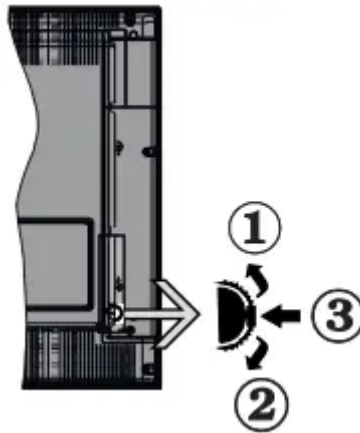


TV Control Switch & Operation



1. Up direction

2. Down direction

3. Volume / Info / Sources List selection and Standby-On switch

The Control button allows you to control the Volume / Programme / Source and Standby-On functions of the TV.

- **To change volume:** Increase the volume by pushing the button up. Decrease the volume by pushing the button down.
- **To change channel:** Press the middle of the button in, the information banner will appear on the screen. Scroll through the stored channels by pushing the button up or down.
- **To change source:** Press the middle of the button in twice (for the second time in total), the source list will appear on the screen. Scroll through the available sources by pushing the button up or down.
- **To turn the TV off:** Press the middle of the button in and hold it down for a few seconds, the TV will turn into standby mode.
- **To turn on the TV:** Press the middle of the button in, the TV will turn on.

Notes:

- If you turn the TV off, this cycle starts again beginning with the volume setting.
- Main menu OSD cannot be displayed via control button.

Operation with the Remote Control

Press the Menu button on your remote control to display main menu. Use the directional buttons and OK button to navigate and set. Press Return/Back or Menu button to quit a menu screen.

Input Selection

Once you have connected external systems to your TV, you can switch to different input sources. Press the Source button on your remote control consecutively to select the different sources.

Changing Channels and Volume

You can change the channel and adjust the volume by using the Programme +/- and Volume +/- buttons on the remote.

Using Main TV Menu

When the Menu button is pressed, the main TV menu will appear at the bottom of the screen. You can navigate through the menu items using the directional buttons on the remote. To select an item or see the sub-menu options of the highlighted menu press OK button. When you highlight a menu option some of the sub-menu items of this menu may appear on the upper side of the menu bar for quick access. To use a quick access item highlight it, press OK and set as desired using the Left/Right directional buttons. When finished press OK or Back/Return button to exit. Press Exit button to close the main menu.

1. Home

When main menu is opened Home menu bar will be highlighted. The content of the Home menu can be customised by adding options from other menus. Just highlight an option and press the Down direction button on the remote. If you see Add to Home option you can add it to the Home menu. Same way you can delete or change the position of any item in the Home menu. Press the Down direction button and select the delete or move icon and press OK. In order to move a menu item use the Right and Left direction buttons to select the position that you want the item to move to and press OK.

2. TV

2.1. Guide

You can access the electronic programme guide menu using this option. Refer to Electronic Programme Guide section for more information.

2.2. Channels

You can access the Channels menu using this option. Refer to Using the Channel List section for more information.

2.3. Timers

You can set timers for future events using the options of this menu. You can also review the previously created timers under this menu.

To add a new timer select the Add Timer tab using the Left/Right buttons and press OK. Set the sub-menu options as desired and when finished press OK. A new timer will be created.

To edit a previously created timer, highlight that timer, select the Edit Selected Timer tab and press OK. Change the sub-menu options as desired and press OK to save your settings.

To cancel an already set timer, highlight that timer, select Delete Selected Timer tab and press OK. A confirmation message will be displayed. Highlight Yes and press OK to proceed. The timer will be cancelled.

It is not possible to set timers for two or more events that will be broadcasted in different channels at the same time interval. In this case you will be asked to choose one of these timers and cancel others. Highlight the timer you want to cancel and press OK, Options menu will be displayed. Then highlight Set/Cancel and press OK to cancel that timer. You will have to save changes after that. In order to do that press OK, highlight Save Changes and press OK again.

2.4. Recordings (optional)

You can manage your recordings using the options of this menu. You can playback, edit, delete or sort previously recorded events. Highlight a tab by using the Left or Right direction button and press OK to see available options.

Recording Settings

You can also configure your recording preferences using the Settings tab in the Recordings menu. Highlight Settings tab by using Left or Right button and press OK. Then select the desired item in the sub-menu and set by using Left or Right button.

