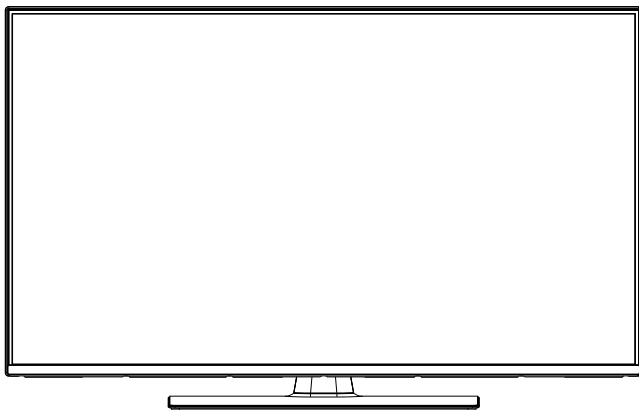


WALKER

OPERATING INSTRUCTIONS



WP4K43231BRD


COLOUR TELEVISION WITH REMOTE CONTROL

SAORVIEW

HDMI™
HIGH-DEFINITION MULTIMEDIA INTERFACE

www.glendimplexireland.com

Contents	30
Safety Information.....	31
Markings on the Product.....	31
Environmental Information.....	31
Features.....	32
Ultra HD (UHD).....	33
High Dynamic Range (HDR) / Hybrid Log-Gamma (HLG).....	33
Dolby Vision.....	33
Accessories Included.....	34
Standby Mode Picture.....	34
Standby Notifications.....	35
TV Control Button & Operation.....	35
Using Main TV Menu.....	36
Inserting the Batteries into the Remote.....	37
Power Connection.....	38
Antenna Connection.....	8
Licence Notification.....	8
Disposal Information.....	9
Specification.....	10
Remote Control.....	11
Connections.....	12
Switching On/Off.....	13
First Time Installation.....	13
Using Satellite Channel Table Feature.....	14
Media Playback via USB Input.....	15
USB Recording.....	15
Media Browser.....	16
FollowMe TV.....	17
CEC.....	17
Game Mode.....	17
E-Manual.....	17
Settings Menu Content.....	18
General TV Operation.....	25
Using the Channel List.....	25
Configuring Parental Settings.....	25
Electronic Programme Guide.....	25
Teletext Services.....	26
Software Upgrade.....	26
Troubleshooting & Tips.....	27
HDMI Signal Compatibility.....	28
Supported File Formats for USB Mode.....	29
Video File Formats.....	29
Picture File Formats.....	29
Audio File Formats.....	29
Subtitle File Formats.....	29

Safety Information	
CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE COVER (OR BACK). NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.	
In extreme weather (storms, lightning) and long inactivity periods (going on holiday) disconnect the TV set from the mains.	
The mains plug is used to disconnect TV set from the mains and therefore it must remain readily operable. If the TV set is not disconnected electrically from the mains, the device will still draw power for all situations even if the TV is in standby mode or switched off.	
<i>Note:</i> Follow the on screen instructions for operating the 'rested' feature.	
IMPORTANT - Please read these instructions fully before installing or operating	
WARNING: This device is intended to be used by persons (including children) who are capable / experienced of operating such a device unsupervised, unless they have been given supervision or instruction concerning the use of the device by a person responsible for their safety.	
• Use this TV set at an altitude of less than 5000 metres above the sea level, in dry locations and in regions with moderate or tropical climates.	
• The TV set is intended for household and similar indoor use but may also be used in public places.	
• For ventilation purposes, leave at least 5cm of free space around the TV.	
• The ventilation should not be impeded by covering or blocking the ventilation openings with items, such as newspapers, table-cloths, curtains, etc.	
• The power cord/plug should be easily accessible. Do not place the TV, on the floor, on a rug or on a carpeted floor, according to the cause of fire or other you an electric shock. Handle the power cord by the plug, do not unplug the TV by pulling the power cord. Never touch the power cord/plug with wet hands as this could cause a short circuit or electric shock. Never make a knot in the power cord or tie it with other cords. When damaged it must be replaced, this should only be done by qualified personnel.	
• Do not expose the TV to dripping or splashing of liquids and do not place objects filled with liquids, such as vases, cups, etc. on or over the TV (e.g. on shelves above the unit).	
• Do not expose the TV to direct sunlight or do not place open flames such as lit candles on the top of or near the TV.	

- Do not place any heat sources such as electric heaters, radiators, etc. near the TV or on the TV.
- Do not touch the TV on the floor or polished surfaces.
- To avoid danger of suffocation, keep plastic bags out of the reach of babies, children and domestic animals.
- Carefully attach the stand to the TV. If the stand is provided with screws, tighten the screws firmly to prevent the TV from tilting. Do not over-tighten the screws and mount the stand rubbers properly.
- Do not dispose of the batteries in fire or with hazardous or flammable materials.

WARNING

- Batteries must not be exposed to excessive heat such as sunshine, fire or the like.
- Excessive sound pressure, from earphones or headphones can cause hearing loss.

ABOVE ALL - NEVER let anyone, especially children, push or hit the screen, push anything into holes, slots or any other openings in the TV.

	Caution	Serious injury or death risk
	Risk of electric shock	Dangerous voltage risk
	Maintenance	Important maintenance component

Markings on the Product

The following symbols are used on the product as a marker for restrictions and precautions and safety instructions. Each explanation shall be considered where the product bears related marking only. Note such information for security reasons.

Class II Equipment: This appliance is designed in such a way that it does not require a safety connection to electrical earth.

Hazardous Live Terminal: The marked terminal(s) is/are hazardous live under normal operating conditions.

Caution, See Operating Instructions: The marked area(s) contain(s) user replaceable coin or button cell batteries.

Class 1 Laser Product: This product contains Class 1 laser source that is safe under reasonable foreseeable conditions of operation.



WARNING

- Do not ingest the battery, Chemical Burn Hazard.
- This product or the accessories supplied with the product may contain a combination cell battery. If the combination cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

A television may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:
• ALWAYS use cabinets or stands or mounting methods recommended by the manufacturer of the television set.
• ALWAYS use furniture that can safely support the television set.

- ALWAYS ensure the television set is not overhanging the edge of the supporting furniture.
- ALWAYS educate children about the dangers of climbing on furniture to reach the television set or its controls.
- ALWAYS route cords and cables connected to your television so they cannot be tripped over, pulled or grabbed.
- NEVER place a television set in an unstable location.
- NEVER place the television set on tall furniture (for example, bookshelves or bookcases) without supporting both the furniture and the television set to a suitable support.
- NEVER place the television set on cloth or other materials that may be located between the television set and supporting furniture.
- NEVER place items that might tempt children to climb, such as toys and remote controls, on the top edge of the television or furniture on which the television is placed.
- The equipment is only suitable for mounting at heights 5m.
- If the existing television set is going to be retained and relocated, the same considerations as above should be applied.
- Apparatus connected to the protective earthing of the building installation through the MANSN connection or through other apparatus with a connection to protective earthing—and to a television distribution system using

coaxial cable, may in some circumstances create a fire hazard. Consult your local fire authority. This product has been tested to meet the requirements for electromagnetic interference (EMI) and radio frequency (RF) electrical isolation below a certain frequency range (galvanic isolator).

WALL MOUNTING WARNINGS

- Read the instructions before mounting your TV on the wall.
- The wall mount kit is optional. You can obtain from your local dealer, if not supplied with your TV.
- Do not install the TV on a ceiling or on an inclined wall.
- Use the specified wall mounting screws and other accessories.
- Tighten the wall mounting screws firmly to prevent the TV from falling. Do not over-tighten the screws.

Figures and illustrations in these operating instructions are provided for reference only and may differ from the actual product appearance. Product design and specifications may be changed without notice.

Environmental Information

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

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

You can also turn the screen off using the **Screen Off** option, if you want to hear the sound only and don't need to watch. If pressed Right button or Left button consecutively, **Screen Off** option will be selected and displayed on the screen. Select **Message** 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 or stop the energy consumption.

Features

- Remote controlled colour TV
- Fully integrated digital terrestrial/cable/satellite TV (DVB-T/T2CS-S2)
- HDMI inputs to connect other devices with HDMI sockets
- USB input
- OSD menu system
- Stereo sound system
- Teletext
- Headphone connection
- Automatic programming system
- Manual tuning
- Automatic power down after up to eight hours.
- Sleep timer
- Child lock
- Automatic sound mute when no transmission.
- Automatic sound mute when no transmission.
- NTSC playback
- AVI (Automatic Volume Limiting)
- PLL (Frequency Search)
- Game Mode (Optional)
- Picture off function
- Programme recording
- Programme timeshifting
- Ethernet (LAN) for internet connectivity and service
- 602.11 a/b/g/n built in WLAN Support
- Audio Video Sharing
- HbbTV

Ultra HD (UHd)

TV supports Ultra HD (Ultra High Definition - also known as 4K) which provides resolution of 3840 x 2160 (4K2K). It equals 4 times the resolution of Full HD TV by doubling the pixel count of the Full HD content both horizontally and vertically. Ultra HD content is supported via native and market applications, HDMI, USB input(s) and over DVB-T2 and DVB-S2 broadcasts.

