (EXT 2) Aerial cables:

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. Connect the aerial to the socket on the rear of the television. If you use a decoder and/or a media recorder, it is essential that the aerial cable is connected through the decoder and/or through the media recorder to the television. SCART leads: . . .

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. Connect the media recorder IN/OUT socket to the television. Connect the decoder TV socket to the television. Before running Auto Tuning, put your decoder and media recorder to Standby. The phono sockets alongside the COMPONENT VIDEO INPUT sockets will accept L and R audio signals. When connecting the VIDEO/AUDIO devices, connect those cables to Y/L/R sockets. The Digital Audio Output socket enables the connection of a suitable surround sound system. NOTE: This output is always active. HDMI® (High-Definition Multimedia Interface) is for use with a DVD decoder or electrical equipment with digital audio and video output. For acceptable video or PC signal formats through the HDMI terminals, see page 66.

NOTE: Although this television is able to connect to HDMI equipment, it is possible that some equipment may not operate correctly. LAN port is used to connect the TV to your home network. This TV can play digital content stored on a DLNA CERTIFIEDTM product with server function. A wide variety of external equipment can be connected to the back of the television; therefore, the relevant owner's manuals for all additional equipment must be referred to for exact instructions. If the television automatically switches over to monitor external equipment, return to normal television by pressing the desired programme position button.

To recall external equipment, press p / o to select between DTV, EXT 1, EXT 2, HDMI 1, HDMI 2, HDMI 3, HDMI 4, PC or ATV. When the external input mode is selected while viewing DTV mode, the SCART socket does not output video/audio signals. 9 CONNECTING YOUR TV English Connecting an HDMI® device The HDMI input on your television receives digital audio and uncompressed digital video from an HDMI source device.



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This input is designed to accept HDCP (High-Bandwidth Digital-Content Protection) programme material in digital form from EIA/CEA-861-D-compliant consumer electronic devices (such as a set-top box or DVD player with HDMI output). For acceptable video signal formats, see page 66.

NOTE: Supported Audio format: Linear PCM, Dolby Digital (AC-3), sampling rate 32/44.1/48kHz. To connect an HDMI device Connect an HDMI cable (type A connector) to the HDMI terminal. For proper operation, it is recommended that you use an HDMI cable with the HDMI Logo (). If your HDMI connection is capable of 1080p and/or your television is capable of refresh rates greater than 50Hz, you will need a Category 2 cable. Conventional HDMI/DVI cable may not work properly with this model. HDMI cable transfers both video and audio. Separate analogue audio cables are not required (see illustration). the back of your television HDMI cable HDMI device To view the HDMI device video, press the o button to select HDMI 1, HDMI 2, HDMI 3 or HDMI 4 mode. 10 CONNECTING YOUR TV English Connecting a computer With either an RGB/PC or an HDMI connection, you can watch your computer's display on the television.

To connect a PC to the HDMI terminal When connecting a PC to the HDMI terminal on the television, use an HDMI-to-DVI adaptor cable. If connecting a PC with an HDMI terminal, use an HDMI cable (type A connector). the back of your television To connect a PC to the RGB/PC terminal When connecting a PC to the RGB/PC terminal on the television, use an analogue RGB (15-pin) computer cable. the back of your television Mini D-sub 15 pin connector Computer Computer HDMI-to-DVI adaptor cable For acceptable PC and video signal formats, see page 66. RGB PC cable (not supplied) NOTE: The edges of the images may be hidden. If connecting a certain PC model with a unique PC signal, the PC signal may not be detected correctly. Conversion adaptor if required (not supplied) To use a PC, set the monitor output resolution on the PC before connecting it to the television. For acceptable PC signal formats, see page 65. To display the optimum picture, use the PC setting feature (see page 55). NOTE: Some PC models cannot be connected to this television. An adaptor is not needed for computers with a compatible mini D-sub 15-pin terminal. Depending on the DVD's title and the specifications of the PC on which you are playing the DVD-Video, some scenes may be skipped or you may not be able to pause during multi-angle scenes. A band may appear at the edges of the screen or parts of the picture may be obscured. This is due to scaling of the picture by the set, it is not a malfunction. When PC input mode is selected, some of the television's features will be unavailable e.

g. Colour System in the SETUP menu. Some PC models may output unique signals that the television may be unable to detect (see page 65). If connecting a certain PC model with a unique PC signal, the PC signal may not be detected correctly. 11 CONNECTING YOUR TV English Connecting a home network The LAN port allows your Toshiba TV to connect to your home network.

You can use this revolutionary home entertainment networking system to access photo, video and audio files that are stored on a DLNA CERTIFIEDTM server and play/display them on your TV. NOTE: If you connect to a shared network outside your home, it is advisable to use a router. Always use DLNA CERTIFIEDTM products in private network environments. Connect this TV to the same router as other DLNA CERTIFIEDTM products (server). If you use a hub or switch to connect the TV to your home network, you may not be able to use the automatic setup and will have to manually set up the network address.

See page 36. If you use a router with built-in DHCP functionality, use the automatic setup. Manual setup may not work. If you connect the TV and PC directly, use a crossover LAN cable. To connect the TV to a home network with an internet connection - Wireless Please refer to "Wireless Setup" section on page 34.

the back of your television TOSHIBA Dual Band WLAN adaptor Access point (AP) Wireless LAN router Modem To connect the TV to a home network Wired the back of your television Computer Modem (if available) Router with Hub How to use this Dual Band Wireless LAN Adaptor If this device is going to be operated in the frequency range of 5.15 GHz to 5.35 GHz, it is restricted to indoor use. @@@@ This device is NOT ALLOWED to be used in the geographical area within a radius of 20km from the centre of Ny-Alesund in Norway. [1] [2] Server PC [2] [3] Cable or Phone jack [2] [1] Coaxial or telephone cable (depending on your modem type) [2] Standard LAN cable [3] Do NOT connect a phone jack directly to the TV's LAN port. 12 CONNECTING YOUR TV English Controls and input connections A wide variety of external equipment can be connected to the input sockets on the side of the television.

