

## OPERATING INSTRUCTIONS TELEVISION

### Environmental Information

This television is designed to be environment friendly. To reduce energy consumption, you can follow these steps:

If you set the Energy Saving to Minimum, Medium, Maximum or Auto the TV will reduce the energy consumption accordingly. If you like to set the Backlight to a fixed value set as Custom and adjust the Backlight (located under the Energy Saving setting) manually using Left or Right buttons on the remote. Set as Off to turn this setting off.

*Note: Available Energy Saving options may differ depending on the selected Mode in the Settings>Picture menu.*

The Energy Saving settings can be found in the Settings>Picture menu. Note that some picture settings will be unavailable to be changed.

If pressed Right button or Left button consecutively, "Screen will be off in 15 seconds." message will be displayed on the screen. Select Proceed and press OK to turn the screen off immediately. If you don't press any button, the screen will be off in 15 seconds. Press any button on the remote or on the TV to turn the screen on again.

*Note: Screen Off option is not available if the Mode is set to Game.*

When the TV is not in use, please switch off or disconnect the TV from the mains plug. This will also reduce energy consumption

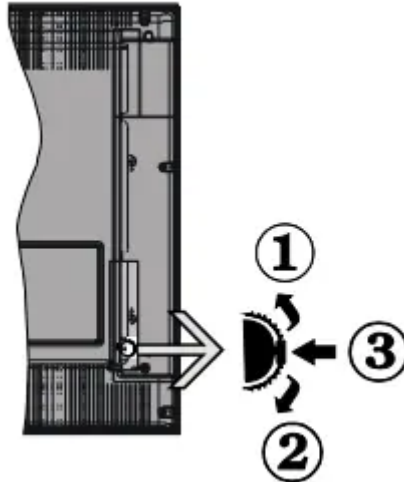
### Standby Notifications

If the TV does not receive any input signal (e.g. from an aerial or HDMI source) for 3 minutes, it will go into standby. When you next switch-on, the following message will be displayed: "TV switched to stand-by mode automatically because there was no signal for a long time."

The Auto TV OFF option(in the Settings>System >More menu) could have been set to a value between 1 and 8 hours by default. If this setting is not set as Off and the TV has been left on and not been operated during the set time, it will switch into standby mode after the set time has expired. When you next switch-on the TV, the following message will be displayed. "TV switched to stand-by mode automatically because no operation was made for a long time." Before the TV switches into standby mode a dialogue window will be displayed. If you do not press any button the TV will switch into the standby mode after a waiting period of about 5 minutes. You can highlight Yes and press OK to switch the TV into standby mode immediately. If you highlight No and press OK, the TV will remain on. You can also choose to cancel the Auto TV OFF function from this dialogue. Highlight Disable and press OK, the TV

will remain on and the function will be cancelled. You can enable this function again by changing the setting of the Auto TV OFF option from the Settings>System>More menu.

## 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.

### 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.

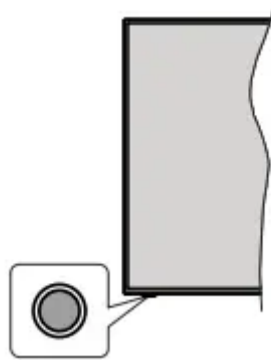
### Input Selection

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

## TV Control Button & Operation (optional)



*Note: The position of the control button may differ depending on the model.*

Your TV has a single control button. This button allows you to control the Standby-On / Source / Programme and Volume functions of the TV.

### Operating with the Control Button

- Press the control button to display the function options menu.
- Then press the button consecutively to move the focus to the desired option if needed.
- Press and hold the button for about 2 seconds to activate the selected option. The icon colour of the option changes when activated.
- Press the button once again to use the function or enter the sub menu.
- To select another function option, you will need to deactivate the last activated option first. Press and hold the button to deactivate it. The icon colour of the option changes when deactivated.
- To close the function options menu do not press the button for a period of about 5 seconds. The function options menu will disappear.

**To turn the TV off:** Press the control button to display the function options menu, the focus will be on the Standby option. Press and hold the button for about 2 seconds to activate this option. The icon colour of the option changes when activated. Then press the button once again to turn the TV off.