- **Start early:** You can set recording timer's starting time to start earlier by using this setting.
- **End late:** You can set recording timer's end time to end later by using this setting.
- **Max Timeshift:** This setting allows you to set the maximum duration for the timeshift recording. Available options are approximate and the actual recording time may change in practice depending on the broadcast. The reserved and free storage space values will change according to this setting. Make sure that you have enough free space otherwise instant recording may not be possible.
- **Auto discard:** You can set the Discard type as None, Oldest, Longest or Shortest. If it is not set to None, you can set the Unplayed option as Included or Excluded. These options determine the preferences for deleting the recordings in order to obtain more storage space for ongoing records.

- **Hard disk information:** You can view detailed information about the USB storage device connected to your TV. Highlight and press OK to see and press Back/Return to close.
- **Format Disk:** If you want to delete all files on the connected USB storage device and convert the disk format to FAT32, you can use this option. Press OK button while the Format Disk option is highlighted. A menu will appear on the screen, requiring you to enter the PIN(*). After you enter the PIN, a confirmation message will be displayed. Select Yes and press OK to start formatting the USB storage device. Select No and press OK to cancel.

(*) Default PIN could have been set to 0000 or 1234. If you have defined the PIN(is requested depending on the country selection) during the First Time Installation use the PIN that you have defined.

3. Settings

You can manage the settings of your TV using the options of this menu. Refer to Settings Menu Contents section for more information.

4. Apps

When your TV is connected to the Internet related contents will also be available, including Apps related contents. Using the Apps menu you can access and manage your applications. You can add new apps from the market or delete the existing ones. Refer to Apps section for more information.

5. Source

You can manage your input source references using the options of this menu. To change the current source highlight one of the options and press OK.

5.1. Source Settings

Edit the names, enable or disable selected source options. There are also Regular, Enhanced and Disabled options available for HDMI sources. Regular and Enhanced options are affecting the colour settings of the selected HDMI source. To be able to watch 4K or HDR/HLG images from an HDMI source related source setting should be set as Enhanced if the connected device is compatible with HDMI 2.0 and subsequent versions. Set as Regular if the connected device is HDMI 1.4 compatible. Set accordingly or disable the related HDMI source by setting as Disabled.

Inserting the Batteries into the Remote

Remove the back cover to reveal the battery compartment. Insert two size AAA batteries. Make sure the (+) and (-) signs match (observe correct polarity). Do not mix old and new batteries. Replace only with same or equivalent type. Place the cover back on. A message will be displayed

on the screen when the batteries are low and must be replaced. Note that when the batteries are low, the performance of the remote control may be impaired.

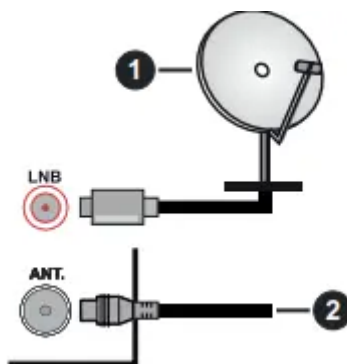
Power Connection

IMPORTANT: The TV set is designed to operate on a 220-240V AC, 50 Hz supply. 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.

Antenna Connection

Connect the aerial or cable TV plug to the AERIAL INPUT (ANT.) socket or satellite plug to the SATELLITE INPUT (LNB) socket located on the rear side of the TV.

Rear side of the TV



1. Satellite

2. Aerial or cable



If you want to connect a device to the TV, make sure that both the TV and the device are turned off before making any connection. After the connection is done, you can turn on the units and use them.

Remote Control



1. Standby: Switches On / Off the TV

2. Source: Shows available broadcast and content sources

3. Numeric buttons: Switches the channel, enters a number or a letter in the text box on the screen.

4. Language: Switches among sound modes (analogue TV), displays and changes audio/subtitle language and turns subtitles on or off (digital TV, where available)