While all the necessary adjustments and controls for the television are made using the remote control, the buttons on the television may be used for some functions. ILLUSTRATION SHOWS 40TL838. USB 1 port Media Player COMMON INTERFACE The Common Interface is for a Conditional Access Module (CAM). Contact a service provider.

The software updating of CI Plus CAM may be automatically executed. At this time, your Recording/Reminder programming will be canceled. Control panel p/o 3D IR Ambient Light Sensor USB 2 port Media Player/Wireless LAN adaptor ready for a home network RED LED Standby GREEN LED Power on ORANGE LED Programme timer set (digital only) To use the option, press B and b on the remote control to move up and down and press C or c to select your desired setting. Switching on If the RED LED is not lit, check that the mains plug is connected to the power supply and press 1 on the remote control; it may take a few moments. The GREEN LED will be lit.

To put the television into Standby, press 1 on the remote control. To view the television, press 1 again. The picture may take a few seconds to appear. For energy saving: We recommend that you use the television with the factory settings. The factory settings are for energy saving.

Unplugging the mains plug will cut energy use to zero for all televisions. This is recommended when the television is not being used for a long time, e.g. when on holiday. Reducing the brightness of the screen will reduce energy use. Energy efficiency cuts energy consumption and thus saves money by reducing electricity bills. NOTE: Putting the television into standby mode will reduce energy consumption, but will still draw some power. Using the TV controls and connections To turn on or off the TV, press !. To alter the volume, press + or .



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+ and buttons operate as volume up/down as default.

· To alter the programme position, press p / o once and press u or U. · To select an external input, press and hold p / o until the Inputs window appears, and then press u or U to select the appropriate input source. The Media Player feature provides access to photo, movie and music files stored on a USB storage device that is connected via the USB 1 or USB 2 port or on a network device. NOTE: The USB socket has limited functionality and Toshiba can take no responsibility for damage to other connected equipment. The USB 2 socket has to be used with the "TOSHIBA Dual Band WLAN Adaptor WLM-20U2" in order to access a wireless network. You must use the TOSHIBA Wireless LAN device to ensure correct operation of this feature. This feature is available only when the "TOSHIBA Dual Band WLAN Adaptor" is used. Please always refer to the owner's manual of the equipment to be connected for full details. NOTE: Interactive video games that involve shooting a "gun" at an on-screen target may not work with this TV. Using the menu system Press MENU on the remote control to display the menu.

The menu appears as a list of five topics. As each symbol is selected by pressing C or c on the remote control, its respective options will appear below. NOTE: The same menu is displayed in DTV (Digital TV) and ATV (Analogue TV) modes; however, where some items are not available in a mode, they will appear grayed out. 13 SETTING UP YOUR TV English Startup Application Before switching on the TV, make sure your decoder/media recorder, if applicable, is in standby. To set up the television, use the buttons on the remote control as detailed on page 8.

g Press OK. If the Ant/Cable In screen appears, press B or b to select Antenna or Cable and press OK to check (). Ant/Cable In Antenna Cable Next Quick Setup a Press the 1 button. The Menu Language screen will appear. This screen will appear the first time that the television is switched on and each time Reset TV is selected.

Press B b C c to select the menu language and press OK. Highlight Country and press C or c to select. The television is now set to tune the stations for your country. Quick Setup Country Primary Subtitle Language Secondary Subtitle Language Primary Audio Language Secondary Audio Language Germany English German English English h Select Next and press OK. The Auto Tuning start up screen will appear with the option to select between DTV and ATV, DTV or ATV if available. Use C or c to select the appropriate mode. Press B or b to highlight Start Scan and press OK. The television will start to search for available DTV and/or ATV channels. The progress bar will indicate the scan status. You must allow the television to complete the search.

Auto Tuning Progress DTV Tune ATV Tune 3% Waiting... Channel: C7 b c i Found 2 NOTE: · The following display menus will differ slightly according to the country you selected. · If there is not a country that you want to select in the list, select Others. When the search is complete, the television will automatically select channel one. The Auto Tuning screen will display the total number of services found. NOTE: If there are multiple channels with the same channel number, a confirmation window will appear. Press C or c to select the one you prefer. d Press OK, and the Location screen will appear.

Location To use the TV for displaying in a store showroom, please select [Store]. [Home] mode is recommended for normal use. Home j k Press C or c to view the DTV (digital channel) or ATV (analogue channel) lists. Press B or b to move through the list to select a channel and press OK to view. In ATV mode, some areas may receive duplicate stations.

There may not be a clear picture or the signal may be weak, so the station order can be changed using ATV Manual Tuning. REMEMBER: Press TV at any time to select between ATV and DTV modes. NOTE: The time will be set automatically by transmission but can be advanced or decreased by using Local Time Setting in the DTV Settings screen. PLEASE NOTE The Quick Setup menu can also be accessed at any time from the SETUP menu. e f Press C or c to select Home or Store.