High Dynamic Range (HDR) / Hybrid Log-Gamma (HLG)

Using this feature, the TV can reproduce greater dynamic range of luminosity by capturing and then combining several different exposures. HDR/HLG promises better picture quality thanks to brighter, more realistic highlights, more realistic colour and other improvements. It delivers the look that filmmakers intended to achieve, showing the hidden areas of dark shadows and sunlight with full clarity, colour and detail. HDR/HLG content is supported via native

and market applications, HDMI, USB inputs and over DVB-S2 broadcast. Set the HDMI option in the Input as **Enhanced** from the **Source** option in the **Settings System** menu or from the **Source Settings** menu in order to watch HDR/HLG content. If the HDR/HLG content is received through an HDMI input, the source device should also be at least HDMI 2.0a compatible in this case.

Dolby Vision

Dolby Vision™ delivers a dramatic visual experience, astonishing brightness, exceptional contrast, and vivid colour, that brings entertainment to life. It achieves this colour, that brings entertainment to life. It achieves this colouring image quality by combining HDR and wide colour gamut imaging technologies. By increasing the brightness of the original signal and using a higher dynamic colour and contrast range, Dolby Vision presents amazing true-to-life images with stunning detail. Other post-processing technologies include TV native and related applications, HDMI and USB inputs. Set the related HDMI source input as **Enhanced** from the **Source Settings System** menu or from the **Source Settings System** menu in order to watch Dolby Vision content. If the Dolby Vision content should also be at least HDMI 2.0a compatible in this case. In the **Settings Picture Mode** menu two pre-defined picture modes will be available if Dolby Vision content is detected: **Dolby Vision Bright** and **Dolby Vision Dark**. Both allow the user to experience the content in the way the creator originally intended with different ambient lighting conditions.

Accessories Included

- Remote Control
- Batteries: 2 x AAA
- Operating instructions
- Quick Start Guide
- Power Cord

Standby Mode Picture

You can use your TV as a digital picture frame using the Standby Mode Picture feature. In order to do this follow the steps below.

- Set the **Standby Mode Picture** option in the **Settings System More** menu as **On**. This option is set as **Off** by default. You can also define interval for standby mode picture slideshow using the **Standby Mode Picture Interval** option in this menu.

- Create a separate folder named as **standby_picture** in the USB storage device and copy the files you want to use into that folder, and then connect the USB storage device to your TV.

- Press the **Standby** button on the remote briefly to switch your TV into standby mode picture state.

Note that once the **Standby Mode Picture** option is set to **On**, the function of the **Standby** option on the remote will operate. After this, you will need to use the **Auto Power Down** option to switch the TV into standby mode while the TV is in normal operating mode.

If there are more than 1 picture file available in the folder all picture files will be displayed as a slide show in succession. If the necessary folder is not created or there isn't any picture file in the folder, a warning message will be displayed on the screen for a few seconds and then disappear.

In standby mode picture state the backlight level of the screen will be decreased by 50% and Smart Center is available features will not be usable, if Smart Center is available for your TV model.

To switch your TV from standby mode picture state back to normal operating mode press the **Standby** button on the remote briefly.

Beside the remote control you can also use the control unit on the TV to switch into standby mode picture state and back to normal operating mode. In order to do that follow the same instructions as described in the **TV Control & Operation** section for switching the TV into the standby mode. Note that you will not be able to switch the TV into standby mode using the control unit on the TV, while the TV is in standby mode picture state.

Note: The availability of this feature depends on the TV model and its features.

Refer to the **Supported File Formats for USB Mode** section for the supported media file formats.

Standby Notifications

If the TV does not receive any input signal (e.g. from an aerial or HDMI next) for 3 minutes, it will go into standby. When you next switch on, the following message will be displayed: **"TV switched to standby mode automatically because there was no signal for a long time."** You can disable this functionality by setting the **Timer of No Signal** option in the **Settings>Devices** menu accordingly.

The **Auto Power Down** 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 standby 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 Power Down** function from this dialogue. Highlight **Cancel**

To change channel: Press the control button to display the options. Press the **Up** or **Down** buttons to sequentially move the focus to the **Source** option. Press the **Left/Right** directional buttons to move the focus to the **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 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 **Home** button on your remote control to display main menu. Use the directional buttons and **OK** button to navigate and set a menu **Back/Return, Exit** or **Home** 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.

Reset and Power Off via Standby Button

Press and hold the **Standby** button to see additional actions for this button. **Reset (Restart)**, **Standby (Normal Standby)**, and **Power off (Forced Standby)** options will be available. Highlight one and press **OK** to perform the selected action. If a problem occurs that prevents the TV from switching into standby mode properly, you can use the **Power off** option to force the TV to switch into standby mode.

If your TV stops responding to commands and the actions menu cannot be displayed, press the **Standby** button to restart when the button is kept pressed for about 5 seconds. This will terminate the process.

Using Main TV Menu

When the **Home** button is pressed, the main TV menu will appear on the screen. You can navigate through the menu items using the directional buttons on the remote to select an item or see the information about the highlighted item. Press the **OK** button when you highlight a menu option. Press the **Up** or **Down** buttons to move the focus to the next menu item. Press the **Left/Right** directional buttons to move the focus to the next menu item.

lower side of the menu bar for quick access. To use a quick access to highlight it, press **OK** and then press the **Left/Right** directional buttons. When the finished press **OK** or **Back/Return** button to edit. When the Netflix application (if available) is highlighted, recommendations will be displayed in the same way as the sub-menu items. If you have already signed in to your Netflix account, personalised recommendations will be seen.

You can also see information on location, weather, time and date on the main TV menu screen. The green small icons indicate the current status for time, network and sync apps. If these icons appear in green, it means that the time information is updated, network is connected and sync is successfully completed. Otherwise the icons will appear in white.

Depending on the country selection made during first time installation, TV's life time information in hours can be displayed by pressing the **Home** button and then the **Blue** button. Concerned about the quality of our products, televisions are subject to rigorous checks before being put on the market, therefore it's possible that this value is not at 0 during the first installation. 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. In order to do this go to the **TV** menu, highlight the **Edit Home** option and press **OK**. The **Home** menu will switch to edit mode. In edit mode you can delete or change the position of any item in the **Home** menu. Highlight an option and press **OK**. Select the delete or move icon, Left, Up, and Down directional buttons to select the position that you want the item to move to and press **OK**.

You can also add options from other menus to **Home** menu. Just highlight an option and press the **Up** or **Down** directional button on the remote. If you see **Add Home** option you can add it to the **Home** menu.

2. Search

You can search for Channels, Guide, TV menus, Applications, Web, YouTube and Videos using the virtual keyboard. Then highlight **OK** and press **OK** to start the search. Results will be displayed on the screen. Highlight the desired result using the directional buttons and press **OK** to open.

3. TV

3.1. Freeview Play

Connects to the Freeview Play platform where you can access available catch-up TV services (only appears when the TV is connected to the internet).

3.2. Guide

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

3.3. Channels

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

3.4. 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 at the same time interval. In this case you will be informed and the timer will be cancelled.

3.5. Edit Home

You can customise the content of the **Home** menu using this option. Highlight and press **OK**. The **Home** menu will switch to edit mode. Refer to the **Home** section for details.

3.6. Recordings

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 directional button and press **OK** to see available options. Refer to the **USB Recording** section for more information.

3.7. More Apps

In order to manage the apps installed on your TV, you can use this option. Highlight and press **OK**. You can add an installed app to **Home** menu, launch or remove it. Highlight an app and press **OK** to see the available options.

3.8. Market

You can add new apps from the application market using this option. Highlight and press **OK**. Available apps will be displayed. You can also access the application market from within the **More Apps** menu.

3.9. Reset Apps

You can reset your customisations on the **Home** menu to defaults using this option (availability depends on TV model and its features). Highlight and press **OK**. A confirmation message will be displayed. Highlight **Yes** and press **OK** to proceed. Note that you will not be able to perform this operation again within the next few minutes.

3.10. Accessibility

You can access the accessibility settings menu directly using this option.

3.11. Privacy Settings

You can access the privacy settings menu directly using this option. This option may not be available depending on the model of your TV, and the selected country during the first time installation process.

