

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

WARNING 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

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

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.

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.

Switching On/Off (optional)

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 control button on the TV.

To Switch the TV Off

- Press the Standby button on the remote control.
- Press the control button on the TV, the function options menu will be displayed. 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 will change. Then press the button once again, 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

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. 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(*). 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.

Media Playback via USB Input

You can connect 2.5” and 3.5” inch (HDD with external power supply) external hard disk drives or USB memory stick to your TV by using the USB inputs of the TV.

IMPORTANT! Back up the files on your storage devices before connecting them to the TV. Manufacturer will not be responsible for any file damage or data loss. Certain types of USB devices (e.g. MP3 Players) or USB hard disk drives/memory sticks may not be compatible with this TV. The TV supports FAT32 and NTFS disk formatting but recording (optional) will not be available with NTFS formatted disks.

While formatting USB hard drives which have more than 1TB (Tera Byte) storage space you may experience some problems in the formatting process.

Wait a little while before each plugging and unplugging as the player may still be reading files. Failure to do so may cause physical damage to the USB player and the USB device itself. Do not pull out your drive while playing a file.

You can use USB hubs with your TV’s USB inputs. External power supplied USB hubs are recommended in such a case.

It is recommended to use the TV’s USB input(s) directly, if you are going to connect a USB hard disk.

Note: When viewing image files the Media Browser menu can only display 1000 image files stored on the connected USB device.

USB Recording (optional)

Recording a Programme

IMPORTANT: When using a new USB hard disk drive, it is recommended that you first format the disk using your TV's Format Disk option in the TV>Recordings>Settings menu.

To record a programme, you should first connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable the recording feature. To use recording your USB drive should have 2 GB free space and be USB 2.0 compatible. If the USB drive is not compatible an error message will be displayed. To record long duration programmes such as movies, it is recommended to use USB Hard disk drives (HDD's). Recorded programmes are saved into the connected USB disk. If desired, you can store/copy recordings onto a computer; however, these files will not be available to be played on a computer. You can play the recordings only via your TV.

Lip Sync delay may occur during the timeshifting. Radio record is supported. The TV can record programmes up to ten hours.

Recorded programmes are split into 4GB partitions. If the writing speed of the connected USB disk is not sufficient, the recording may fail and the timeshifting feature may not be available.

It is recommended to use USB hard disk drives for recording HD programmes.

Do not pull out the USB/HDD during a recording. This may harm the connected USB/HDD.

If the AC cord is unplugged while there is an active USB-recording timer setting, it will be cancelled. Multipartition support is available. A maximum of two different partitions are supported. The first partition of the USB disk is used for USB Recording ready features. It also must be formatted as the primary partition to be used for the USB Recording ready features.

Some stream packets may not be recorded because of signal problems, as a result sometimes videos may freeze during playback.

Record, Play, Pause, Display (for playlist dialogue) keys can not be used when teletext is on. If a recording starts from timer when teletext is on, teletext is automatically turned off. Also teletext usage is disabled when there is an ongoing recording or playback.

Timeshift Recording

Press Pause button while watching a broadcast to activate timeshifting mode. In timeshifting mode, the programme is paused and simultaneously recorded to the connected USB disk.

Press Play button again to resume the paused programme from where you stopped. Press the Stop button to stop timeshift recording and return to the live broadcast.

Timeshift cannot be used while in radio mode.

You can use the timeshift rewind feature after resuming normal playback or fast forward option.

Instant Recording

Press Record button to start recording an event instantly while watching a programme. You can press Record button on the remote control again to record the next event after selecting the next programme from within the electronic programme guide. Press Stop button to cancel instant recording.

You can not switch broadcasts or view the media browser during the recording mode. While recording a programme or during the timeshifting, a warning message appears on the screen if your USB device speed is not sufficient.

Watching Recorded Programmes

Select Recordings from the TV menu. Select a recorded item from the list (if previously recorded).

Press the OK button to view the Options menu. Select an option then press OK button.

Note: Viewing main menu and menu items will not be available during the playback.

Press the Stop button to stop a playback and return to the Recordings.

Slow Forward

If you press Pause button while watching recorded programmes, the slow forward feature will be available. You can use Fast Forward button to slow forward. Pressing Fast Forward button consecutively will change slow forwarding speed.