For normal home use, select Home. Press OK, and the AutoView screen will appear. Press C or c to select Yes or No. AutoView AutoView mode automatically adjusts picture settings to suit ambient light conditions. Do you wish to enable AutoView mode? No 14 SETTING UP YOUR TV English Ant/Cable In (if available) From this menu, you can set the RF input configuration. DTV Modulation: You can choose from five QAM modulation settings. a b Press MENU / C c to highlight SETUP icon. Press b to select Ant/Cable In and press C or c to select Antenna or Cable. NOTE: When you attempt to change the Ant/Cable In setting, a warning message will appear followed by PIN entry (if PIN has been set) and a prompt for Auto Tuning. DTV Symbol Rate: This is the baud rate (KS/s) of the scan.

DTV Network ID: This is the Network ID to be utilized for the scan. This item is grayed out when DTV Scan Type is set to "Full Scan". c When Ant/Cable In is set to Cable, the following setting options will be provided in the Auto Tuning screen. Press B or b to select an item and press C or c to select your desired option. Auto Tuning Tuning Mode Start Scan DTV Operator Selection Scan Type Start Frequency End Frequency Modulation Symbol Rate Network ID Others Quick Scan Auto Auto Auto Auto Auto DTV and ATV With the exception of DTV Scan Type and DTV Modulation items, all of the following items will have 2 operating modes. The first is Auto where the values for each item are preset by the system. The second is an Input mode where you will be able to enter a single value in place of the pre-set value. If no channel is currently tuned and the Input state is chosen, a system default value will be shown. However, if a channel is currently tuned when the item is accessed, the value of the current channel will be displayed. Operator Selection: You can choose the Cable operator depending on the Country you set.

DTV Scan Type: This item determines whether a Quick Scan or a Full Scan will be executed. The Quick Scan is a simplified version of the Full Scan that is designed to complete in less time. DTV Start Frequency: This sets the frequency from which the scan will begin. DTV End Frequency: This sets the frequency at which the scan will end. 15 SETTING UP YOUR TV English Auto Tuning NOTE: As new services are broadcast, it will be necessary to re-tune the television in order to view them.

Auto Tuning will completely re-tune the television and can be used to update the channel list. It is recommended that Auto Tuning is run periodically to ensure that all new services are added. All current channels and settings, i.e. locked channels, will be lost.

ATV Manual Tuning Tuning The television can be tuned-in manually using ATV Manual Tuning.



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For example, you might use the feature if the television cannot be connected to a media recorder/decoder with a SCART lead or when you want to tune-in a station on another System. Use C and c to move across the screen and select any of the ATV Manual Tuning options. Then use B or b to adjust the settings. ATV Manual Tuning System 1 English Germany Antenna 1 A C 2 0 VCR a b Press MENU / C c to highlight SETUP icon. Press B or b to select Auto Tuning and press OK. SETUP Menu Language Country Ant/Cable In Auto Tuning ATV Manual Tuning DTV Manual Tuning DTV Settings Quick Setup 1 2 3 4 5 6 7 8 9 Position The number to be pressed on the remote control to tune the channel. System Specific to certain areas. Colour System Factory set to Auto, should only be changed if problems are experienced, i.e.

NTSC input from external source. Skip Set Skip to On (8) or Off (0) for the selected channel. See page 18. Signal Class The channel classification. Channel The channel number on which a station is being broadcast. Search Search up and down for a signal. Manual Fine Tuning Only used if interference/weak signal is experienced. See page 60. Station Station identification. Use the B b and C c buttons to enter up to seven characters. c 2 A screen will appear warning that previous programmes and settings will be deleted. Auto Tuning Previous settings will be lost! Press EXIT for no change. Tuning Mode DTV and ATV 3 4 Start Scan 5 6 Press C or c to select DTV and ATV, DTV or ATV, if available, then highlight Start Scan and press OK to continue with the Auto Tuning. NOTE: If you have selected "Others" for the Country field in the SETUP menu, and selected a tuning mode other than "DTV", choose the optimum ATV broadcasting system (B/G, I, D/K or L). The television will start to search for all available DTV and/or ATV services. You must allow the television to complete the search. When the search is complete, the Auto Tuning screen will display the services found. 7 8 9 To allocate a position on the television for a decoder and media recorder: turn the decoder on, insert a pre-recorded film in the media recorder, press PLAY and manually tune. d Press B or b to move through the list to select a channel and press OK to view. 16 SETTING UP YOUR TV English a In the SETUP menu, press b to select ATV Manual Tuning and press OK. g h Each signal will show on the television. If it is not your media recorder, press B or b again to restart the search. When your media recorder signal is found, press c to move along to Station. Use B, b, C and c to put in the required characters, e.g. VCR. ATV Manual Tuning Station 1 1 A C 2 0 VCR SETUP Menu Language Country Ant/Cable In Auto Tuning ATV Manual Tuning DTV Manual Tuning DTV Settings Quick Setup English Germany Antenna i j k Press OK to save. Repeat for each position you want to tune, or press BACK to return to the list of channels and select the next number to tune. Press EXIT when you have finished. PLEASE NOTE This television has direct channel entry if the channel numbers are known.

Select the ATV Manual Tuning screen in Step 3. Enter the Position number, the System, then C for standard (terrestrial) channels or S for cable channels and the Channel number. Press OK to save. b Use B or b to select the desired position. We suggest Pos. 0 for a media recorder. ATV Manual Tuning Pos. Channel 1 C 2 2 3 4 5 6 7 8 Station S10 C7 S40 C22 C25 C28 C30 Different Channel numbers may be displayed. c d Press OK to select. If the channel chosen for the media recorder is set to skip, Skip should be removed before storing.