4. Settings

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

5. Sources

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

5.1. Source Settings

You can access the source settings menu directly using this option. Edit the names, enable or disable selected options available for HDMI sources. **Regular** and **Enhanced** options are affecting the colour settings of the selected HDMI source.

Inserting the Batteries into the Remote

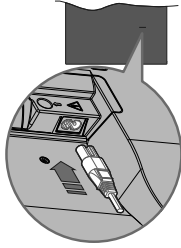
The remote may have a screw that secures the battery compartment cover onto the remote control (or this may be in a separate bag). Remove the screw, if the battery is separated on previously. Then remove the battery compartment cover to reveal the battery compartment. Insert two 1.5V - size AAA batteries. Make sure the (+) and (-) signs match (observing correct polarity). Do not mix old and new batteries. Replace only with same or equivalent type. Place the cover back on. Secure the cover again with the screw, if any.

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.

Batteries should not be exposed to excessive heat such as sunshine, fire or the like.

Power Connection

IMPORTANT: The TV set is designed to operate on a 220-240VAC, 50 Hz supply. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains.



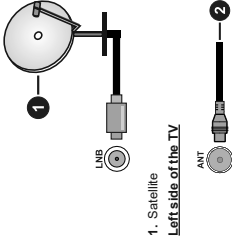
Plug one end (the two-hole plug) of the supplied detachable power cord into the power cord inlet on the rear side of the TV as shown above. Then plug the other end of the power cord into the mains socket outlet.

Note: The position of the power cord inlet may differ depending on the model.

Antenna Connection

Connect the aerial or cable TV plug to the aerial input (ANT) socket located on the left side of the TV, or satellite plug to the satellite input (LNB) socket located on the rear side of the TV.

Rear side of the TV



1. Satellite

Connect the satellite input (LNB) socket located on the rear side of the TV.

2. Aerial or cable

Connect the aerial or cable input (ANT) socket located on the left side of the TV.

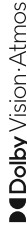
⚠ If you want to connect a device to the TV, make sure that both the TV and the device are turned off before making any connection. After the connection is done, you can turn on the units and use them.

License Notification

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Disposal Information

[European Union]

These symbols indicate that the electrical and electronic equipment and the battery with this symbol should not be disposed of as general household waste at its end-of-life. Instead, the products should be handed over to the applicable collection points for the recycling of electrical and electronic equipment as well as batteries for proper treatment, recovery and recycling in accordance with your national legislation and the Directive 2012/19/EU and 2013/56/EU.

By disposing of these products correctly, you will help to conserve natural resources and will help to prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of these products.

For more information about collection points and recycling of these products, please contact your local municipal office, your household waste disposal service or the shop where you purchased the product.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

[Business users]

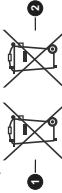
If you wish to dispose of this product, please contact your supplier and check the terms and conditions of the purchase contract.

[Other Countries outside the European Union]

These symbols are only valid in the European Union. Contact your local authority to learn about disposal and recycling.

The product and packaging should be taken to your local collection point for recycling.

Some collection points accept products free of charge. **Note:** The sign  below the symbol for batteries indicates that the battery contains silver.



1. Products
2. Battery

Specification

TV Broadcasting	PAL/SECAM/HD/SECAM/SD/HD
Receiving Channels	VHF (BAND III) - UHF (BAND U) - HYPERBAND
Digital Reception	Fully integrated digital terrestrial-cable-satellite TV (DVB-C/S) receiver (DVB-S2 compliant)
Number of Preset Channels	11 000
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	220-240V AC, 50Hz
Audio	DTS Virtual X DTS-HD
Audio Output Power (WRMS) (10% THD)	2 x 10
Power Consumption (W)	150W
Networked Standby Mode Power Consumption (W)	< 2
TV Dimensions DxLxH (with stand) (mm)	235 x 964 x 611
TV Dimensions DxLxH (without stand) (mm)	3266 x 964 x 560
Display	43"
Operation temperature and operation humidity	0°C up to 40°C, 85% humidity max.

Wireless LAN Transmitter Specifications

Frequency Ranges	Max Output Power
2400 - 2483.5 MHz (CH1 - CH13)	< 100 mW
5150 - 5250 MHz (CH36 - CH48)	< 200 mW
5250 - 5350 MHz (CH52 - CH64)	< 200 mW
5470 - 5725 MHz (CH100 - CH140)	< 200 mW

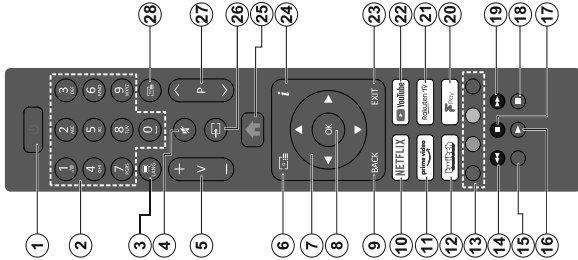
Country Restrictions

The Wireless LAN equipment is intended for home use and offers in all EU countries, the UK and Northern Ireland (and other countries following the relevant EU and/or UK directive). The 5.15 - 5.35 GHz band is restricted to indoor operations only in the EU countries, in the UK and Northern Ireland (and other countries following the relevant EU and/or UK directive). Public use is subject to general authorisation by the respective service provider.

Country	Restriction
Russian Federation	Indoor use only

The requirements for any country may change at any time. It's recommended that user checks with local authorities for the current status of their national regulations for both 2.4 GHz and 5 GHz wireless LAN's.

Remote Control



(*) Standby Button

Press and hold the **Standby** button to see additional actions for this button: Highlight one of the **Reset** (Restart), **Standby** (Normal Standby), and **Power off** (Forced Standby) options and press **OK** to perform the selected action. If you press **Standby** again while the TV is in the action menu, the TV will be forced to restart when the button is kept pressed for about five seconds.

Press briefly and release the button to switch the TV to standby mode or to switch it on when it's in standby mode.

- Standby (*)**: Standby / On (press briefly).
Reset (Power On) (press and hold)
- Numeric buttons**: Switches the channel, enters a number or a letter in the text box on the screen
- Language**: Switches among sound modes (analogue TV), displays and changes audio/subtitle language and turns subtitles on or off (digital TV, where available)
- Mute**: Completely turns off the volume of the TV
- Volume +/-**
- Guide**: Displays the electronic programme guide
- Directional buttons**: Helps navigate menus, content, etc. and displays the subpages in TXT mode when pressed Right or Left
- OK**: Confirms user selections, holds the page (in TXT mode), views **Channels** menu (DTV mode)
- Back/Return**: Returns to previous screen, previous menu, opens index page (in TXT mode). Quickly cycles between previous and current channels or sources
- Netflix**: Launches the Netflix application
- Prime Video**: Launches the Amazon Prime Video application
- Twitch**: Launches the Twitch application
- Coloured Buttons**: Follow the on-screen instructions for coloured button functions
- Rewind**: Moves frames backwards in media such as movies
- Record**: Records programmes
- Play**: Starts to play selected media
- Stop**: Stops the media being played
- Pause**: Pauses the media being played, starts lineal recording
- Fast Forward**: Moves frames forward in media such as movies
- Freeview Play**: Connects to the Freeview Play platform where you can access available catch-up TV services
- Roku TV**: Launches the Roku TV application
- YouTube**: Launches the YouTube application
- Exit**: Closes and exits from displayed menus or returns to previous screen
- Info**: Displays information about on-screen content, shows hidden information (reveal - in TXT mode)
- Home**: Displays TV menu
- Source**: Shows available broadcast and content sources
- Programme +/-**
- Text**: Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (mix)

Connections

When using the wall mounting kit (available from a third party supplier), we recommend that you plug all your cables into the back of the wall TV before mounting on the wall. Insert or remove the CI module only when the TV is SWITCHED OFF. Avoid touching the terminals or instructions for details of the settings. The USB input of your TV supports devices up to 500mA. Connecting devices that have current value above 500mA may damage your TV. Do not connect your TV to any 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 need to use a high grade HDMI cable with ferrites.

Connector	Type	Cables	Device
HDMI	HDMI Connection (side & back)	HDMI Cable	HDMI Device
SPDIF	SPDIF (Optical Out) Connection (back)	SPDIF Cable	SPDIF Device
HEADPHONE	Headphone Connection (back)	Headphone Cable	Headphone
USB	USB Connection (side)	USB Cable	USB Device
CI	CI Connection (side)	CI Cable	CI Module
LAN	Ethernet Connection (back)	LAN / Ethernet Cable	LAN Device



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.

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

Multi-partition support is available. A maximum of two partitions can be created. The first partition is the root of the USB disk used for USB Recording, and the other partitions are 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.