**To turn on the TV:** Press the control button, the TV will turn on.

**To change volume:** Press the control button to display the function options menu and then press the button consecutively to move the focus to Volume + or Volume - option. Press and hold the button for about 2 seconds to activate the selected option. The icon colour of the option changes when activated. Then press the button to increase or decrease the volume.

**To change channel:** Press the control button to display the function options menu and then press the button consecutively to move the focus to Programme + or Programme - option. Press and hold the button for about 2 seconds to activate the selected option. The icon colour of the option changes when activated. Then press the button to switch to the next or previous channel in the channel list.

**To change source:** Press the control button to display the function options menu and then press the button consecutively to move the focus to Source option. Press and hold the button for about 2 seconds to activate this option. The icon colour of the option changes when activated. Then press the button once again to display the sources list. Scroll through the available sources by pressing the button. TV will automatically switch to the highlighted source.

*Note: Main menu OSD cannot be displayed via the 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.

**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

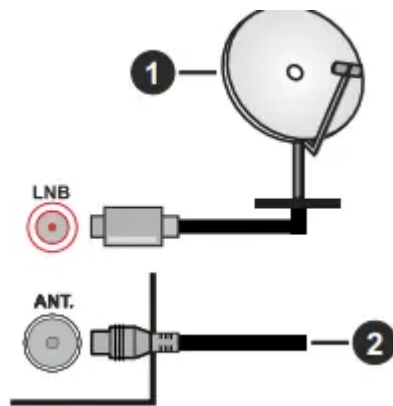
Remove the back cover to reveal the battery compartment. Insert two size AAA batteries. Make sure the (+) and (-) signs match (observe correct polarity). Do not mix old and new batteries. Replace only with same or equivalent type. Place the cover back on. A message will be displayed on the screen when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

Note that when the batteries are low, the performance of the remote control may be impaired.

## 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.

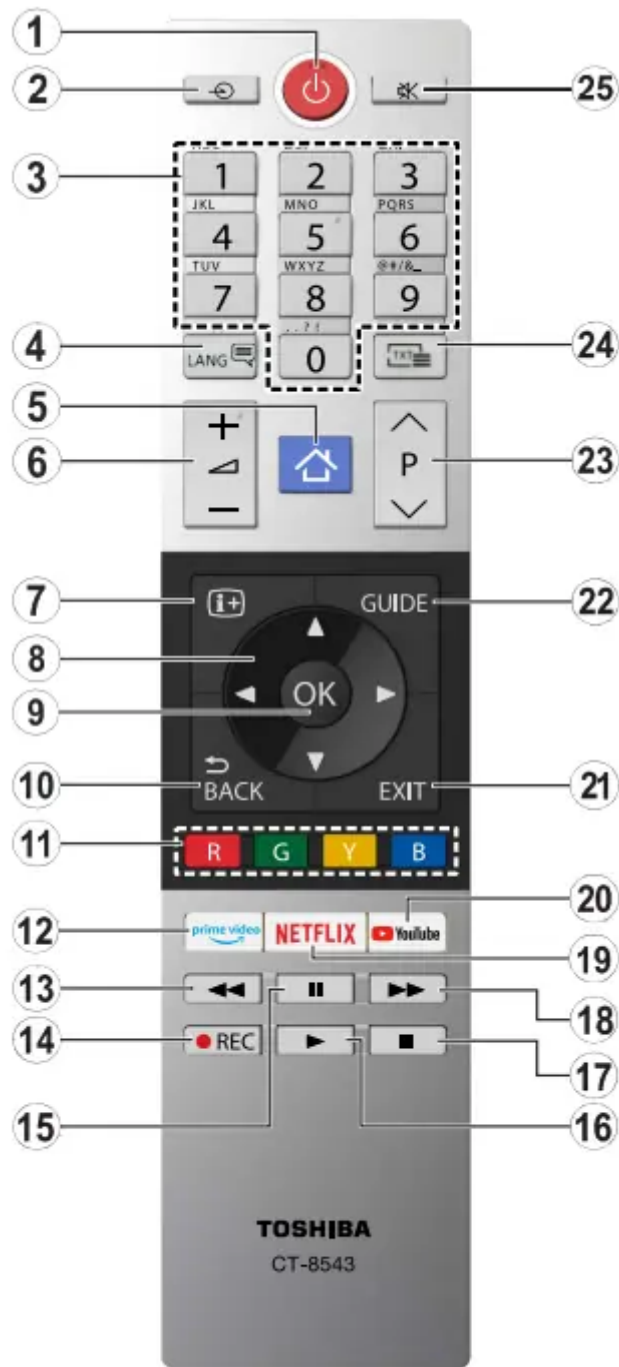
### Rear side of the TV



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.