Press c to select System and press B or b to change if required. ATV Manual Tuning System 1 1 A C 2 0 e f Then press c to select Search. Press B or b to begin the search. The search symbol will flash. ATV Manual Tuning Search 1 1 A C 2 0 17 SETTING UP YOUR TV English Skip To prevent certain channels from being viewed, positions can be skipped.

Sorting positions Channels may be moved and saved to the position of your choice. a b Select ATV Manual Tuning from the SETUP menu. Use B or b to highlight the position to be skipped and press OK to select. ATV Manual Tuning Pos. Channel 1 C 2 3 4 5 6 7 8 a b Select ATV Manual Tuning from the SETUP menu.

With the list of channels showing, use B or b to highlight the channel you want to move and press c. ATV Manual Tuning Pos. Channel 2 3 4 Station Station S10 C7 S40 C22 C25 C28 C30 ABC1 ABC1 S10 C7 C40 C22 C2 C25 C28 C30 ABC1 ABC1 5 1 6 7 8 c d Press c to select Skip. Use B or b to turn Skip on. Press OK. c d Use B or b to move through the list to your preferred position. As you do so, the other channels will move to make room. Press C to save your move. Repeat as necessary and press EXIT. 8 on the screen indicates a skipped position.

ATV Manual Tuning Skip: On 1 1 A C 2 0 e Press BACK and repeat from Step 2 or press EXIT. Each position has to be individually selected. To turn Skip off, repeat the procedure for each position. Skipped positions cannot be selected by PU and Pu or by the controls on the television but can still be accessed by the number buttons on the remote control. 18 SETTING UP YOUR TV English DTV Manual Tuning NOTE: This feature varies depending on the Ant/Cable In setting. Manual Tuning for DVB-C When Ant/Cable In is set to Cable, DTV Manual Tuning items are as follows: Frequency input a specific frequency to be scanned Manual Tuning This feature is available for service engineers or can be used for direct channel entry if the multiplex channel is known. Modulation choose from one of five QAM modulation options Symbol Rate input a specific baud rate (KS/s) to be used for the manual scan a Select DTV Manual Tuning from the SETUP menu and press OK. DTV Manual Tuning - Antenna Signal Strength Quality WEAK GOOD 13 506.0MHz 8MHz AVERAGE STRONG Channel Frequency Bandwidth Start Scan b c Enter the multiplex number using the number buttons or use C or c to adjust the number up or down. Highlight Start Scan and press OK.

The television will automatically search for that multiplex. DTV Manual Tuning - Antenna 0 New Channels - Total 6 New Pos. Name ABC ONE 1 2 7 40 51 Type ABC TWO ABC THREE ABC NEWS 24 ABCi When the multiplex is found, any channels that are not currently in the channel list will be added and the channel information at the top of the screen will be updated. d Repeat as necessary. Press EXIT to finish.

19 SETTING UP YOUR TV English DTV Settings Channels The channel order may be changed to suit your personal preference. Move -- Press the GREEN button to activate the Move feature. Press the B or b buttons to select the channel you wish to move and press OK to check. If you wish to move multiple channels at once, select another channel and check in the same way. Repeat as necessary.



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Once all desired channels have been checked, press the B or b buttons to place the focus at the position to which you wish to move the channels. The channels will be inserted above the highlighted channel. Press the GREEN button to execute the move. Channels Line No. 1/10 Pos. Name 1 ABC ONE 2 7 30 40 51 822 823 ABC TWO ABC THREE CAB Channel ABC NEWS 24 ABCi AA AC a b Select DTV Settings from the SETUP menu and press OK. Select Channels and press OK. DTV Settings Channels Subtitle and Audio Parental PIN Setup Parental Control Local Time Setting Common Interface c For your convenience, you can jump to specific places in the list by one of two methods. Channels Line No. 1/10 Pos.

Name 1 ABC ONE 2 7 30 40 51 822 823 ABC TWO ABC THREE CAB Channel ABC NEWS 24 ABCi AA AC Position No. Sort -- Press the YELLOW button. A confirmation window will appear. Press C or c to select Yes and press OK. Your existing channel order will be lost. Do you wish to continue? Yes Location setting You can select either Home or Store mode. Home is recommended for normal home use. Select Store when using the television for displaying in a shop, etc. Line Number Jump -- Use the number buttons (0-9) to input the line number you want to select and press OK. Name Jump -- Press CC or cc to jump to the next station name with a different initial letter.

It is also possible to change the Position number of a particular channel. a b Select Location from the SETUP menu. Press C or c to select Home or Store.

Renumber -- Press the RED button to renumber the highlighted channel. Edit the channel number using the number buttons and press OK.

If the position number you input already exists, a confirmation window will appear. Pos. ---Name ABC ONE Analogue switch-off This is a digital television which is integrated to allow the use of both digital and analogue services. However, during the lifetime of this set it is very likely that analogue services will be switched off to allow for more new digital services. This 'switch-off' will happen in a number of phases, which will be advertised in your area well in advance.

It is recommended that at each phase the television is re-tuned to ensure that existing and new digital services can be viewed without disruption. 20 CONTROLS AND FEATURES English General controls Quick Menu Quick Menu helps you access some options quickly, such as Picture Mode, Picture Size, More Information, Sleep Timer etc. Press QUICK to display the Quick Menu and use B or b to select the option. Quick Menu Picture Mode Picture Size 3D Settings More Information Channel Options Toshiba Places YouTube USB Media Player Network Media Player Sleep Timer Headphone Level Wireless Information 50 00:00 AutoView Super Live Mode USB Media Player (Photo Single View, Slide Show) Quick menu item PICTURE SOUND Interval Time Repeat Background Music Play List Sleep Timer Headphone Level Description See page 30. See page 26 See page 42. See page 42. See page 42. See page 42. See page 48. See page 27.