While recording a programme in the background you can use menu options, switch to another source or use **Media Browser** and music files, as well as viewing pictures, playing video and motion files, and even play back the ongoing recording.

Time-shift Recording

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

Press **Pause** button again or **Play** button 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. Press **Stop** button to cancel instant recording.

You can not switch broadcasts during the recording mode. While recording a programme or during 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 / Slow Rewind

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

Recording Settings

You can configure your recording preferences using the **Settings** tab by using **Left** or **Right** button. Highlight **Settings** and open them in the **Media Browser** menu. 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 will not be possible.

Auto delete: You can set the **Discard** type as **None**, **Oldest**, **Longest** or **Shortest** (if it is not set as **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 warning message will appear on the screen, allowing you to enter the PIN that will be used for PIN lock. Select **Yes** and press **OK** to start formatting the USB storage device. Select **No** and press **OK** to cancel.

(Default PIN cannot be set to 0000 or 1234. If you have defined the PIN (as 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 its 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, by disabling 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.

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, the related USB input option on the screen. Select the **Media Browser** menu from this menu and press **OK**. **Media Browser** menu will be displayed on the screen. Then select the file of your choice and press **OK** to display or play it back. You can access the content of the connected USB device any time later from the **Source** menu. You can also press the **Source** button on the remote and then select your USB storage device from the list of sources.

You can view 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 while playing back a video or an audio file if the information bar is present. Press the **Info** button if the information bar has disappeared, 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 may be available depending on the media file type and the model of your TV and its features. The content of these menus may also differ according to the type of the currently open media file.

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

Loop/Shuffle Mode Operation	
Start playback and activate	All files in the list will be continuously played in original order.
Start playback and activate	The same file will be played continuously (repeat).
Start playback and activate	All files in the list will be played once in random order.
Start playback and activate	All files in the list will be continuously played in the same random order.

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 personalise 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 onto a USB disk and open them in the **Media Browser**. Select USB input from the **Source** menu and press **OK**. You can also press the **Source** button on the remote and then select your USB storage device from the list of

Media Playback via USB Input

You can connect 2.5" and 3.5" *inD* / *inD* with external power supply external hard disk drives or USB memory stick to your TV by using the USB input(s) 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 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 the 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 input(s). External power supplied USB hubs are recommended in such a case.

You can use USB hubs with your TV's USB input(s) directly. If you are going to connect a USB hard disk, *Note: When viewing media files the Media Browser menu may only display a maximum of 1000 media files per folder.*

USB Recording

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 recording duration programmes such as HDVs, it is recommended to use USB Hard disk drives (HDD).

Recorded programmes are saved onto 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 timeshifting. Radio recording 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.

Recording Settings

You can configure your recording preferences using the **Settings** tab by using **Left** or **Right** button. Highlight **Settings** and open them in the **Media Browser** menu. 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 will not be possible.

Auto delete: You can set the **Discard** type as **None**, **Oldest**, **Longest** or **Shortest** (if it is not set as **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 warning message will appear on the screen, allowing you to enter the PIN that will be used for PIN lock. Select **Yes** and press **OK** to start formatting the USB storage device. Select **No** and press **OK** to cancel.

(Default PIN cannot be set to 0000 or 1234. If you have defined the PIN (as 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 its 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, by disabling 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.

sources. When you have chosen the desired image, highlight it and press **OK**. Press **Info** to view the **Info** button, **Highlight** 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: You can use the **Restore Default Boot Logo** option in the **Settings-System** menu to restore the default boot logo. If you perform **First Time Installation** the boot logo will also be restored to its default.

(*) Images must have an aspect ratio between 4:3 to 16:9 and they must be in .jpg or .png file formats. The image cannot be set as boot logo. If its 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. This feature is only functional on TV source.

CEC
This function allows the user 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-Devices** 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 a new CEC source is connected, it will be listed in **Sources** menu with its own name (as set by the connected HDMI port's 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-Devices** menu accordingly.

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

When ARC is active, the TV will mute its other audio outputs, except the headphone jack, automatically and volume control buttons are directed to the connected

Devices Menu Content	Virtual Remote
Enable or disable the virtual remote feature.	This 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 shareplay photos, music and videos on your TV. See instructions of your sharing software for more information.
Audio Video Sharing	ALLM (Auto Low Latency Mode) function allows the TV to activate or deactivate low latency settings depending on playback content. If this option is enabled the picture mode will be set to Game automatically when ALLM mode signal is received from the current HDMI source. Refer to Game Mode section for more information.
ALLM	ALLM (Auto Low Latency Mode) function allows the TV to activate or deactivate low latency settings depending on playback content. If this option is enabled the picture mode will be set to Game automatically when ALLM mode signal is received from the current HDMI source. Refer to Game Mode section for more information.
Timer of No Signal	If your TV does not receive any input signal (e.g. from an aerial or HDMI source) for 3 minutes, it will go into standby mode. You can enable or disable this functionality by setting this option accordingly.
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.

Picture Menu Content	Picture 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 , Sports , Dynamic , and Natural . <i>Note: Available options may differ depending on the input source.</i>	Mode 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 . <i>Note: Available options may differ depending on the selected Mode.</i>
Backlight	This setting controls the backlight level. This option (will be located under the Energy Saving option) will be available in the Energy Saving is set to Custom . Highlight and use Left/Right directional buttons to set.
Picture Zoom	Sets the desired image size format.
Picture Shift	This option (will be located under the Picture Zoom setting) may be available depending on the Picture Zoom setting. Highlight and press OK , then use directional buttons to shift the picture upwards or downwards.
Advanced Settings	
Dynamic Contrast	You can change the dynamic contrast ratio to desired value.
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 (will be located under the Colour Temp setting). Increase the 'warmth' or 'coolness' of the picture by pressing Left or Right buttons.

audio device. To activate ARC set the **Sound Output** option in the **Settings-Sound** menu as **HDMI ARC**.
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 **Sound Output** option in the **Settings-Sound** menu as **HDMI ARC**. When **HDMI ARC** option is selected, **CEC** option will be set as **Enabled** automatically. If it is not already set, the TV speaker 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.

Game Mode
You can set your TV to achieve lowest latency for games. Go to **Settings-Picture** menu and set the **Mode** option to **Game**. Game option will be available when the TV's input source is set to HDMI. When set the picture will be optimised for low latency.

Auto Low Latency Mode
You can also enable the **ALLM** (Auto Low Latency Mode) option in the **Settings-Devices** menu. If this function is enabled the TV automatically switches the picture mode to **Game** when ALLM mode signal is received from the current HDMI source. TV switches back to previous picture mode setting when the ALLM signal is lost. So you won't need to change the settings manually.

If the **ALLM** option is enabled, picture mode can not be changed as long as ALLM signal is received from the current HDMI source.

In order for the ALLM feature to be functional the related HDMI source setting should be set to **Enhanced**. You can change this setting from the **Sources-System-Source** menu or from the **Settings-System-Source** menu.

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 **Home** button and then **Info** button.

By using the directional buttons select a closed the topic and press **OK** to read instructions. To close the E-Manual screen press the **Exit** or **Home** button.

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

Blue Stretch	White colour enhancement function that makes white colour more cooler in order to make more bright picture. Set as On to enable.
Micro Dimming	Low, Medium, High and Off options are available. While Micro Dimming is active, it will enhance contrast locally for each defined zone.
Noise Reduction	Low, Medium, High and Off options are available. If the signal is weak and the picture is noisy, use the Noise Reduction setting to reduce the amount of noise.
Film Mode	Films are recorded at a different number of frames per second to normal television programmes. This feature to Auto 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.
Colour Tuner	Opens colour tuner settings. Set the Colour Tuner as Enabled to adjust the Hue, Colour and Brightness values manually.
Gamma Mapping	You can use this option to set the range of colours displayed on your TV screen. When Gamma is set as On , more accurate colour signals will be set as Off ; the TV's measured colour accuracy is used by default (recommended option).
Gamma	Note: This option may not be available depending on the TV model and its features. You can use this option to set your gamma preference. Press Left/Right directional buttons to set to Normal, Bright or Dark . Note: This option may not be available depending on the TV model and its features and you may not be able to change the setting depending on the current content.
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.
Reset	Resets the picture settings to factory default settings (except Game mode).