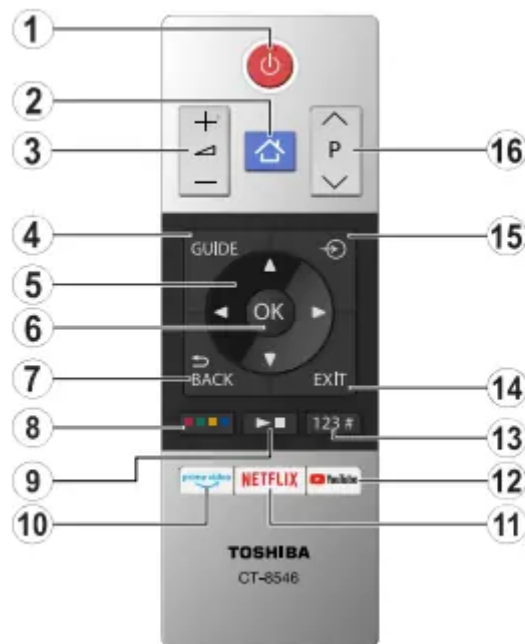
# Remote Control



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). Quickly cycles between previous and current channels or sources
11. Coloured Buttons: Follow the on-screen instructions for coloured button functions
12. Prime Video: Launches the Amazon Prime Video application
13. Rewind: Moves frames backwards in media such as movies
14. Record: Records programmes
15. Pause: Pauses the media being played, starts timeshift recording
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). Quickly cycles between previous and current channels or sources
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 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. Prime Video: Launches the Amazon Prime Video 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<br>    | PC/YPbPr Audio Connection (back)        | <br>YPbPr/PC Audio Cable           |    |
|                 | HDMI Connection (side&back)             |                                    |    |
| SPDIF<br>       | SPDIF (Optical Out) Connection (back)   |                                    |    |
| BACK AV<br>    | Back AV (Audio/Video) Connection (back) | <br>Audio Video Cable              |   |
| HEADPHONE<br> | Headphone Connection (side)             |                                  |  |
| YPBPR<br>     | YPbPr Video Connection (back)           | <br>PC to YPbPr Connection Cable |  |
|               | USB Connection (side)                   |                                   |  |
|               | CI Connection (side)                    |                                   |  |
| LAN<br>       | Ethernet Connection (back)              | <br>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.*

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.

**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. Then set the DiSEqC version and press OK to continue. You can set up to four satellites (if available) for version v1.0 and sixteen satellites for version v1.1 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 (LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel number sequence (if available)). Select Yes and press OK to confirm.

## General TV Operation

### Using the Channel List

The TV sorts all stored stations in the channel list. You can edit this channel list, set favourites or set active stations to be listed by using the Channels menu options. Press the OK button to open the channel list. You can filter the listed channels or make advanced changes in the current list using the Filter and Edit tab options. Highlight the tab you want and press OK to see available options.

*Note: The commands Move, Delete and Edit name in the TV>Channels>Edit menu are not available for channels that are being broadcasted from an M7 operator (If M7 is available).*

### Managing the Favourite Lists

You can create four different lists of your favourite channels. Enter the TV>Channels menu or press the OK button in order to open the Channels menu. Highlight the Edit tab and press OK to see the editing options and select the Tag/Untag channel option. Select the desired channel on the list by pressing the OK button while the channel is highlighted. You can make multiple choices. You can also use the Tag/ Untag all option to select all channels on the list.

Then press Back/Return button to return to the Edit menu options. Select Add/Remove Favourites option and press the OK button again. Favourite channel list options will be displayed. Set the desired list option to On. The selected channel/s will be added to the list. In order to remove a channel or channels from a favourite list follow the same steps and set the desired list option to Off.