Selecting channels To select a channel, use the numbered buttons on the remote control. Channels can also be selected using PU and Pu. To display on-screen information such as channel, input mode or stereo/mono signal, press . Press again to cancel. The Time Display analogue only The time display facility allows the current (text service) time to be seen on the television screen. Press D whilst watching a normal television broadcast to see the time display from the broadcaster. It will remain on screen for about 5 seconds. NOTE: This display may not be available in some cases. NOTE: Quick Menu items are different depending on the current mode. Quick menu item example Mode When viewing a TV programme or pictures from the external input Single Window or 3D Single Window Quick menu item Picture Mode Picture Size 3D Settings More Information Channel Options Toshiba Places YouTube USB Media Player Network Media Player Sleep Timer Headphone Level Wireless Information When using EPG Genre Colour EPG Update/ Cancel EPG Update Description See page 30.

See page 28. See page 23. See page 49. See page 52. See page 38.

See page 39. See page 40. See page 41. See page 48. See page 27.

See page 35. See page 50. See page 50. Stereo and Bilingual transmissions For DTV programmes For stereo or dual mono broadcasts, press s and use C or c to select settings. Mode Display Stereo Dual mono Mono Multichannel Pressing c Stereo S Left S Right Dual 1 S Dual 2 S Dual For multi-audio track broadcasts, press s repeatedly to change the audio language (see "Audio languages" on page 53). For ATV programmes If stereo or dual language broadcasts are transmitted, the word Stereo or Dual will appear on the screen each time channels are changed, disappearing after a few seconds. If the broadcast is not in stereo, the word Mono will appear. Stereo...

Press s to select Stereo or Mono. Bilingual... Bilingual transmissions are rare. If they are transmitted, the word Dual will be displayed. Choose the required programme number, and if the word Dual appears, press s to select Dual 1, Dual 2 or Mono. 21 CONTROLS AND FEATURES English Using 3D functions Before using 3D programming, see and follow "When using the 3D glasses" section on page 6. Viewing 3D programming requires the following: · TOSHIBA 3D Glasses (not supplied) · Compatible 3D playback device or 3D source · 3D capable high quality HDMI cable 3D format select: If a right and left images are same in Native mode, select SBS. If a top and bottom images are same in Native mode, select TB.

3D formats are the following. 3D format Side by Side (SBS) Top and Bottom (TB) Frame Packing (FP) * Description Images for the left and right eyes are positioned side-by-side. Images for the left and right eyes are positioned at the top and bottom of the screen. Image for the left and right eyes for two frames are positioned at the top and bottom of the screen. Viewing 3D images Incoming video signals can either be in 2D or 3D format.

A 2D signal can only be viewed as 2D, but 3D can be viewed in either 2D or 3D. If the TV can detect the fact that a signal is 3D, it can change to 3D mode automatically see "Setting the auto start mode" (on page 24). Otherwise the user can change the viewing mode using the 3D button. Finally, the format of the 3D signal can be either Side by Side (SBS) or Top and Bottom (TB). You may have to choose the correct format if the TV can not detect it automatically see "Switching display mode or selecting 3D format", below.

NOTE: · When 3D format signal is not received, display mode is not switched to 3D. · The 3D button is available in digital channels or HDMI input. · If appropriate mode and format are not selected, 3D image is not correctly displayed. · There will be restrictions on the Picture Size settings for 3D Mode and 2D Mode. · There are individual differences in perception of 3D images.



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· When viewing 3D images, wear the 3D Glasses. * This format cannot be selected manually. The 3D button's operation: The behaviour of 3D when viewing in Native mode is different depending on the input mode. Depending on the input mode, the screen for selecting 2D or 3D is displayed or the display mode switches between 2D and 3D. To switch to 3D mode: · Set PREFERENCES / 3D Setup / 3D Auto Start to 3D.

· Press 3D while viewing 2D mode or Native mode. Trigger of Switching Display Mode Input Signal Type Additional Format Source Information Signal Press 3D button Switching display mode or selecting 3D format There are three modes for watching TV. Mode 3D 2D Native Description Displays 3D images. Changes 3D images to 2D. Displays a received signal format as it is. 3D With 3D Format Auto Detect FP Signal Information SBS TB Without 3D SBS Auto Detect Information TB 2D Format Signal 3D 3D 3D 3D 3D 3D * * * * D D 3 3 3D 3D 3D 3D ** 3D D3 * Correct 3D image **When the 3D Format Select is in 3D (TB) mode (see page 23). 22 CONTROLS AND FEATURES English To select 3D format from the Quick menu in 3D mode: To select 2D format from the Quick menu in 2D mode: a b c d Press QUICK to display the Quick Menu. Press B or b to select 3D Settings and press OK. Press B or b to select 3D Format Select and press OK. Press C or c to select 3D (SBS) or 3D (TB).

Trigger of Switching Quick menu Display Mode a b c d Press QUICK to display the Quick Menu. Press B or b to select 3D Settings and press OK. Press B or b to select 2D Format Select and press OK. Press C or c to select 2D (SBS) or 2D (TB). Trigger of Switching Quick menu Display Mode Input Signal Type Additional Info Format Source Signal 3D Fomat Select SBS TB Input Signal 2D Fomat Select TB Native Type Additional Format Source SBS Info Signal 3D With 3D FP Format Auto Detect Signal Information SBS TB With 3D 3D Format Auto Detect FP Signal Information SBS TB Without 3D SBS Auto Detect Information TB 2D Format Signal * Correct 3D image 3D 3D 3D 3D 3D 3D 3D 3D 3D 3D 3D * 3D * 3D 3D 3D 3D 3D 3D 3D 3D * D D 3 3 3D 3D * 3D 3D 3D 3D Without 3D SBS Auto Detect Information TB 2D Format Signal * Correct 2D image 3D 3D 3D 3D * 3D 3 3 3D 3D * 3D 3D 3D 3D 3D D3 3D 3 3D To switch to 2D mode: · Set PREFERENCES / 3D Setup / 3D Auto Start to 2D.