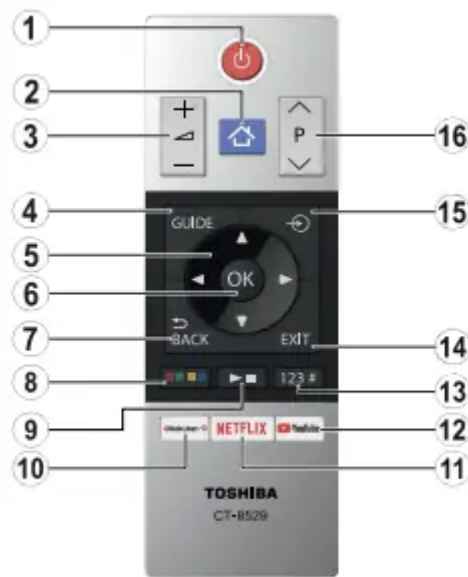
5. Menu: Displays TV menu

6. Volume +/-

7. Info: Displays information about on-screen content, shows hidden information (reveal - in TXT mode)

8. *Directional buttons: Helps navigate menus, content etc. and displays the subpages in TXT mode when pressed Right or Left*
9. *OK: Confirms user selections, holds the page (in TXT mode), views Channels menu (DTV mode)*
10. *Back/Return: Returns to previous screen, previous menu, opens index page (in TXT mode)*
11. *Coloured Buttons: Follow the on-screen instructions for coloured button functions*
12. *Rakuten TV: Launches the Rakuten TV application*
13. *Rewind: Moves frames backwards in media such as movies*
14. *Record: Records programmes (if available)*
15. *Pause: Pauses the media being played, starts timeshift recording (if available)*
16. *Play: Starts to play selected media*
17. *Stop: Stops the media being played*
18. *Fast Forward: Moves frames forward in media such as movies*
19. *Netflix: Launches the Netflix application*
20. *YouTube: Launches the YouTube application*
21. *Exit: Closes and exits from displayed menus or returns to previous screen*
22. *Guide: Displays the electronic programme guide*
23. *Programme +/-*
24. *Text: Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (mix)*
25. *Mute: Completely turns off the volume of the TV*

Remote Control- 2 (optional)



Inserting the Batteries into the Remote

Remove the back cover to reveal the battery compartment. Insert two size AAA batteries. Make sure the (+) and (-) signs match (observe correct polarity). Do not mix old and new batteries. Replace only with same or equivalent type. Place the cover back on.

1. Standby: Switches On / Off the TV

2. Menu: Displays TV menu

3. Volume +/-

4. Guide: Displays the electronic programme guide

5. Directional buttons: Helps navigate menus, content etc. and displays the subpages in TXT mode when pressed Right or Left

6. OK: Confirms user selections, holds the page (in TXT mode), views Channels menu (DTV mode)

7. Back/Return: Returns to previous screen, previous menu, opens index page (in TXT mode)

8. Coloured Buttons Select the coloured button you want to use from the dialogue box and press OK. Follow the on-screen instructions for coloured button functions

9. Media Playback, Record (if available) and Language Buttons

Select the button you want to use from the dialogue box and press OK

Use the media buttons to control the playback of the media. Control elements to play, pause, stop, rewind and fast forward the media will be available.

Select the REC button and press OK to record a programme or select the Pause(II) button and press OK to start timeshift recording

Select the LANG. button and press OK to switch among sound modes (analogue TV), display and change audio/subtitle language and turn subtitles on or off (digital TV, where available)

10. Rakuten TV: Launches the Rakuten TV application

11. Netflix: Launches the Netflix application

12. YouTube: Launches the YouTube application

13. Numeric, Text and CEC Buttons

Select the button you want to use from the dialogue box and press OK

Use the numeric buttons to switch the channel, enter a number or a letter in the text box on the screen.

Select the TEXT button and press OK to display teletext (where available). Press again to superimpose the teletext over a normal broadcast picture (mix)































Select the CEC button and press OK to terminate the function that enables you to control the connected CEC device with the TV remote.

14. Exit: Closes and exits from displayed menus or returns to previous screen

15. Source: Shows available broadcast and content sources

16. Programme +/-

Connections

Connector	Type	Cables	Device
	VGA Connection (back)		
AUDIO IN 	PC/YPbPr Audio Connection (back)	 YPbPr/PC Audio Cable	
	HDMI Connection (side&back)		
SPDIF 	SPDIF (Optical Out) Connection (back)		
BACK AV 	Back AV (Audio/Video) Connection (back)	 Audio Video Cable	
HEADPHONE 	Headphone Connection (side)		
YPBPR 	YPbPr Video Connection (back)	 PC to YPbPr Connection Cable	
	USB Connection (side)		
	CI Connection (side)		
LAN 	Ethernet Connection (back)	 LAN / Ethernet Cable	