Recording Configuration

Select the Settings tab in the TV>Recordings menu to configure the recording settings and press OK.

Format Disk: You can use the Format Disk option for formatting the connected USB disk. Your PIN will be required to use the Format Disk feature.

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.

IMPORTANT: Formatting your USB drive will erase ALL the data on it and it's file system will be converted to FAT32. In most cases operation errors will be fixed after a format but you will lose ALL your data.

If "USB disk 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 disk does not meet the speed requirements. Try connecting another USB disk.

The recording function has been designed for private use and entertainment in your environment.

Please note that any commercial use of the recording function could lead to copyright infringement of authors' rights. Toshiba asks you to respect the intellectual property rights of third parties.

Media Browser

You can play back music and movie files and display photo files stored on a USB storage device by connecting it to your TV. Connect a USB storage device to one of the USB inputs located on the side of the TV.

After connecting a USB storage device to your TV Media Browser menu will be displayed on the screen. You can access the content of the connected USB device any time later from the Sources menu. Select the related USB input option from this menu and press OK. Then select the file of your choice and press OK to display or play it back.

You can set your Media Browser preferences by using the Settings menu. Settings menu can be accessed via the information bar which is displayed on the bottom of the screen when pressed the Info button while playing back a video file or displaying a picture file. Press the Info button, highlight the gear wheel symbol positioned on the right side of the information bar and press OK. Picture Settings, Sound Settings, Media Browser Settings and Options menus will be available. The contents of these menus may change according to the type of the currently open media file.

Only Sound Settings menu will be available while playing back audio files

To use the functions on the information bar highlight the symbol of the function and press OK. To change the status of a function highlight the symbol of the function and press OK as much as needed. If the symbol is marked with a red cross, that means it is deactivated.

Custom Boot Up Logo

You can personalize your TV and see your favourite image or photo on the screen each time your TV boots up. To do this, copy your favourite image files into a USB disk and open them in the Media Browser. Select USB input from the Sources menu and press OK. When you have chosen the desired image, highlight it and press OK to view it in full screen. Press the Info button, highlight the gear wheel symbol on the information bar and press OK. Select Options and press OK to enter. Set Boot Logo option will be available. Highlight it and press OK again to choose the image as custom boot logo. A confirmation message will be displayed. Select Yes and press OK again. If the image is suitable(*) you will see it on the screen during the TV's next boot up.

Note: If you perform a First Time Installation the TV will return to using the default logo, if any.

(*) Images must have an aspect ratio between 4:3 to 16:9 and they must be in .jpeg, .jpg or .jpe file formats. The image cannot be set as boot logo, which's resolution doesn't appear on the info banner.

FollowMe TV

With your mobile device you can stream the current broadcast from your smart TV using the FollowMe TV feature. Install the appropriate Smart Center application to your mobile device. Start the application.

For further information on using this feature refer to the instructions of the application you use.

Note: Depending on model, your TV may not support this function. The application may not be compatible with all mobile devices. Both of the devices must be connected to the same network.

CEC

This function allows to control the CEC-enabled devices, that are connected through HDMI ports by using the remote control of the TV.

The CEC option in the Settings>System>More menu should be set as Enabled at first. Press the Source button and select the HDMI input of the connected CEC device from the Sources List menu. When new CEC source device is connected, it will be listed in source menu with its own name instead of the connected HDMI ports name(such as DVD Player, Recorder 1 etc.).

The TV remote is automatically able to perform the main functions after the connected HDMI source has been selected. To terminate this operation and control the TV via the remote again, press and hold the “0- Zero” button on the remote control for 3 seconds.

You can disable the CEC functionality by setting the related option under the Settings>System>More menu accordingly.

The TV supports ARC (Audio Return Channel). This feature is an audio link meant to replace other cables between the TV and an audio system (A/V receiver or speaker system).

When ARC is active, the TV does not mute its other audio outputs automatically. You will need to decrease TV volume to zero manually if you wish to hear the ARC audio only (same as optical or co-axial digital audio outputs). If you want to change connected device’s volume level, you should select that device from the source list. In that case volume control keys are directed to connected audio device.