You can use the filtering function in the Channels menu to filter the channels in the channel list permanently according to your preferences. For instance, using the options of the Filter tab, you can set one of your four favourite lists to be displayed every time the channel list is opened.

## Configuring Parental Settings

The Parental menu options can be used to prohibit users from viewing of certain programmes, channels and using of menus. These settings are located in the Settings>System>Parental menu.

To display parental lock menu options, a PIN should be entered. After coding the correct PIN, Parental menu will be displayed.

**Menu Lock:** This setting enables or disables access to all menus or installation menus of the TV.

**Maturity Lock:** If this option is set, TV gets the maturity information from the broadcast and if this maturity level is disabled, prohibits access to the broadcast.

*Note: If the country option in the First Time Installation is set as France, Italy or Austria, Maturity Lock's value will be set to 18 as default.*

**Child Lock:** If this option is set to On, the TV can only be controlled by the remote control. In this case the control buttons on the TV will not work.

**Internet Lock: If this option is set to On, the internet using applications will be disabled. Set to Off to release these applications again. Set PIN: Defines a new PIN number.**

**Default CICAM PIN:** This option will appear as greyed out if no CI module is inserted into the CI slot of the TV. You can change the default PIN of the CI CAM using this option.

**TV PIN** (This menu option will only be available if an M7 operator installation is performed.): By enabling or disabling this option you can allow or restrict some M7 operator channels to send PIN queries. These PIN queries provide an access control mechanism for related channels. If this option is set as On, the channels which send PIN queries can not be accessed without entering the right PIN first.

*Note: 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.*

## **Software Upgrade**

Your TV is capable of finding and updating the firmware automatically via the broadcast signal or via Internet.

### ***Software upgrade search via user interface***

On the main menu select Settings>System and then More. Navigate to Software upgrade and press the OK button. Then select Scan for upgrade and press OK button to check for a new software upgrade.

If a new upgrade is found, it starts to download the upgrade. After the download is completed, a warning will be displayed, press OK button to complete software upgrade process and restart TV.

### ***3 AM search and upgrade mode***

Your TV will search for new upgrades at 3:00 o'clock if Automatic scanning option is set to Enabled and if the TV is connected to an aerial signal or to Internet. If a new software is found and downloaded successfully, it will be installed at the next power on.

*Note: Do not unplug the power cord while led is blinking during the reboot process. If the TV fails to come on after the upgrade, unplug, wait for two minutes then plug it back in.*

*All updates are automatically controlled. If a manual search is carried out and no software is found then this is the current version.*

## **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.

### **The Image is not centered in VGA source**

To have your TV automatically center the image, enter the PC Position menu in Picture menu, highlight Autoposition and press OK. Wait for it to finish. In order to set the position of the image manually you can use H Position and V Position options. Select the desired option and use Left and Right directional buttons on the remote to set.

### **Recording unavailable**

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**

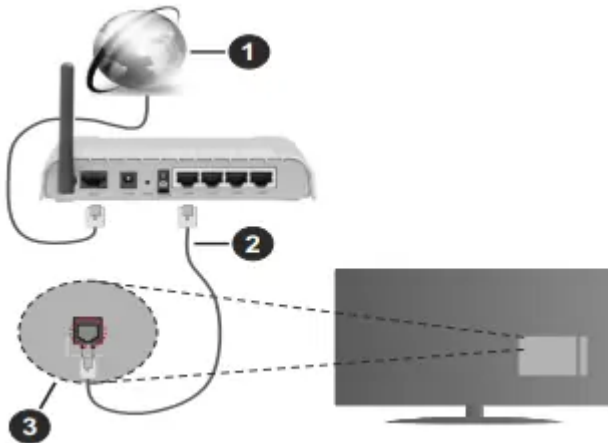
If a “USB storage device writing speed too slow to record” message is displayed on the screen while starting a recording, try restarting the recording. If you still get the same error, it is possible that your USB storage device does not meet the speed requirements. Try using a different USB storage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