See the illustrations on the left side. You can use YPbPr to VGA cable to enable YPbPr signal via VGA input. You cannot use VGA and YPbPr at the same time. To enable PC/YPbPr audio, you will need to use the back audio inputs with a YPbPr/PC audio cable for audio connection. When using the wall mounting kit (available from a third party in the market, if not supplied), we recommend that you plug all your cables into the back of the TV before mounting on the wall. Insert or remove the CI module only when the TV is SWITCHED OFF. You should refer to the module instruction manual for details of the settings. The/ Each USB input of your TV supports devices up to 500mA. Connecting devices that have current value above 500mA may damage your TV. When connecting equipment using a HDMI cable to your TV, to guarantee sufficient immunity against parasitic



frequency radiation and trouble-free transmission of high definition signals, such as 4K content, you have to use a high speed shielded (high grade) HDMI cable with ferrites.



If you want to connect a device to the TV, make sure that both the TV and the device are turned off before making any connection. After the connection is done, you can turn on the units and use them.

Switching On/Off

To Switch the TV On

Connect the power cord to a power source such as a wall socket (220-240V AC, 50 Hz). To switch on the TV from standby mode either:

- Press the Standby button, Programme +/- or a numeric button on the remote control.
- Press the middle of the side function switch on the TV in.

To Switch the TV Off

Press the Standby button on the remote control or press the middle of the side function switch on the TV in and hold it down for a few seconds, the TV will switch into standby mode.

To power down the TV completely, unplug the power cord from the mains socket.

Note: When the TV is switched into standby mode, the standby LED can blink to indicate that features such as Standby Search, Over Air Download or Timer is active. The LED can also blink when you switch on the TV from standby mode.

First Time Installation

Note: If you are going to perform FRANSAT installation, insert the FRANSAT card (optional) into the Conditional Access terminal of your TV before switching on your TV.

Note: M7 and FRANSAT : Availability depends on model.

When turned on for the first time, the language selection screen is displayed. Select the desired language and press OK. In the following steps of the installation guide, set your preferences using the directional buttons and OK button.

On the second screen set your country preference. Depending on the Country selection you may be asked to set and confirm a PIN at this point. The selected PIN cannot be 0000. You have to enter it if you are asked to enter a PIN for any menu operation later

Note: M7(*) operator type will be defined according to the Language and Country selections that you made in the First Time Installation.

(*) M7 is a digital satellite service provider.

You can activate Store Mode option in the next step.

This option will configure your TV's settings for store environment and depending on the TV model being used, the supported features of it may be displayed on the side of the screen as an info banner. This option is intended only for store use. It is recommended to select Home Mode for home use. This option will be available in Settings>System>More menu and can be turned off/on later. Make your selection and press OK to continue.

Depending on the model of your TV and the country selection Privacy Settings menu may appear at this point. Using this menu you can set your privacy privileges. Highlight a feature and use Left and Right directional buttons to enable or disable. Read the related explanations displayed on the screen for each highlighted feature before making any changes. You can use Programme +/- buttons to scroll up and down to read the entire text. You will be able to change your preferences at any time later from the Settings>System>Privacy Settings menu. If the Internet Connection option is disabled Network/Internet Settings screen will be skipped and not displayed. If you have any questions, complaints or comments regarding this privacy policy or its enforcement, please contact by email at smarttvsecurity@vosshub.com.

Highlight Next and press OK button on the remote control to continue and the Network/Internet Settings menu will be displayed. Please refer to Connectivity section to configure a wired or a wireless connection. If you want your TV to consume less power in standby mode, you can disable the Wake On option by setting it as Off. After the settings are completed highlight Next and press OK button to continue.

On next screen you can set broadcast types to be searched, set your encrypted channel searching and time zone (depending on the country selection) preferences. Additionally you can set a broadcast type as your favourite one. Priority will be given to the selected broadcast type during the search process and the channels of it will be listed on the top of the channel list. When finished, highlight Next and press OK to continue.

About Selecting Broadcast Type

To turn a search option for a broadcast type highlight it and press OK. The checkbox next to the selected option will be checked. To turn the search option off clear the checkbox by pressing OK after moving the focus on the desired broadcast type option.

Digital Aerial: If D. Aerial broadcast search option is turned on, the TV will search for digital terrestrial broadcasts after other initial settings are completed.

Digital Cable: If D. Cable broadcast search option is turned on, the TV will search for digital cable broadcasts after other initial settings are completed. A message will be displayed before starting to search asking if you want to perform cable network search. If you select Yes and press OK you can select Network or set values such as Frequency, Network ID and Search Step on the next screen.