Note: ARC is supported only via the HDMI2 input.

System Audio Control

Allows an Audio Amplifier/Receiver to be used with the TV. The volume can be controlled using the remote control of the TV. To activate this feature set the Speakers option in the Settings>System>More menu as Amplifier. The TV speakers will be muted and the sound of the watched source will be provided from the connected sound system.

Note: The audio device should support System Audio Control feature and CEC option should be set as Enabled.

E-Manual

You can find instructions for your TV’s features in the E-Manual.

To access the E-Manual, enter Settings menu, select Manuals and press OK. For quick access press Menu button and then Info button.

By using the directional buttons select a desired category. Every category includes different topics. Select a topic and press OK to read instructions.

To close the E-Manual screen press the Exit or Menu button.

Note: Depending on model, your TV may not support this function. The contents of the E-Manual may vary according to the model.

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** If the image is not centered in VGA mode use this option to automatically adjust the position of the image. Press OK to start the auto adjustment.
- **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).

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.

If the Dolby Audio menu item is set to an option other than Off the AVL setting options will change. Auto, Night, Normal and Off options will be available. In Auto mode the TV will switch to Normal or Night mode automatically according to the current time information. If no time information is available this option will always function as Normal. When the TV switches to Night mode for the first time after setting this option as Auto, an information bar will pop up on the screen.

Please note that compared to Normal mode Night mode provides more aggressive dynamic compression control which is suitable for silent environments.

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.

Dolby Audio

Smart, Movie, Music, News and Off options will be available. Set as Off to disable.

Note: Some items in Sound menu will be grayed out and unavailable if set to an option other than Off.

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.

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 M7operator installation using the Automatic channel scan>Satellite menu.

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.

System Menu Contents

Conditional Access

Controls conditional access modules when available.

Language

You may set a different language depending on the broadcaster and the country.

Privacy Settings (*)

Manage your privacy privileges for smart TV related applications. Press OK to enter the menu and set according to your preferences.

Parental

Enter correct password to change parental settings. You can easily adjust Menu Lock, Maturity Lock, Child Lock or Guidance in this menu. You can also set a new PIN or change the Default CICAM PIN using the related options.

Note: Some menu options may not be available depending on the country selection in the First Time Installation. 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.

Date/Time

Sets date and time.

Sources

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 (optional) 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.

Accessibility

Displays accessibility options of the TV.

- **Hard of Hearing** Enables any special feature sent from the broadcaster.
- **Audio Description** A narration track will be played for the blind or visually impaired audience. Press OK to see all available Audio Description menu options. This feature is available only if the broadcaster supports it.

Note (optional): Audio description sound feature is not available in recording or time shifting mode.

Netflix

If this feature is supported by your TV, you can view your ESN(*) number and deactivate Netflix.

(*) ESN number is an unique ID number for Netflix, created especially to identify your TV.

More

Displays other setting options of the TV.

- **Menu Timeout** Changes timeout duration for menu screens.
- **Standby LED** If set as Off the standby LED will not light up when the TV is in standby mode.
- **HBBTV (*)** You can enable or disable this feature by setting it as On or Off.
- **Software Upgrade** Ensures that your TV has the latest firmware. Press OK to see the menu options.
- **Application Version** Displays current software version.
- **Subtitle Mode** This option is used to select which subtitle mode will be on the screen (DVB subtitle / Teletext subtitle) if both is available. Default value is DVB subtitle. This feature is available only for the country option of Norway.
- **Auto TV OFF** Sets the desired time for the TV to automatically go into standby mode when not being operated.
- **Biss Key** Biss is a satellite signal scrambling system that is used for some broadcasts. If you need to enter Biss key on a broadcast, you can use this setting. Highlight Biss Key and press OK to enter keys on the desired broadcast.
- **Store Mode** Select this mode for store display purposes. Whilst Store Mode is enabled, some items in the TV menu may not be available.
- **AVS (Audio Video Sharing)** AVS feature allows you to share files stored on your smartphone or tablet pc. If you have a compatible smartphone or tablet pc and the appropriate software is installed, you can share/play photos on your TV. See instructions of your sharing software for more information.
- **Power Up Mode** This setting configures the power up mode preference. Last State and Standby options are available.
- **Virtual Remote** Enable or disable the virtual remote feature.