# Connectivity

## Wired Connectivity

### To Connect to a Wired Network

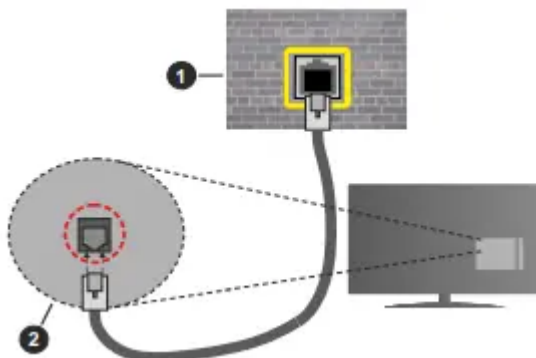
- You must have a modem/router connected to an active broadband connection.
- Connect your TV to your modem/router via an Ethernet cable. There is a LAN port at the rear (back) of your TV.



1. Broadband ISP connection
2. LAN (Ethernet) cable
3. LAN input on the rear side of the TV

### To configure wired settings refer to the Network section in the Settings menu.

- You might be able to connect your TV to your LAN depending on your network's configuration. In such a case, use an Ethernet cable to connect your TV directly to the network wall outlet.



1. Network wall socket
2. LAN input on the rear side of the TV

### Configuring Wired Device Settings

Network Type: The Network Type can be selected as Wired Device, Wireless Device or Disabled, in accordance with the active connection to the TV set. Select this as Wired Device if you are connecting via an Ethernet cable.

Internet Speed Test: Highlight Internet Speed Test and press the OK button. TV will check the internet connection bandwidth and display the result when complete.

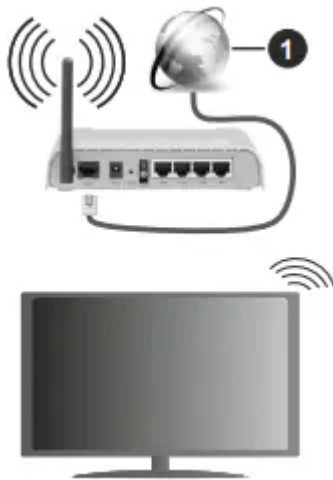
### Advanced Settings

Highlight Advanced Settings and press the OK button. On the next screen you can change the IP and DNS settings of the TV. Highlight the desired one and press Left or Right button to change the setting from Automatic to Manual. Now you can enter the Manual IP and / or Manual DNS values. Select the related item in the drop down menu and enter the new values using the numeric buttons of the remote. Highlight Save and press the OK button to save settings when complete.

## Wireless Connectivity

### To Connect to a Wireless Network

The TV cannot connect to the networks with a hidden SSID. To make your modem's SSID visible, you should change your SSID settings via the modem's software.



#### 1. Broadband ISP connection

A Wireless-N router (IEEE 802.11a/b/g/n) with simultaneous 2.4 and 5 GHz bands is designed to increase bandwidth. These are optimized for smoother and faster HD video streaming, file transfers and wireless gaming.

- The frequency and channel differ depending on the area.
- The transmission speed differs depending on the distance and number of obstructions between the transmission products, the configuration of these products, the radio wave conditions, the line traffic and the products that you use. The transmission may also be cut off or may get disconnected depending on the radio wave conditions, DECT phones or any other WLAN 11b appliances. The standard values of the

transmission speed are the theoretical maximum values for the wireless standards. They are not the actual speeds of data transmission.

- The location where the transmission is most effective differs depending on the usage environment.
- The Wireless feature of the TV supports 802.11 a,b,g & n type modems. It is highly recommended that you should use the IEEE 802.11n communication protocol in order to avoid any possible problems while watching videos.
- You must change your modem's SSID when there are any other modems around with the same SSID. You can encounter connection problems otherwise. Use a wired connection if you experience problems with a wireless connection.

### **Configuring Wireless Device Settings**

Open the Network menu and select Network Type as Wireless Device to start connection process. Highlight Scan Wireless Networks option and press OK to start a search for available wireless networks. All found networks will be listed. Highlight your desired network from the list and press OK to connect.

*Note: If the modem supports N mode, you should set N mode settings.*

If the selected network is password-protected, enter the correct key by using the virtual keyboard. You can use this keyboard via the directional buttons and the OK button on the remote control. Wait until the IP address is shown on the screen.