Sound Menu Content	Your TV supports Dolby Atmos technology. By means of this technology the sound moves around you in three-dimensional space, so you feel like you're inside the action. You will have the experience of listening to Atmos. Auto, Off and On options are available. Auto is the default setting. Auto and Off options are available depending on the input audio bitstream information, if the input audio bitstream is Atmos this feature will work as if it is set as On . Set as Off to disable.
Dolby Atmos	Smart, Movie, Music, News and Off options will be available. Set as Off to disable. Note: Some items in Sound menu will be greyed out and unavailable if set to an option other than Off . Settings for other options may also change depending on the current settings.
Mode	This feature will enhance your sound experience by providing a virtualisation of surround speakers through your TV's speakers. You can select one of the predefined sound modes: Music, Sports, Cinema and Off options will be available. Set as Off to disable. Note: Some items in Sound menu will be greyed out and unavailable if set to an option other than Off . Settings for some other options may also change depending on the current settings.
DTS Virtual:X	Sets the sound output preference. TV, SPDIF, HDMI ARC, Headphone Only and Off options are available. TV is the default option. You can also select the selected option and the headphone jack. Note that if this option is set as Headphone Only , TV speakers will be muted when headphone set is plugged in.
Sound Output	When you connect an external amplifier to your TV, using the headphone jack, you can select this option. Lineout is the default option. If you connect the TV to the TV, set this option as Headphone Only . Please ensure before using headphones that this menu item is set to Headphone Only . If it is set to Lineout , the output from the headphone socket will be set to maximum which could damage your hearing. If HDMI ARC option is selected, CEC feature will be enabled. Note: Depending on the selected option some items in Sound menu will appear as greyed out and will be unavailable.

AVL (Automatic Volume Limiting)	Sets the sound to remain fixed output level between programmes. If the Mode 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 line 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.
Advanced Settings	Selects the equalizer mode. Custom settings can be made only when in User mode.
Equalizer	Enables or disables the Dynamic Bass.
Dynamic Bass	Dynamic Range Control provides gain adjustment of the source to maintain suitable audio format at both low and high playback levels. It will function only if the source audio format is DTS. Enable or disable the DTS DRC by setting as On or Off .
DTS DRC	You can select a sound mode (if the viewed channel supports).
Sound Mode	Sets digital out audio type. PCM, Auto, and Passthrough options will be available.
Digital Out	PCM: This option provides two-channel uncompressed digital audio output. You can use this option if you experience compatibility problems such as not hearing sound. Auto: This option provides multi-channel digital audio output (up to 5.1 channel). Passthrough: This option provides original audio output as such in HDMI ARC. It is recommended to use this option if you have an AV receiver with eARC support. If your AV receiver does not support source audio format you may experience compatibility problems such as not hearing sound.
Headphone	Sets headphone volume. This option will not be available if the Sound Output option is set as Lineout . Please ensure before using headphones that the headphone volume is set to a low level, to prevent damage to your hearing.
Balance	Sets sound balance. This feature will be activated if Sound Output option is set as TV or Headphone Only . Balance item adjusts the balance level of the TV speakers and headphones together.
Reset	Resets some of the sound settings to factory defaults.
Network Menu Content	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 .
Disconnect	To disconnect from a wireless network and delete your saved wireless network profile (if previously saved), highlight this option and press OK . This option will not be available if you did not connect to a wireless network. Refer to Connectivity section for more information.
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.
Networked Standby Mode	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 Content	
Automatic channel scan (Réseau)	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 Mode Search (*): Your TV will search for new or missing channels while in standby. Any new found broadcasts will be shown. Dynamic Channel Update(*): If this option is set as Enabled, the changes on the broadcasts such as frequency, channel name, subtitle language etc., will be applied automatically while watching. (* Availability depends on model.)
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.

System Menu Content	
Accessibility	Displays accessibility options of the TV. Some options will not be available if no channels are installed.
High Contrast	Increase the contrast of the menu options and texts to make them easier to read. White Text, Yellow Text and Off options will be available.
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: Audio description sound feature is not available in recording or time shifting mode (availability depends on the model of your TV and its features).
Dialogue Enhancement	This feature provides sound postprocessing options for speech-gated dialogue enhancement. Off, Low, Medium and High options will be available. Set according to your preferences. Note: This feature has an effect only if input audio format is AC-4 and this effect only applies to TV loudspeaker output.
Spoken Subtitles	Default preference of spoken subtitles is selected with this setting option. To make spoken subtitles priority higher than normal ones, this option should be set to On . This option may not be available depending on the model of your TV.
Magnification	Enables the use of button combinations to magnify the screen. On and Off options will be available. Set as On to enable. Magnification support will be enabled or disabled with long-press of the numeric button 5 . First top-left quadrant of the screen will be zoomed. After the magnification support is enabled, long-press of the numeric buttons 2, 4, 6, 8 will move the zoomed area to up, left, right and down.
Minimap	Minimap is enabled and deactivated by default. It will be activated when Magnification feature is enabled. With this option, you can prevent magnification feature from displaying the minimap.
Click Sound	This option enables the key click sound on TV menu. Set to On to enable.
Highlight programmes with	
(S) Subtitle	If this option is enabled and if any electronic programme guide event has "Subtitle" access service, these events will be highlighted with another colour.
(SL) Sign Language	If this option is enabled and if any electronic programme guide event has "Sign Language" access service, these events will be highlighted with another colour.
(AD) Audio Description	If this option is enabled and if any electronic programme guide event has "Audio Description" access service, these events will be highlighted with another colour.
Language	You may set a different language depending on the broadcaster and the country.
Conditional Access	Controls conditional access modules when available.
Privacy	
Privacy Settings	Manage your privacy privileges for smart TV related applications. Press OK to enter the menu and set according to your preferences.
Show All Cookies	Displays all saved cookies.
Delete All Cookies	Deletes all saved cookies.
Do Not Track	You can set your preference regarding the tracking behaviour for HbbTV services using this option.

Parental	<p>Enter correct PIN 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 CICAAM PIN using the related options.</p> <p><i>Note: Some menu options may not be available depending on the country selection in the First Time Installation. For more information, refer to the First Time Installation section of the First Time Installation manual, depending on the country selection during the First Time Installation using the PIN that you have defined.</i></p>
Date/Time	<p>Sets date and time.</p>
Sources	<p>Edit the names, enable or disable selected source options. There are also Regular and Enhanced options available for HDMI sources. These 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.</p> <p>If this feature is supported by your TV, you can view your ESN(*) number and deactivate Netflix.</p> <p><i>(*) ESN number is a unique ID number for Netflix, create especially to identify your TV. Note: For 4K video streaming, a minimum 25Mbps internet connection speed is required. For an internet connection, you should use a wired connection. For more information, refer to the website http://nflx.com/NetflixSpeed. When you start to stream video content via the internet, the quality of your connection will be analysed and the full HD or 4K quality may take a short time to be realised, or in the event of a slow connection not be possible. You should check your internet capabilities with your internet provider. If you are at all unsure.</i></p>
Netflix	<p>Samba interactive TV powers recommendations and other apps by gathering data regarding consumption of specific on-screen content to enhance your viewing experience. Using this option you can access Samba interactive TV settings menu, review Samba TV recommendations, enable or disable Samba interactive TV, and manage Samba TV internet connection will be required in order to access HTML based settings. You can enable or disable interactive TV at any time from the Settings>System>Privacy>Privacy Settings menu by checking or unchecking the check box next to the related item. This option may not be available depending on the selected country during the First Time Installation process, the model of your TV and its features.</p>
Samba ACR	
Voice Assistant	
Works With Alexa	<p>Starts the setup process for this feature manually. If the setup is priority completed Change Friendly Name and Sign Out options will be available. Refer to Alexa Ready section for more information.</p>
<input type="checkbox"/> Change Friendly Name <input type="checkbox"/> Sign Out	<p>You can define a new name for your TV using this option.</p> <p>You can use this option to sign out. If you sign out Works With Alexa feature will be disabled.</p>
More	<p>Displays other setting options of the TV.</p> <p>Changes timeout duration for menu screens.</p> <p>If set as Off the standby mode LED will not light up when the TV is in standby mode.</p> <p>You can enable or disable this feature by setting it as On or Off. Refer to HbbTV System section for further information.</p> <p>When this option is enabled it causes a Device ID* to be generated internally for each Web origin visited. When disabled all the current Device ID's are cleared for each Web origin visited. You can enable or disable this feature by setting it as On or Off. This feature is available if channels are installed and the country options are set as Norway during the first time installation.</p> <p>Ensures that your TV has the latest software. Press OK to see the menu options.</p>
Menu Timeout Standby Mode LED	
HBBTV	
Device Identification	
Software upgrade	