If you select No and press OK you can set Start Frequency, Stop Frequency and Search Step on the next screen. When finished, highlight Next and press OK button to continue.

Note: Searching duration will change depending on the selected Search Step.

Satellite: If Satellite broadcast search option is turned on, the TV will search for digital satellite broadcasts after other initial settings are completed. Before satellite search is performed some settings should be made. A menu will be displayed where you can select to start M7 or Fransat operator installation or a standard installation.

To start an M7 operator installation set the Install Type as Operator and the Satellite Operator as the related M7 operator. Then highlight Preferred Scan option and set as Automatic channel scan and press OK to start the automatic search. These options can be preselected depending on the Language and Country selections that you made in the earlier steps of the first time installation process. You may be asked to select HD/SD or country specific channel list according to your M7 operator type. Select one and press OK to proceed.

Wait till the scan is finished. Now the list has been installed.

While performing an M7 operator installation, if you want to use the satellite installation parameters that differ from the default settings select the Preferred Scan option as Manual channel scan and press the OK button to proceed. Antenna Type menu will be displayed next. After selecting the antenna type and the desired satellite in the following steps press OK in order to change the satellite installation parameters in the sub-menu.

To start a Fransat installation set the Install Type as Operator and then set the Satellite Operator as the related Fransat operator. Then press the OK button to start Fransat installation. You can select to start an automatic or manual installation.

Press OK to proceed. Fransat Installation will be performed and broadcasts will be stored (if available).

If you set the Install Type as Standard, you can continue with regular satellite installation and watch satellite channels.

You can start a Fransat installation at any time later from the Settings>Installation>Automatic channel scan> Satellite menu.

In order to search for satellite channels other than M7 or Fransat channels you should start a standard installation. Select the Install Type as Standard and press the OK button to proceed. Antenna Type menu will be displayed next.

There are three options for antenna selection. You can select Antenna Type as Direct, Single Satellite Cable or DiSEqC switch by using Left or Right buttons. After selecting your antenna type

press OK to see the options to proceed. Continue, Transponder list and Configure LNB options will be available. You can change the transponder and LNB settings using the related menu options.

- **Direct:** If you have a single receiver and a direct satellite dish, select this antenna type. Press OK to continue. Select an available satellite on the next screen and press OK to scan for services.
- **Single Satellite Cable:** If you have multiple receivers and a single satellite cable system, select this antenna type. Press OK to continue. Configure settings by following instructions on the next screen. Press OK to scan for services.
- **DiSEqC switch:** If you have multiple satellite dishes and a DiSEqC switch, select this antenna type. Press OK to continue. You can set four DiSEqC options (if available) on the next screen. Press OK button to scan the first satellite in the list.

Analogue: If Analogue broadcast search option is turned on, the TV will search for analogue broadcasts after other initial settings are completed. A dialogue screen asking to activate parental control will be displayed. If you select Yes, parental restriction options will be displayed. Configure as desired and press OK when finished. Select No and press OK to advance, if you don't want to activate parental restrictions.

After the initial settings are completed TV will start to search for available broadcasts of the selected broadcast types. While the search continues current scan results will be displayed at the bottom of the screen. After all the available stations are stored, Channels menu will be displayed. You can edit the channel list according to your preferences using the Edit tab options or press the Menu button to quit and watch TV.

While the search continues a message may appear, asking whether you want to sort channels according to the LCN(*). Select Yes and press OK to confirm.

(*) LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel number sequence (if available).

Notes: To search for M7 channels after the First Time Installation, you should perform the first time installation again. Or press the Menu button and enter the Settings>Installation>Automatic channel scan>Satellite menu. Then follow the same steps mentioned above in the satellite section. Do not turn off the TV while initializing first time installation. Note that, some options may not be available depending on the country selection.

Using Satellite Channel Table Feature

You can perform these operations using the Settings>Installation>Satellite Settings>Satellite Channel Table menu. There are two options regarding to this feature.

You can download or upload satellite channel table data. In order to perform these functions a USB device must be connected to the TV.

You can upload current services and related satellites transponders in TV, to a USB device.

Additionally you can download one of the satellite channel table files stored in USB device, to the TV.