This means that the connection is now established. To disconnect from a wireless network, highlight Network Type and press Left or Right buttons to set as Disabled.

If your router has WPS, you can directly connect to the modem/router without entering a password or adding the network first. Highlight Press WPS on your wifi router option and press OK. Go to your modem/router device and press the WPS button on it to make the connection. You will see a connection confirmation on your TV once the devices have paired. Select OK to proceed. No further configuration is required.

Highlight Internet Speed Test and press the OK button to check your internet connection speed. Highlight Advanced Settings and press the OK button to open the advanced setting menu. Use directional and numeric buttons to set. Highlight Save and press the OK button to save settings when complete

### **Other Information**

The status of the connection will be displayed as Connected or Not Connected and the current IP address, if a connection is established.

### **Connecting to your mobile device via WLAN**

- If your mobile device has WLAN feature, you can connect it to your TV via a router, in order to access the content in your device. For this, your mobile device must have an

appropriate sharing software. Connect your TV to your router following the steps mentioned in the sections above.

Afterwards, connect your mobile device to the router and then activate the sharing software on your mobile device. Then, select files that you want to share with your TV. If the connection is established correctly, you will be able to access the shared files installed on your mobile device via the AVS(audio video sharing) feature of your TV.

Highlight the AVS option in the Sources menu and press OK, available media server devices in the network will be displayed. Select your mobile device and press the OK button to continue.

- If available, you can download a virtual remote controller application from the server of your mobile device application provider.

## **Connecting Bluetooth Devices (optional)**

Your TV supports Bluetooth wireless connection technology too. A pairing is required before using Bluetooth devices with the TV set. You should do the following to pair your device with the TV:

- Set the device to pairing mode
- Start device discovery on the TV

*Note: Refer to the user manual of the Bluetooth device to learn how to set the device to pairing mode.*

You can connect audio devices or remote controllers to your TV using the Bluetooth wireless technology. Unplug or switch off any other connected audio device in order for wireless connection feature to work correctly. For audio devices you should use the Bluetooth option in the Settings>Sound menu, for remote controllers the Smart Remote option in the Settings>System>More menu. Select the menu option and press the OK button to open the related menu. Using this menu you can discover and connect the devices that use the Bluetooth wireless technology and start to use them. Follow the onscreen instructions. Start the device discovery. A list of available Bluetooth devices will be displayed. Select the device you want to connect from the list and press the OK button to connect. If “Device connected” message is displayed, the connection is successfully established. If the connection fails try it again.

## **Connectivity Troubleshooting**

### **Wireless Network Not Available**

- Ensure that any firewalls of your network allow the TV wireless connection.

- Try searching for wireless networks again, using the Network menu screen. If the wireless network does not function properly, try using the wired network in your home. Refer to the Wired Connectivity section for more information on the process.

If the TV does not function using the wired connection, check the modem (router). If the router does not have a problem, check the internet connection of your modem.

### **Connection is Slow**

See the instruction book of your wireless modem to get information on the internal service area, connection speed, signal quality and other settings. You need to have a high speed connection for your modem.

### **Disruption during playback or slow reactions**

You could try the following in such a case: Keep at least three meters distance from microwave ovens, mobile telephones, Bluetooth devices or any other WLAN compatible devices. Try changing the active channel on the WLAN router.

### **Internet Connection Not Available / Audio Video Sharing Not Working**

If the MAC address (a unique identifier number) of your PC or modem has been permanently registered, it is possible that your TV might not connect to the internet. In such a case, the MAC address is authenticated each time when you connect to the internet. This is a precaution against unauthorized access. Since your TV has its own MAC address, your internet service provider cannot validate the MAC address of your TV. For this reason, your TV cannot connect to the internet. Contact your internet service provider and request information on how to connect a different device, such as your TV, to the internet.

It is also possible that the connection may not be available due to a firewall problem. If you think this causes your problem, contact your internet service provider. A firewall might be the reason of a connectivity and discovery problem while using the TV in Audio Video Sharing mode or while browsing via Audio Video Sharing feature.

### **Invalid Domain**

Ensure that you have already logged on to your PC with an authorized username/password and also ensure that your domain is active, prior to sharing any files in your media server program on your PC. If the domain is invalid, this might cause problems while browsing files in Audio Video Sharing mode.