· Press 3D while viewing 3D mode or Native mode. Trigger of Switching Display Mode Input Signal Type Additional Info Format Source Signal Press 3D button NOTE: Take off the 3D Glasses in 2D mode. To switch to Native mode: · Press 3D while viewing 3D mode. · From the Quick Menu in 2D mode. a b In the Quick Menu, press B or b to select 3D Settings and press OK.

Press B or b to select 2D Format Select and press OK. Press C or c to select Native. NOTE: When Frame Packing is input, 2D Format Select will be grayed out. 3D With 3D Auto Format Detect FP Signal Information SBS TB Without 3D Auto Detect Information 2D Format Signal * Correct 2D image SBS TB 3D 3D 3D 3D 3D * * * 3D c 3D 3D 3D 3D 3D 3D 3D 3D 3D * 3D 23 CONTROLS AND FEATURES English Setting the auto start mode Controls what the TV does when it detects a 3D signal. To change or delete your PIN code: a b c a b In the PREFERENCES menu, press B or b to select 3D Setup and press OK. Press B or b to select 3D PIN. Press the number buttons to enter your 4-digit PIN code. Select Change PIN or Delete PIN and press OK. NOTE: · PIN code cannot be set to "0000". · If PIN is deleted, 3D Safety Settings is grayed out, and the settings are reset to the factory default.

Press MENU / C c to highlight PREFERENCES icon. Press B or b to select 3D Setup and press OK. PREFERENCES 3D Setup Network Setup Teletext Network Lock Panel Lock Display Settings AV Connection Energy Saving Settings Auto Off Off d Setting 3D Start Message When this feature is set to On, a message is displayed onscreen when a 3D signal is received. c d 3D 2D Off Press B or b to select 3D Auto Start. Press C or c to select 3D, 2D, or Off. Description Displays as 3D mode automatically when 3D format signal is received. Displays as 2D mode automatically when 3D format signal is received. Displays a screen that allows you to select 3D or 2D when 3D format signal is received. a b c d e In the PREFERENCES menu, press B or b to select 3D Setup and press OK. Press B or b to select 3D Safety Settings and press OK.

Enter your 4-digit 3D PIN code. Press B or b to select 3D Start Message. Press C or c to select On or Off. Option Setting the 3D PIN code A 3D PIN code is necessary for using 3D Safety Settings. To enter a new PIN code: a b c In the PREFERENCES menu, press B or b to select 3D Setup and press OK. Press B or b to select 3D PIN and press OK. Press the number buttons to enter a 4-digit number. Confirm the code. NOTE: PIN code cannot be set to "0000".

24 CONTROLS AND FEATURES English Setting 3D Lock When this feature is set to On, you must enter 3D PIN code for changing display mode. Displaying 3D Important Info a b In the PREFERENCES menu, press B or b to select 3D Setup and press OK. Press B or b to select 3D Important Info and press OK. a b c d e In the PREFERENCES menu, press B or b to select 3D Setup and press OK. Press B or b to select 3D Safety Settings and press OK. Enter your 4-digit 3D PIN code. Press B or b to select 3D Lock. Press C or c to select On. Switching left and right images The left and right eye shutter timing of the glasses can be swapped. If 3D images look blurred, switch the left and right sides of the 3D image. a b c d Press QUICK on the remote to open the Quick Menu.

Press B or b to select 3D Settings and press OK. Press B or b to select Left and Right Image. Press C or c to select Swapped. Setting 3D Timer Lock When the 3D Timer Lock feature is set to On, neither the PIN input window nor the 3D start message will be shown while the 3D Enable timer is active, even if a switch to 3D Mode occurs. This helps to avoid asking for the 3D Lock PIN and displaying 3D start message every time when switching to 3D. a b c d e In the PREFERENCES menu, press B or b to select 3D Setup and press OK. Press B or b to select 3D Safety Settings and press OK. Enter your 4-digit 3D PIN code. Press B or b to select 3D Timer Lock. Press C or c to select On.

Setting Enable 3D Timer This feature helps to remind you not to watch 3D video for extended periods of time. Once a set period of time has passed, a dialogue will be shown asking you if you wish to continue viewing or not. a b c d e f In the PREFERENCES menu, press B or b to select 3D Setup and press OK. Press B or b to select 3D Safety Settings and press OK. Enter your 4-digit 3D PIN code. Press B or b to select Enable 3D Timer.



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Press C or c to select 30, 60, 90, or 120 minutes. To cancel the timer, select Off. 25 CONTROLS AND FEATURES English Sound controls Volume controls and sound mute Volume Press y or Y to adjust the volume. Sound Mute Press once to turn the sound off and again to cancel.

Voice Enhancement Voice Enhancement emphasises the frequency range of the speaker's voice, making it easier to catch what they are saying. a b In the Advanced Sound Settings menu, press B or b to select Voice Enhancement. Press C or c to select On or Off. Dual If a programme or film is being broadcast with a soundtrack in more than one language, the Dual feature allows selection between them. Dynamic Bass Boost Dynamic Bass Boost enhances the depth of the sound on the TV speakers. The difference will only be noticeable on sound with strong bass. a b Press MENU / C c to highlight SOUND icon. Press B or b to select Dual and press C or c to choose between Dual 1 or Dual 2. a b In the Advanced Sound Settings menu, press B or b to select Dynamic Bass Boost. Press C or c to select the desired bass expansion level (Low, High or Off).