Application Version	<p>Displays current software version.</p>
Subtitle Mode	<p>This option is used to select which subtitle mode will be on the screen (DVB subtitle / Teletext subtitle) if both are available. Default value is DVB subtitle. This feature is available if channels are installed and the country option is set as Norway during the first time installation.</p>
Auto Power Down	<p>Sets the desired time for the TV to automatically go into standby mode when not being operated. This option can be set from 1 to 8 hours in steps of 1 hour. You can also disable this option by setting as Off.</p>
Biss Key	<p>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. This option will appear if satellite channels are installed. Availability depends on the model of your TV and its features.</p>
Store Mode	<p>Select this mode for store display purposes. Whilst Store Mode is enabled, some items in the TV menu may not be available. For some models Enabled with video option may also be available. If this option is set, the TV will switch to store mode and the pre-installed video file will be played back.</p>
Power Up Mode	<p>This setting configures the power up mode preference. Last State and Standby Mode options are available.</p>
OSS	<p>Displays Open Source Software licence information.</p>
Restore Default Boot Logo	<p>Restores the default boot logo. A confirmation message will be displayed. Select Yes and press OK. This option may not be available depending on the model of your TV and its features.</p>
Change Friendly Name	<p>Using this option you can change the device name that is used to identify your TV when connecting a device to the TV wirelessly. The default device name will be restored if the device name is left blank or first time installation is performed.</p>
Application Priority	<p>You can set your preferences regarding the priority between the broadcast applications and CICAAM App/MI applications using this option. In case a CICAAM is inserted into the TV and a contention occurs between the applications the priority will be given to the selected type of application.</p>
Dolby Notification	<p>Sets the notification appearance preferences for Dolby content. When set as On, Dolby logos will be displayed on the screen when Dolby content is selected.</p>
Model Information	<p>Displays information such as model name, serial number, MAC address, etc.</p>

Note: Some options may not be available depending on the model of your TV, its features and the selected country in the First Time Installation.

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 **OK** to open the Channel list. You can filter the listed channels by channel list, channel or in the current list using the **Filter** and **Edit** tab options. Highlight the tab you want and press **OK** to see available options.

In order to add the channel you are currently watching to the **Home** menu, highlight the **Add to Home** option in the **Home** tab in the **Channels** menu and press **OK**.

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 channels 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. The selected filtering options will be shown on the top of the **Channels** menu screen.

Configuring Parental Settings

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

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

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

Guidance: This setting enables or disables access to some of the MHEC applications. Disabled applications can be released by entering the right PIN.

Maturity Lock: If this option is set, the 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 to Europe or Asia, 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 CI/OCAM 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.

Note: Default PIN could have been set to 0000 or 1234. If you have defined the PIN (as requested depending on the country selection) during the First Time Installation use the PIN that you have defined. In case the PIN is entered incorrectly, five times in succession, PIN entry will be blocked and it will no longer be possible to enter the PIN for 30 minutes. However, you can still block the PIN, or reset the entry count to zero by turning the TV off and on.

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 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. Change the filter by highlighting **Filtering** and **OK**. You can use the **Preview** and **Next** buttons. **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 displayed.

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. The event will be added to Timers list, to cancel an already set timer, highlight that event and press the **OK** button. Then select **Delete Timer on Event** option and press **OK**.

Record or Delete Rec. Timer: Select the **Record or Delete Rec. Timer** option. 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.

Note: 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.

Integrated Catch-Up Services

You can enjoy Freeview Play catch-up TV services that work directly through the electronic programme guide. Whilst you are on a channel use the directional buttons to scroll back in time through the time-lapse guided. Up content may change according to broadcasters and will be marked with a play icon. Highlight the content you want to play back and press the **OK** button.

Make sure that your TV is connected to your home network in order to use the catch-up services. For further information regarding this matter and other requirements for Freeview Play services refer to the **Connectivity and Freeview Play Platform services**.

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. One of the coloured buttons, directional buttons and **OK** button to activate. The content of the digital teletext screen, depending on the content of 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 software automatically via the broadcast signal or via Internet.

Software Upgrade search via user interface

On the main menu select **Settings**, then 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. You can select the satellite, which is used for updating process by setting **Edit upgrade for Satellite** option. The **Software Upgrade** option is also available in the **Settings>System>More mode**.

If a new upgrade is found, it starts to download the update. 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 the 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 the led is blinking during the boot process. If the TV fails to come on after the upgrade, 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 **Standby** button on the remote.

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 the content is received through an HDMI input, try changing the related HDMI source input setting to **Enhanced** or **Regular** from the **Source Settings** option in the **Sources** menu or the **Sources** option in the **Settings-System** menu.
- 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 the **Sound** menu.

• Check if the **Sound Output** option is set correctly from the **Sound** menu.

- If the content is received through an HDMI input, try changing the related HDMI source input setting to **Enhanced** or **Regular** from the **Source Settings** option in the **Sources** menu or the **Sources** option in the **Settings-System** menu.

Remote control - no operation

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

No signal on an input source

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

Recording unavailable

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 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 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 storage device does not meet the speed requirements. Try using a different USB storage device.

HDMI Signal Compatibility			
Source	Supported Signals	Available	
HDMI	480i	○	
	480p	○	
	576i, 576p	○	
	720p	○	
	1080i	○	
	1080p	24Hz	
		25Hz	
		30Hz	
		50Hz	○
		60Hz	○
3840x2160p	24Hz		
	25Hz		
	30Hz		
	50Hz	○	
	60Hz	○	
4096x2160p	24Hz		
	25Hz		
	30Hz		
	50Hz	○	
	60Hz	○	

(X: Not Available, O: Available)

In some cases a signal on the TV may not be displayed properly. The problem may be an inconsistency with standards from the source equipment (DVD, Set-top box, etc.). If you do experience such a problem please contact your dealer and also the manufacturer of the source equipment.

Supported File Formats for USB Mode

Video File Formats

File Extension	Format	Audio
.m2ts, .mp2ts, .dat, .vob	MPEG1/2, H.264, VC1	MPEG Layer 1/2/3, AC3
.ts, .trp, .m2ts	MPEG1/2, H.264, VC1, HEVC/H.265	MPEG Layer 1/2/3, AC3, E-AC3
.avi	MPEG1/2, MPEG4, H.264, MJPEG	MPEG Layer 1/2/3, AC3, AAC, WMA
.mp4, .m4a, .mkv, .mov, .h264, .h265, .avi	MPEG1/2, H.263, MPEG4, H.264, HEVC/H.265, AV1	MPEG Layer 1/2/3, AAC, LC, AC3
.qt, .3gp, .3g2, .3gpp	MPEG4, H.264, HEVC/H.265	MPEG Layer 1/2/3, AAC, LC, AC3
.flv	Software Scaled, MPEG4, H.264	MPEG Layer 3, ADPCM, AAC, LC
.asf, .wmv	MPEG4, WMV3, VC1	WMA, AMR-NB
.webm	VP8, VP9, AV1	OPUS, Vorbis

Picture File Formats

File Extension	Format
.jpg, .jpeg	JPEG, P-JPEG
.bmp	BMP
.png	PNG

Audio File Formats

File Extension	Format	Video Codec	Audio
.mp3			mp3
.aac			AAC
.wma			WMA
.wav			MPEG Layer 1/2/3, AAC, PCM
.m4a	M4A		AAC

Subtitle File Formats

Extension	Specification
.ssa	SubStation Alpha
.ass	Advanced SubStation Alpha
.srt	Subripper
.sub	Micro DVD / SubViewer
.txt	Micro DVD / TMPlayer / MPL2
.sml	Sami

Internal Subtitles	Specification
.mkv	VOBSUB
.mkv	ASS / SSA / TEXT
.dat, .mpg, .mpeg, .vob	DVD Subtitle
.mp4	DVD Subtitle, TEXT

Supported DVI Resolutions

When connecting devices to your TV's connectors by using DVI converter cable (DVI to HDMI cable - not supplied), you can refer to the following resolution information.

	56Hz	60Hz	60Hz	70Hz	72Hz	74Hz
640x480		X				X
800x600	X	X				X
1024x768		X		X		X
1280x768		X				X
1280x800		X				X
1360x768		X				
1366x768		X				
1280x1024		X	X			X
1400x1050		X				
1600x900		X				
1920x1080		X				

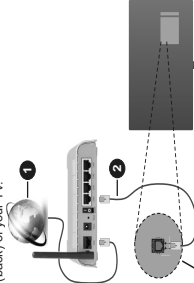
Connectivity

Wired Connectivity

To connect to a wired network

- You must have a modem/router connected to an active broadband connection.

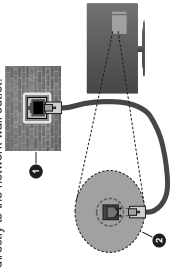
- Connect your TV to your modem/router via an Ethernet cable. There is a LAN port (a rear (back) of your TV.



- 1 Broadband ISP connection

- 2 LAN (Ethernet) cable

- LAN input on the rear side of the TV
- 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

To configure wired device settings go to the **Settings-Network** menu.

Network Type

Set **Network Type** 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 IP and / or DNS values manually. Select the related item in the drop down menu and enter the new values using the number buttons of the remote. Highlight **Save** and press the **OK** button to save settings when complete.