When you select one of these files, all services and related satellites and transponders in the selected file will be stored in the TV. If there are any installed terrestrial, cable and/or analogue services, they will be kept and only satellite services will be removed.

Afterwards, check your antenna settings and make changes if necessary. An error message stating "No Signal" may be displayed if the antenna settings are not configured properly

Settings Menu Contents

Picture Menu Contents

Mode You can change the picture mode to suit your preference or requirements. Picture mode can be set to one of these options: Cinema, Game(optional), Sports, Dynamic and Natural. Dolby Vision Modes: If Dolby Vision content is detected Dolby Vision Dark and Dolby Vision Bright picture mode options will be available instead of Cinema and Natural modes.

Contrast Adjusts the light and dark values on the screen.

Brightness Adjusts the brightness values on the screen.

Sharpness Sets the sharpness value for the objects displayed on the screen.

Colour Sets the colour value, adjusting the colours.

Energy Saving For setting the Energy Saving to Custom, Minimum, Medium, Maximum, Auto, Screen Off or Off.

Note: Available options may differ depending on the selected Mode

Backlight This setting controls the backlight level. The backlight function will be inactive if the Energy Saving is set to an option other than Custom.

Advanced Settings

Dynamic Contrast You can change the dynamic contrast ratio to desired value.

Noise Reduction If the signal is weak and the picture is noisy, use the Noise Reduction setting to reduce the amount of noise.

Colour Temp Sets the desired colour temperature value. Cool, Normal, Warm and Custom options are available.

White Point If the Colour Temp option is set as Custom, this setting will be available. Increase the warmth' or 'coolness' of the picture by pressing Left or Right buttons.

Picture Zoom Sets the desired image size format.

Picture Shift This option may be available depending on the Picture Zoom setting. Highlight and press OK, then use directional buttons to shift the picture upwards or downwards.

Film Mode Films are recorded at a different number of frames per second to normal television programmes. Turn this feature on when you are watching films to see the fast motion scenes clearly.

Skin Tone Skin tone can be changed between -5 and 5.

Colour Shift Adjust the desired colour tone.

HDMI Full Range While watching from a HDMI source, this feature will be visible. You can use this feature to enhance blackness in the picture

Dolby Vision Notification Sets the notification appearance preference for Dolby Vision contents. When set as On, Dolby Vision logo will be displayed on the lower right side of the screen when Dolby Vision content is detected.

PC Position Appears only when the input source is set to VGA/PC.

Autoposition Automatically optimizes the display. Press OK to optimize.

H Position This item shifts the image horizontally to the right hand side or left hand side of the screen.

V Position This item shifts the image vertically towards the top or bottom of the screen.

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.

Phase Depending on the input source(computer etc.) you may see a hazy or noisy picture on the screen. You can use phase to get a clearer picture by trial and error.

Reset Resets the picture settings to factory default settings (except Game mode).

While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture menu while in PC mode.

Sound Menu Contents

- **Volume** Adjusts the volume level.
- **Equalizer** Selects the equalizer mode. Custom settings can be made only when in User mode.
- **Balance** Adjusts whether the sound comes from the left or right speaker.
- **Headphone** Sets headphone volume. Please ensure before using headphones that the headphone volume is set to a low level, to prevent damage to your hearing.
- **Sound Mode** You can select a sound mode (If the viewed channel supports).

- **Bluetooth (optional)** Press OK to open the Bluetooth menu screen. Using this screen you can discover and connect the Bluetooth wireless technology enabled sound devices to your TV.
- **AVL (Automatic Volume Limiting)** Sets the sound to obtain fixed output level between programmes.
- **Headphone/Lineout** When you connect an external amplifier to your TV using the headphone jack, you can select this option as Lineout. If you have connected headphones to the TV, set this option as Headphone.

Please ensure before using headphones that this menu item is set to Headphone. If it is set to Lineout, the output from the headphone socket will be set to maximum which could damage your hearing.

- **Dynamic Bass (optional)** Enables or disables the Dynamic Bass.
- **DTS TruSurround** Enables or disables the DTS TruSurround.
- **Digital Out** Sets digital out audio type.
- **Bass Gain (optional)** Controls the bass gain level. Use Left or Right button to set.