SOUND Dual Balance Advanced Sound Settings Stable Sound Dynamic Range Control Audio Level Offset Headphone Settings Audio Description Off On 0 Dual 1 Stable Sound® Stable Sound reduces the volume level differences between channels. It automatically remains on the same volume level when you change channels. a b In the SOUND menu, press B or b to select Stable Sound. Press C or c to select On or Off. Balance Dynamic Range Control This feature allows control of audio compression for some digital TV programmes (MPEG-1 and MPEG-2 audio programmes are not supported). a In the SOUND menu, press B or b to select Balance and press C or c to emphasize left or right speaker balance. a Bass, Treble In the SOUND menu, press B or b to select Dynamic Range Control. Press C or c to select On or Off. a b c In the SOUND menu, press B or b to select Advanced Sound Settings and press OK. Press B or b to select Bass or Treble.

Press C or c to change the setting. b 26 CONTROLS AND FEATURES English Audio Level Offset Sometimes there can be large changes in volume when switching from a DTV 5.1ch to a DTV 2ch, an ATV channel, or an external input. Using the Audio Level Offset feature reduces these volume differences. Audio Description Audio Description is an additional narrative sound track for visually impaired individuals to understand and enjoy the story line more fully.

The letters AD will be displayed in the channel banner when programmes contain AD content. a b c d Set the volume level usually used when watching a DTV 5.1ch programme. Tune to a channel which is DTV 2ch, ATV or an external input. In the SOUND menu, press B or b to select Audio Level Offset and press OK.

Press B or b to select an option, and then press C or c to adjust the volume level. Audio Level Offset DTV 2ch ATV External Input -5 0 0 a b In the SOUND menu, select Audio Description and press OK. Press B or b to select Audio Description and press C or c to select On. Audio Description Audio Description Mixing Level 50 On The AD button on the Remote can also be used to toggle the Audio Description feature between On and Off. c NOTE: · The available item changes depending on the current input source. For example, while watching a DTV 2ch programme, only DTV 2ch is available and the other two items are grayed out in the menu. This allows you to easily adjust according to each condition. · When watching a DTV 5.1ch programme, this feature is not available. To adjust the level of the audio description sound to the main sound, highlight Mixing Level and press C or c.

Headphone Settings This setting is used to set the sound output when headphones are connected. Speaker Link On Off Headphone Sound is output (2 + is available.) Sound is output (Headphone level menu is available.) Speakers No sound Sound is output (2 + is available.) a b c In the SOUND menu, press B or b to select Headphone Settings and press OK. Press B or b to select Speaker Link and press C or c to select On or Off. If you select Off, then highlight Headphone Level and use C or c to adjust the headphone sound. Headphone Settings Speaker Link Headphone Level 50 Off 27 CONTROLS AND FEATURES English Widescreen viewing Depending on the type of broadcast being transmitted, programmes can be viewed in a number of formats. Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9, 20:9 etc.) black bars may be visible on the top and bottom of the screen. WIDE 4:3 Use this setting to view a true 4:3 broadcast. SUPER LIVE This setting will enlarge a 4:3 image to fit the screen by stretching the image horizontally and vertically, holding better proportions at the centre of the image. Some distortion may occur. CINEMA When watching 'all sides panel format' films/video tapes, this setting will eliminate or reduce the black bars at all sides of the screen by zooming in and selecting the image without distortion.

SUBTITLE When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed. SUBTITLE 14:9 Use this setting when watching a 14:9 broadcast. 28 CONTROLS AND FEATURES English NATIVE This setting will show the picture without overscan, i.e. WYSIWYG.

PC NORMAL This setting will show the picture without overscan, i.e. WYSIWYG. This option is only available when watching a PC signal source via HDMI or PC terminal. PC WIDE This setting will show the picture without overscan or side panels. This option is only available when watching a PC signal source via HDMI or PC terminal. Dot by Dot "Dot by Dot" is a non-scaling display. Depending on the input signal format, the picture is displayed with side panels and/or bars at the top and bottom (e.g. VGA input source).

Press the button on the Remote to display the list of available widescreen formats. Press the button repeatedly to highlight the required format. The Quick Menu feature can also be used to select Picture Size. AV format Picture Size Wide 4:3 Super Live Cinema Subtitle 14:9 Native PC format Picture Size PC Normal PC Wide Dot by Dot Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws. 29 CONTROLS AND FEATURES English Picture controls Most of the picture controls and functions are available in both digital and analogue modes. PLEASE NOTE: Features not available will be grayed out. Picture preferences You can customize current picture mode settings as desired. For example, while selecting "Dynamic", if you change the following items, such as Backlight, Contrast, Brightness, Colour, Tint, Sharpness and the Advanced Picture Settings items, your new settings are saved for "Dynamic" picture mode.



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Picture Mode This television offers the choice of personalising the picture style. AutoView, Dynamic, Standard, Hollywood 1, Hollywood 2, Store, Game and PC are preset options and affect many features/settings within the television. NOTE: · Because the AutoView mode automatically adjusts picture settings based on ambient light conditions and input signal content, the Auto Brightness Sensor menu is grayed out when it is selected. · Store mode is only available when Location is set to Store. · Game mode is available in external input mode (other than aerial input).