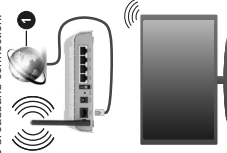
Other Information

The status of the connection will be displayed as **Connected** or **Not Connected** and the current IP address, if a connection is established. The MAC address of your TV will also be displayed on the screen.

Wireless Connectivity

To Connect to a Wireless Network

- You must have a wireless modem/router connected to an active broadband connection.



- 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 optimised 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 TV supports 802.11 a, b, g & n type modems. It is highly recommended that you should use the IEEE 802.11n type modems to avoid any possible problems while watching videos.

You must change your modem to SSID when there are other SSIDs in the same area. SSID is a name that can encounter connection problems otherwise. Use a wired connection if you experience problems with a wireless connection.

Configuring Wireless Device Settings

To configure wireless connection settings go to the **Settings-Network** menu.

Network Type

Set **Network Type** as **Wireless Device** to start connection process.

Scan Wireless Networks

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. A network with hidden SSID can not be detected by other devices. If you want to connect to a network with hidden SSID, you should select **Hidden SSID** wireless networks, highlight the **Add New Network** option and press **OK**. Enter the name of the network and select the security type using the related options 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.

Disconnect

If you have connected to a wireless network, **Disconnect** option will appear in the **Network** menu and press **OK** to disconnect. Press **OK** to connect to a wireless network automatically whenever you switch to wireless connection. To disconnect from a wireless network and delete the saved wireless network profile, highlight **Dis connect** and press **OK**.

Press WPS on your wifi router

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.

Internet Speed Test

Highlight **Internet Speed Test** and press the **OK** button to check your internet connection speed.

Advanced Settings

Highlight **Advanced Settings** and press the **OK** button to open the advanced setting menu. Use directional buttons to select the desired option. Highlight **Save** and press the **OK** button to save settings when complete.

Networked Standby Mode

You can enable or disable the Networked Standby Mode feature by setting this option accordingly. Refer to the **Networked Standby Mode** section for further information.

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. The MAC address of your TV will also be displayed on the screen.

Connecting to your mobile device via WLAN

- If your mobile device has WLAN feature, you can connect to your TV via a router. In order to access the content in your TV. For this, your mobile device must have an appropriate sharing software. Connect your TV to your router by 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 Audio Video Sharing feature of your TV.

Highlight the **Audio Video Sharing** 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.

Note: This feature may not be supported on all mobile devices.

Networked Standby Mode

Networked Standby Mode is a standard that allows a device to be turned on or woken up by a network connection. For example, you can connect your TV to the same local area network, such as a smartphone.

To enable this feature set the **Networked Standby Mode** option in the **Network** menu as **On**. It is necessary that both the device, from which the network message will be sent to the TV, and the TV, are connected to the same network. Supported Smart TVs are required to be fully supported for Android OS devices and can only be used via YouTube and Netflix applications.

In order to use this feature the TV and the remote device should be connected at least once while the

TV is on. If the TV is powered off, the connection should be re-established when the TV is powered on. Otherwise this feature will be unavailable. This does not apply when the TV is switched into the standby mode.

If you want your TV to consume less power in standby mode, you can disable this feature by setting the **Networked Standby Mode** option as **Off**.

Wireless Display

Wireless Display is a standard for streaming video and sound content. This feature provides the ability to use your TV as wireless display device.

Using with mobile devices

There are different standards which enable sharing of screens including graphical, video and audio content between your mobile device and TV.

Plug the wireless USB dongle to TV first, if the TV doesn't have internal WLAN feature.

Press the **Source** button on the remote and switch to **Wireless Display** source.

A screen appears stating that the TV is ready for connection.

Open the sharing application on your mobile device. Then, application will be displayed differently for each brand. Refer to the instruction manual of your mobile device for detailed information.

Scan for devices. After you select your TV and connect, the screen of your device will be displayed on your TV.

Note: This feature can be used only if the mobile device supports this feature. If you experience problems with the wireless display, you should contact your mobile device manufacturer. There may be compatibility problems with the operating system versions which are released after the production of this TV. Scanning and connecting processes differ according to the program you use.

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 metres 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 unauthorised 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 authorised 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 Services

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, multimedia and videos stored on the media server connected to your home network.

1. Server Software Installation

The Audio Video Sharing feature cannot be used if the server program 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 program.

2. Connect to a Wired or Wireless Network

See the **Wired/Wireless Connectivity** sections for detailed configuration information.

3. Enable Audio Video Sharing

Enter the **Settings-Devices** menu and enable the **Audio Video Sharing** option.

4. Play Shared Files via Media Browser

Highlight the **Audio Video Sharing** 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. PCHDD/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 FC's which may not be able to utilise 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 the **Home** menu. Press the **Home** button on the remote. **Home** menu will be displayed. Highlight an app and press **OK** to launch.

In order to manage the apps installed on your TV, you can use the **More Apps** option in the TV menu. You can add an installed app to **Home** menu, launch or remove it. Highlight an app and press **OK** to see the available options.

You can add new apps from the application market. To access the market highlight the **Market** option in the TV menu and press **OK**. Available apps will be displayed. You can also access the application market from within the **More Apps** menu.

You can reset your customisations on the **Home** menu, including appreciated ones, to defaults using the **Reset Apps** option in the TV menu. Highlight **Reset Apps** and press **OK**. A confirmation message will be displayed. Highlight **Yes** and press **OK** to proceed. Note that you will not be able to perform this operation again within the next few minutes.

Notes: Possible configuration dependent problems may be Third party internet services may change, be discontinued or restricted at any time.

Freeview Play Platform

Freeview Play platform provides catch-up TV and On Demand services. Simply press the **Freeview Play** button on your remote control to connect to the Freeview Play platform.

The Freeview Play platform can also be accessed from the TV menu. Press **Home** button and select **TV** to highlight **Freeview Play** and press the **OK** button.

You will have to agree to the terms and conditions for Freeview Play services first if you did not agree them during the **First Time Installation**. Highlight **Yes** and press **OK** on the remote to continue and proceed.

Integrated TV Player applications will be displayed. Select one and press the **OK** button. Then select a content that you want to play back and press the **OK** button to watch.

Catch-up content can also be accessed and played back-up from the **Freeview Play** menu. Refer to the section **Electronic Programme Guide** for more information.

Accessible TV Guide

The Freeview Play Accessible TV Guide makes it simpler for you to find the shows you love that meet your accessibility needs. Learn more at freeview.co.uk/555.

- Available at Channel 555. Enter 555 using the numeric buttons on your remote while watching TV.
- Highlight **Freeview Play** in the TV menu and wait. Sub-menu items will appear on the upper side of the menu bar. Navigate to **Accessible TV Guide** and press **OK**.
- Highlight **Accessible TV Guide** in the TV-Accessibility menu or **Settings-System-Accessibility** menu and press **OK**.

Filter Type

You can filter the recommendations to prevent the children from viewing undesirable content. Highlight **Freeview Play** in the TV menu and wait. Sub-menu items will appear on the upper side of the menu bar. Navigate to **Filter type** and press **OK**. Set to **Children** and press **OK** to activate the filter. You can set it to **None** to deactivate.

Requirements

- The Freeview Play services may only be used if the following requirements are fulfilled:
 - Connecting to the internet. A minimum broadband speed of 2Mbps is required for proper operation of catch-up and on demand services.
 - Agreeing to the terms and conditions of Freeview Play

Note: Freeview Play platform usage will count towards any monthly broadband data allowance. Only selected channels provide 7-day catch-up.

Internet Browser

To use the internet browser, enter the **Home** menu first. Then launch the internet browser application which has an orange coloured logo with earth symbol on it. In the initial screen of the browser, the thumbnails will be predefined (if any) links to web sites available will be displayed as **Speed Dial** options along with the **Edit Speed Dial** and **Add to Speed Dial** options. To navigate the web browser, use the directional buttons on the remote or a connected mouse. To see the browser options bar, move the cursor to the top of the page. **History**, **Tabs** and **Bookmarks** options and the browser bar which contains previous/next buttons, the refresh button, the address/search bar, the **Speed Dial** and the **Vewd** buttons are available.

To add a desired website to the **Speed Dial** list for quick access, move the cursor to the top of the page. The browser bar will appear. Highlight the **Speed Dial** button and press the **OK** button. Then select **Add to Speed Dial** option and press the **OK** button. Fill in the blanks for **Name** and **Address**, highlight **OK** and press the **OK** button to add. Whilst you are on the site **Vewd** button and press the **Speed Dial** list, highlight the **Vewd** button and press the **OK** button. Then highlight **Add to Speed Dial** option in the submenu and press the **OK** button according to the site you are visiting. Highlight **OK** and press the **OK** button to add.