### **Using Audio Video Sharing Network Service**

Audio Video Sharing feature uses a standard that eases the viewing process of digital electronics and makes them more convenient to use on a home network. This standard

allows you to view and play photos, music and videos stored in the media server connected to your home network

1. **Server Software Installation** The Audio Video Sharing feature cannot be used if the server programme is not installed onto your PC or if the required media server software is not installed onto the companion device. Prepare your PC with a proper server programme.
2. **Connect to a Wired or Wireless Network** See the Wired/Wireless Connectivity chapters for detailed configuration information.
3. **Enable Audio Video Sharing** Enter the Settings>System>More menu and enable the AVS option.
4. **Play Shared Files via Media Browser** Highlight the AVS option in the Sources menu by using the directional buttons and press OK. Available media server devices in the network will be listed. Select one and press OK to continue. The media browser will then be displayed.

Refer to the Media Browser menu section for further information on file playback.

If a problem occurs with the network, switch your television off at the wall socket and back on again. Trick mode and jump are not supported with the Audio Video Sharing feature.

PC/HDD/Media Player or any other devices that are compatible should be used with a wired connection for higher playback quality.

Use a LAN connection for quicker file sharing between other devices like computers.

*Note: There may be some PC's which may not be able to utilize the Audio Video Sharing feature due to administrator and security settings (such as business PC's).*

## Apps

You can access the applications installed on your TV from Apps menu. Highlight an app and press OK to launch.

In order to manage the apps installed on your TV, add new apps from the market or to see all available apps in full screen mode highlight the Add More option and press OK. Using this menu option you can add an installed app to Home menu, launch or remove it. Removed apps will no longer be accessible from Apps menu. You can also add new apps from the market. In order to enter the market highlight the shopping basket logo located on the upper left side of the screen and press OK. Available apps in the market will be displayed. Use directional buttons to highlight an app and press OK. Highlight Add to Apps option and press OK again to add the selected app to Apps menu.

For quick access to Add More menu you can press the Internet button on the remote, if this button is available.

*Notes: Possible application dependent problems may be caused by the content service provider. Third party internet services may change, be discontinued or restricted at any time.*

## **Alexa Ready Feature (optional)**

Alexa is Amazon's cloud-based voice service available on many voice controlled assistant devices. Your TV is compatible with and ready to be utilized with Alexa devices. With this feature you can use your voice to control functions on your TV, such as turning on or off, changing channel or input source, controlling volume, and more.

**Requirements** - The following requirements should be fulfilled:

- Alexa Ready Smart TV
- Amazon Alexa device
- A mobile device, such as your phone or tablet, with Smart Center and Amazon Alexa apps installed on it
- Home network with WLAN capabilities
- Amazon account

### **How to control your TV with an Amazon Alexa Device**

- Connect your TV and mobile device to the same network with internet access as your Alexa device.
- Pair the Smart Center app with your TV. Then tap on the Amazon logo on the main screen of the Smart Center app. You will be directed to a registration page. Follow the on-screen instructions to complete your TV's registration and linking process.
- You will be asked to determine a name for your TV, called 'Friendly Name'(FN). A 'Friendly Name' is a name that reminds you of your TV, such as 'Living Room TV', 'Kitchen TV', 'Dining Room TV', etc. Choose an easy-to-say name. You will say this name to tell Alexa which TV to control.
- Pair the Alexa app on your mobile device with the Alexa device, search for the skill of your TV by the brand name and enable it in the Alexa app. For more information, you can refer to the user manual of the Alexa device.
- Ask Alexa to discover your devices. Say, "discover my devices," or select Discover Devices in the related section of the Alexa app.

Once the discovery process is complete, you will be able to control your TV by voice.

*Note: Make sure that the devices are connected to the same network. But once these pairing and linking processes are completed the Alexa device and your TV will no longer have to be on the same network. After you have performed First Time Installation on your TV, launch the Smart Center application and pair it with your TV again. Then tap on the Amazon logo on the main screen and check if you are logged in to your Amazon account, if not you might*

*need to re-login and determine a Friendly Name again for your TV in order to be able to continue to control your TV with Alexa 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.

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