When you select Game mode, suitable widescreen formats will be selected. · PC mode is available in RGB/PC input mode or HDMI input mode. a b In the PICTURE menu press B or b to select either Backlight, Contrast, Brightness, Colour, Tint or Sharpness and press OK. Press C or c to adjust the settings.

Reset This feature resets all picture settings to the factory settings except Picture Mode.

a b In the PICTURE menu, press B or b to select Reset and press OK. A confirmation message will appear. Press C or c to select Yes and press OK. a b Press MENU / C c to highlight PICTURE icon. Press B or b to select Picture Mode. **ColourMaster** When ColourMaster is set to On, it allows the 'Base Colour Adjustment' feature to become available. a PICTURE Picture Mode Reset Backlight Contrast Brightness Colour Tint Sharpness 100 100 0 0 0 0 Dynamic In the PICTURE menu, press B or b to select Advanced Picture Settings and press OK. Press b to select ColourMaster. **Advanced Picture Settings** ColourMaster Base Colour Adjustment Colour Temperature Auto Brightness Sensor Active Backlight Control Black/White Level Noise Reduction Active Vision High On High Off b c Press C or c to select the picture mode you prefer and press OK. NOTE: The picture mode you select affects the current input only.

You can select a different picture mode for each input. c Press C or c to select On or Off and press OK. **30 CONTROLS AND FEATURES English Base Colour Adjustment** The Base Colour Adjustment feature allows the adjustment of individual colours to suit personal preference. This can be useful when using an external source. **Auto Brightness Sensor** When the Auto Brightness Sensor is activated, it will automatically optimise the backlighting levels to suit ambient light conditions. a b In the Advanced Picture Settings menu, press B or b to select Base Colour Adjustment and press OK. Press B or b to select an option and press c to move to the adjustment window. **Base Colour Adjustment** Hue Red 0 Green Blue Yellow Magenta Cyan Reset 0 0 0 0 0 a b In the Advanced Picture Settings menu, press B or b to select Auto Brightness Sensor. Press C or c to select On or Off. **Active Backlight Control** Saturation 0 0 0 0 0 Brightness 0 0 0 0 0 0 0 0 When Active Backlight Control is activated, it will automatically optimize the backlighting levels for dark scenes.

a b In the Advanced Picture Settings menu, press B or b to select Active Backlight Control. Press C or c to select On or Off. c Press C or c to select Hue, Saturation or Brightness and press B or b to adjust the settings as required. **Hue** Red 0 **Saturation** 0 **Brightness** -1 **Black/White Level** **Black/White Level** increases the strength of dark areas of the picture to improve the definition. a b In the Advanced Picture Settings menu, press B or b to select Black/White Level.

Press C or c to select High, Middle, Low or Off. d Press BACK to return to the previous menu. To return to the factory settings, select Reset and press OK. **MPEG NR Noise Reduction** When watching a DVD, the compression may cause some words or picture elements to become distorted or pixelated. Using the MPEG NR feature reduces this effect by smoothing out the edges.

Colour Temperature Colour Temperature increases the 'warmth' or 'coolness' of the picture by increasing the red or blue tint. a b a b c In the Advanced Picture Settings menu, press B or b to select Colour Temperature and press OK. Press B or b to select Colour Temperature and press C or c to select Cool, Normal or Warm to suit your preference. Press B or b to select Red Level, Green Level or Blue Level and press C or c to adjust the level. In the Advanced Picture Settings menu, press B or b to select Noise Reduction and press OK. Press b to select MPEG NR. **Noise Reduction** MPEG NR DNR Low Auto c Press C or c to select Low, Middle, High or Off to suit your preference. NOTE: To return the adjustments to the factory defaults, select Reset and press OK. **DNR Digital Noise Reduction** DNR allows you to 'soften' the screen representation of a weak signal to reduce the noise effect. a b Select DNR from the Noise Reduction menu.

Press C or c to select Low, Middle, High, Auto or Off. The differences may not always be noticeable (for the best result use lower settings as picture quality can be lost if the setting is too high). **31 CONTROLS AND FEATURES English Active Vision** This feature will reduce picture blur without decreasing image brightness or adding flicker. **Blue Screen** When Blue Screen is selected, the screen will turn blue and the sound will be muted on analogue channels and external input modes when no signal is received. NOTE: Some external input sounds may not be muted. a b In the Advanced Picture Settings menu, press B or b to select Active Vision. Press C or c to select High, Middle, Standard or Off. a b In the PREFERENCES menu, press B or b to select Blue Screen. Press C or c to select On or Off. NOTE: When Picture Mode is set to Game, this feature will be grayed out and automatically set to Off.

Resetting the advanced picture settings This feature allows you to reset the current Advanced Picture Settings to the default values. **Picture Position** The picture position may be adjusted to suit personal preference and can be particularly useful for external inputs. a b In the Advanced Picture Settings menu, press B or b to select Reset. Press OK. a b In the PREFERENCES menu, press B or b to select Display Settings and press OK.

In the Display Settings menu, press B or b to select Picture Position. **Display Settings** Auto Format On Off 4:3 Stretch Picture Position PC Settings Automatic Format (Widescreen) When this television receives a true Widescreen picture and Auto format is On, it will automatically be displayed in Widescreen format irrespective of the television's previous setting. a b c Press MENU / C c to highlight PREFERENCES icon. Press B or b to select Display Settings and press OK. Press B or b to select Auto Format and press C or c to select On or Off.

Display Settings Auto Format 4:3 Stretch Picture Position PC Settings On Off c d Press OK to view the options available for the picture format that has been selected. Press B or b to select an option and press C or c to adjust the settings.



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