You can also use the **Vewd** menu options to manage the browser. Highlight the **Vewd** button and press the **OK** button to see a available page specific and general options.

There are various ways to search or visit websites using the web browser.

Enter the address of a website(URL) into the search/address bar and highlight the **Submit** button on the virtual keyboard and press the **OK** button to visit the site.

Enter keywords into the search/address bar and highlight the **Submit** button on the virtual keyboard and press the **OK** button to start a search for the related websites.

Highlight a **Speed Dial** thumbnail and press the **OK** button to visit the related website.

Your TV is compatible with USB mice. Plug your mouse or wireless mouse adaptor into the USB input of your TV for easier and quicker navigation.

Some web pages include flash content. These are not supported by the browser.

Your TV does not support any download processes from the internet via the browser.

All sites on the internet might not be supported. According to the site, content problems may occur. In some circumstances video content might not be able to be played.

rewind keys on the remote control) to interact with the A! content.

If you need to change the audio description settings of your TV, you should do it before a HbbTV playback starts. You will not be able to access related settings during a playback. Go to the **Settings-System>Accessibility>Audio Description** menu and adjust according to your need.

Note: You can enable or disable this feature from the More menu in Settings-System menu. Depending on the First Time Installation this feature might be available in the Settings-System-Privacy-Privacy Settings menu instead of the Settings-System-More menu.

Smart Center

Smart Center is a mobile application running on iOS and Android platforms. With your mobile devices you can easily stream your favourite live shows and programmes from your smart TV. Also, you can launch your applications, use your mobile device as a remote control for your TV and share media files.

Note: Being able to use all functions of this application depends on the features of your TV.

Getting Started

To be able to use internet based features, your modem/router must be connected to the internet.

IMPORTANT: Make sure the TV and mobile device are connected to the same network.

For media sharing feature **Audio Video Sharing** option should be enabled (if available). Press the **Home** button on the remote, select **Settings>Devices** menu and press **OK**. Highlight **Audio Video Sharing** and change as **Enabled**. Your TV is ready to connect to your mobile device now.

Install the **Smart Center** application onto your mobile device.

Start the smart center application. If all connections are configured properly, you will see your TV's name on your mobile device. If your TV's name doesn't appear on the list, wait a while and tap on the **Refresh** widget. Select your TV from the list.

Mobile Device screen

On the main screen you can find tabs to access various features.

The application retrieves actual channel list from TV when it starts.

MY CHANNELS: The programmes of the first four channels from the channel list retrieved from the Press on the channel thumbnail and hold. A list of channels will be displayed and you can choose your desired channel to be replaced.

TV: You can watch content through the TV tab. In this mode you can navigate through the channel list

retrieved from your TV and click on thumbnails to view the detail pages.

RECORDINGS: You can view your active recordings (if available) and reminders through this tab. To delete any item, simply press on the delete icon found on each row.

EPG(Electronic programme guide): You can view the broadcast schedules of selected channel lists through this tab. You can also navigate through channels by pressing on the selected channel on the EPG grid. Please note that updating / refreshing the EPG information may take a while depending on your network and web service quality.

Note: Internet connection is required for WEB based EPG information.

SETTINGS: Configure the application to your liking. You can change:

Auto-enable FollowMeTV: FollowMeTV function (if available) will start automatically when this setting is enabled. Default is disabled.

Auto-connection to TV: When enabled, your mobile device will automatically connect to last connected TV and skips the TV search screen.

Change TV: Shows the currently connected TV. You can press on this setting to go to the TV search screen and change to a different TV.

Edit custom channel list: You can edit your custom channel list using this setting.

Choose channel list source: You can choose the channel list source to be used in the application. The options are "TV List" and "Custom List". Additionally you can activate "Remember my choice" option to set the selected channel list source as a constant choice. In this case (if the selected source is available) it will be used in the application.

Version No: Displays the current version of the application.

Detail Page

To open detail page tap on a programme. On the detail page screen you can get detailed information of the programmes you select. There are "Details", "Cast/Crew" and "Videos" tabs to find on this page.

DETAILS: This tab provides summary and information about the selected programme.

CAST & CREW: Shows all the people contributed to the current programme.

VIDEOS: Provides videos on YouTube related to the selected programme.

Note: For some functions an internet connection may be required.

FollowMe TV Feature (if available)

Tap on the **FOLLOW ME** TV widget, located at the upper right of the screen, of your mobile device to change the layout for **FollowMe** TV feature.

Tap the play icon to start streaming of the content from the TV to your mobile device. Available if your device is in your router's operational range.

Mirror Mode

This mode of following the content is enabled by default and allows streaming the content from any other selected TV sources and Media Browser.

Note: Mode for only digital (DVB-T/C/S) SD and HD channels are supported.

Multi-language audio support and subtitle on/off features are not functional.

The streaming performance may change depending on the quality of your connection.

Media Share Page

To access the **Media Share** widget tap on the **Up-arrow** on the upper right side of the screen.

If the Media Share widget is pressed, a screen is displayed where you can select the media file type to share with your TV.

Note: Not all image file formats are supported. This function will not work if Audio Video Sharing feature is not supported.

Smart Remote Feature

You can use your mobile device as a remote control for your TV once it has connected to the TV. To access smart remote's full features you can use the menu at the bottom middle of the screen.

Voice Recognition

You can tap on the **Microphone** (🎤) widget and manage your application, giving voice commands such as "Volume Up/Down", "Programme Up/Down".

Note: This feature is only available for android based devices.

Keyboard Page

The keyboard page can be opened in two ways: by pressing the **Keyboard** (⌨️) widget on the application screen or automatically by receiving a command from the TV.

Requirements

1. Smart TV
2. Network connection
3. Mobile device based on Android or iOS platform (Android OS 5.1 or higher, iOS 12 or higher version)
4. Smart Center app (to be found on online application stores based on Android and iOS platforms)
5. Router modem

Example Commands

Here are some voice commands that you can use:

Command	Function
Alexa, turn on FN	Powers on the TV
Alexa, turn off FN	Powers off the TV
Alexa, play FN	Starts media playback
Alexa, pause FN	Pauses media playback
Alexa, resume FN	Resumes media playback
Alexa, stop FN	Stops media playback
Alexa, fast forward on FN	Advances media in fast forward mode
Alexa, rewind on FN	Reverts media
Alexa, set the volume of FN to 50	Sets the volume to the specified level
Alexa, turn the volume up on FN	Increases volume by 10 units
Alexa, turn the volume down on FN	Decreases volume by 10 units
Alexa, mutes FN	Mutes sound
Alexa, unmute FN	Unmutes sound
Alexa, change the input to 'input_name' on FN	The TV switches to the input source with the specified name (e.g., HDMI 1)
Alexa, change channel to 'channel_number' on FN	The TV switches to the channel with the specified number (e.g., channel 200)
Alexa, change channel to 'channel_name' on FN	The TV switches to the channel with the specified name
Alexa, channel up on FN	The TV switches to the next higher channel, if any available
Alexa, channel down on FN	The TV switches to the next lower channel, if any available
Alexa, next channel on FN	The TV switches to the next channel on the channel list

FN is the abbreviation for 'Friendly Name'.

Amazon DART

Once the setup is complete, the DART (Dash Replenishment Through Alexa) feature will be integrated. This feature enables new batteries to be ordered automatically when the remote control is low on batteries. You can use Alexa App to configure DART settings, e.g. the battery type you want to be ordered.

DVB functionality information

This DVB receiver is only suitable for use in the country which it was designed to be used in.

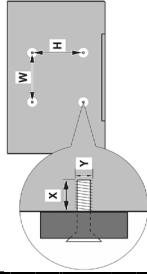
Although this DVB receiver conforms to the latest DVB specifications at the time of manufacture, we cannot guarantee compatibility with future DVB transmissions due to changes that may be implemented in broadcast signals and technologies.

Some digital tele-vision functions may not be available in all countries.

We continually strive to improve our products; therefore, specifications may change without prior notice.

For advice on where to purchase accessories, please contact the store where you purchased your equipment.

VESA WALL MOUNT MEASUREMENTS	
Hole Pattern Sizes (mm)	W
	H
Screw Sizes	100
	100
Length (X)	min. (mm)
	7
Thread (Y)	max. (mm)
	8
M4	



Hereby, VESTEL Elektronik Sanayi ve Ticaret A.Ş., declares that the radio equipment type TFT IDTV is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: doc.vosshub.com

WALKER

Glen Dimplex Ireland, Airport Road, Cloghran, Co. Dublin
IRELAND K67DT89

Please scan the QR code to view this model's energy label and information found at <https://eprel.ec.europa.eu>



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