Network Menu Contents

- **Network Type** Disable the network connection or change the connection type.
- **Scan Wireless Networks** Start a search for wireless networks. This option will be available if the Network Type is set as Wireless Device.
- **Press WPS on your wifi router** If your modem/router device has WPS, you can directly connect to it using this option. Highlight this option and press OK. Go to your modem/router device and press the WPS button on it to make the connection. This option will be available if the Network Type is set as Wireless Device.
- **Internet Speed Test** Start a speed test to check your connection bandwidth. The result will be displayed on the screen when finished.
- **Advanced Settings** Change the IP and DNS configurations of your TV.
- **Wake On** Enable or disable this feature by setting it as On or Off.

Note: For detailed information on the options of this menu refer to the Connectivity section

Installation Menu Contents

- **Automatic channel scan (Retune)** Displays automatic tuning options. D. Aerial: Searches and stores aerial DVB stations. D. Cable: Searches and stores cable DVB stations. Analogue: Searches and stores analogue stations. Satellite: Searches and stores satellite stations.
- **Manual channel scan** This feature can be used for direct broadcast entry.

- **Network channel scan** Searches for the linked channels in the broadcast system. D. Aerial: Searches for aerial network channels. D. Cable: Searches for cable network channels. Satellite: Searches for satellite network channels.
- **Analogue fine tune** You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored and if currently watched channel is not an analogue channel.
- **Satellite Settings** Displays satellite settings. Satellite list: Displays available satellites. You can Add, Delete satellites or Edit satellite settings on the list. Antenna installation: You can change satellite antenna settings and/or start a satellite scan. Satellite Channel Table: You can upload or download satellite channel table data using the related options.
- **Installation Settings (optional)** Displays installation settings menu. Standby Search (*): Your TV will search for new or missing channels while in standby. Any new found broadcasts will be shown. Dynamic Channel Update(*): If this option is set as Enabled, the changes on the broadcasts such as frequency, channel name, subtitle language etc., will be applied automatically while watching.

(*) Availability depends on model.

- **Setup Home Transponder (*)** Using this menu, you can edit the main and backup home transponder parameters, including the Pid of the related M7(**) operator, which are used to download the channel list. Set your preferences and press the Green button to save the settings. Then start an M7(**) operator installation using the Automatic channel scan>Satellite menu.

(*) This menu option will only be available if an M7(**) operator installation is performed.

(**) Availability depends on model.

- **Clear Service List** Use this setting to clear channels stored. This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland.
- **Select Active Network** This setting allows you to select only the broadcasts within the selected network to be listed in the channel list. This feature is available only for the country option of Norway.
- **Signal Information** You can use this menu item to monitor signal related information such as signal level/ quality, network name etc for available frequencies.
- **First time installation** Deletes all stored channels and settings, resets TV to factory settings.
- **Fransat Options (optional)** Displays Fransat options.
 - Parental Control** Displays parental control options. Enter the PIN number you have defined in the initial installation to view current settings.
 - System Information** Displays system information.

Reception Information Displays current satellite reception information.

CAS-Module Displays current CAS module information.

Upgrade Displays software upgrade options.

Troubleshooting & Tips

TV will not turn on

- Make sure the power cord is plugged in securely to a wall outlet. Press the Power button on the TV.

Poor picture

- Check if you have correctly tuned the TV.
- Low signal level can cause picture distortion. Please check antenna connections.
- Check if you have entered the correct channel frequency if you have performed manual tuning.

No picture

- TV is not receiving any signal. Make sure the correct source has been selected.
- Is the antenna connected properly?
- Is the antenna cable damaged?
- Are suitable plugs used to connect the antenna?
- If you are in doubt, consult your dealer.

No sound

- Check if the TV sound is muted. Press the Mute button or increase the volume to check.
- Sound is coming from only one speaker. Check the balance settings from Sound menu.

Remote control - no operation

- The batteries may be exhausted. Replace the batteries.
- The batteries maybe inserted incorrectly. Refer to the section "Inserting the Batteries into the Remote".

No signal on an input source

- It is possible that no device is connected.
- Check the AV cables and connections from your device.
- Check the device is switched on.

Recording unavailable (optional)

- To record a programme, you should first correctly connect a USB storage device to your TV, while the TV is switched off. You should then switch on the TV to enable the recording feature. If you cannot record, check the storage device is correctly formatted and there is sufficient space.

USB is too slow (optional)

- If a “USB storage device writing speed too slow to record” message is displayed on the screen while starting a recording, try restarting the recording. If you still get the same error, it is possible that your USB storage device does not meet the speed requirements. Try using a different USB storage device.

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.