- **CEC** With this setting you can enable and disable CEC functionality completely. Press Left or Right button to enable or disable the feature.
- **CEC Auto Power On** This function allows the connected HDMI-CEC compatible device to turn on the TV and switch to its input source automatically. Press Left or Right button to enable or disable the feature.
- **Speakers** To hear the TV audio from the connected compatible audio device set as Amplifier.
- You can use the remote control of the TV to control the volume of the audio device.
- **Smart Remote (optional)** Press OK to open the Smart Remote menu screen. Using this screen you can discover and connect the Bluetooth wireless technology enabled remote controller devices to your TV.
- **Show All Cookies(*)** Displays all saved cookies.
- **Delete All Cookies (*)** Deletes all saved cookies.
- **OSS** Displays Open Source Software license information.

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(*): 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.

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

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.

Some options may not be available depending on the model and/or on the country selection in the First Time Installation.

Electronic Programme Guide

By means of electronic programme guide function of your TV you can browse the event schedule of the currently installed channels on your channel list. It depends on the related broadcast whether this feature is supported or not.

To access the programme guide, press the Guide button on your remote. You can also use the Guide option under TV menu.

There are 2 different types of schedule layouts available, Timeline Schedule and Now/Next. To switch between these layouts highlight the tab with the name of the alternative layout on the upper side of the screen and press OK.

Use the directional buttons to navigate through the programme guide. Use the Back/Return button to use the tab options on the upper side of the screen.

Timeline Schedule

In this layout option, all events of the listed channels will be displayed by timeline. You can use the directional buttons to scroll through the list of the events. Highlight an event and press OK to display event options menu.

Press Back/Return button to use available tab options. Highlight Filter tab and press OK to see the filtering options. To change the layout highlight Now/Next and press OK. You can use the Previous Day and Next Day options to display the events of the previous and next day.

Highlight Extras tab and press OK to access below options.

Highlight Genre: Displays Highlight Genre menu. Select a genre and press OK. The events in the programme guide matching the selected genre will be highlighted.

Guide Search: Displays searching options. Using these options, you can search the programme guide database in accordance with the selected criteria. Matching results will be listed.

Now: Displays current event of the highlighted channel.

Zoom: Highlight and press OK to see events in a wider time interval.

Now/Next Schedule

In this layout option, only the current and next events of the listed channels will be displayed. You can use the directional buttons to scroll through the list of the events.

Press Back/Return button to use available tab options. Highlight Filter tab and press OK to see the filtering options. To change the layout highlight Timeline Schedule and press OK.

Event Options

Use the directional buttons to highlight an event and press OK button to display Options menu. The following options are available.

Select Channel: Using this option, you can switch to the selected channel in order to watch it. The programme guide will be closed.

More Info: Display detailed information on the selected event. Use up and down directional buttons to scroll through the text.

Set Timer on Event / Delete Timer on Event: Select Set Timer on Event option and press OK. You can set timers for future events. To cancel an already set timer, highlight that event and press the OK button. Then select Delete Timer on Event option. The timer will be cancelled.

Record / Delete Rec. Timer (optional): Select the Record option and press the OK button. If the event is going to be broadcasted at a future time, it will be added to Timers list to be recorded. If the selected event is being broadcasted at the moment, recording will start immediately.

To cancel an already set record timer, highlight that event and press the OK button and select the option Delete Rec. Timer. The record timer will be cancelled.

IMPORTANT: Connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable the recording feature.

Notes: You cannot switch to any other channel while there is an active recording or timer on the current channel.

It is not possible to set timer or record timer for two or more individual events at the same time interval.

Teletext Services

Press the Text button to enter. Press again to activate mix mode, which allows you to see the teletext page and the TV broadcast at the same time. Press once more to exit. If available, sections in the teletext pages will become colour-coded and can be selected by pressing the coloured buttons. Follow the instructions displayed on the screen.

Digital Teletext

Press the Text button to view digital teletext information. Operate it with the coloured buttons, cursor buttons and the OK button. The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on the digital teletext screen. When the Text button is pressed again, the TV returns to television broadcast.

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 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.

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.