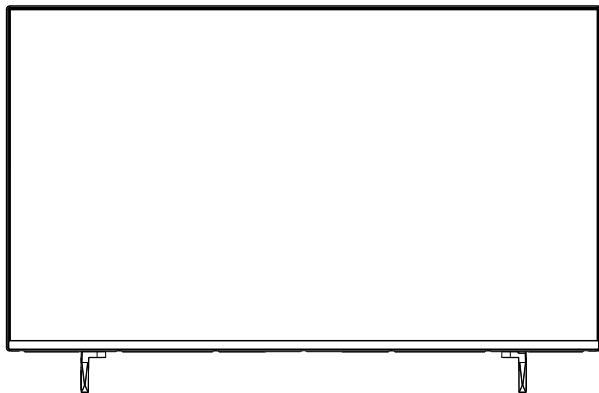


WALKER

OPERATING INSTRUCTIONS



WP43231HTSL

COLOUR TELEVISION WITH REMOTE CONTROL


SAORVIEW

HDMI[™]
HIGH-DEFINITION MULTIMEDIA INTERFACE


www.glendimplexireland.com

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Safety Information



CAUTION
RISK OF ELECTRIC SHOCK
READ MANUAL



CAUTION: TO REMOVE 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.




Note: Follow the on screen instructions for operating the related features.

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, remote, etc. on the power cord. A corded electric plug should be used to prevent the risk of 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 set.
 - Do not place 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, including 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) without anchoring 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 of the television or furniture on which the television is placed.
 - The equipment is only suitable for mounting at heights of 52 m.
 - If the existing television set is going to be retained and refurbished, the same considerations as above should be applied.
- Apparatus connected to the protective earthing of the building installation through the MANS 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. Care should be taken to ensure the system has therefore to be protected through devices providing 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. They 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 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 **"Screen will be off in 15 seconds"**, message will be displayed on the screen. Select **Proceed** and press **OK** to turn the screen off immediately. If you don't press any button, the screen will be off in 15 seconds. Press any button on the remote or on the TV to turn the screen on again.

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

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

Features

- Remote controlled colour TV
- Fully integrated digital terrestrial/cable/satellite TV (DVB-T/2/C/S-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 playback
- AVL (Automatic Volume Limiting)
- PLL (Frequency Search)
- Game Mode (Optional)
- Picture off function
- Programme recording
- Programme timeshifting

Ultra HD (UHD)

TV supports Ultra HD (Ultra High Definition - also known as 4K) which provides resolution of 3840 x 2160 (4K/2K). 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 from 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 HDMI, USB inputs and over DVB-S broadcasts. Set the related HDMI source input as **Enhanced** from the **Sources** option in the **Settings+System** menu or from the **Sources+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 stunning 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 that other post-processing technologies in the TV aren't able to produce. Dolby Vision is supported via HDMI and USB inputs. Set the related HDMI source input as **Enhanced** from the **Sources** option in the **Settings+System** menu or from the **Sources+Source Settings** menu in order to watch Dolby Vision content. The Dolby Vision content is received through an HDMI input. The source device should also be at least HDMI 2.0a compatible in this case.

In the **Settings+Picture+Mode** menu, two predefined picture modes will be available: **Dolby Vision** and **Dark**. Both allow the user to experience the content in the way the creator originally intended with different ambient lighting conditions.

Accessories Included

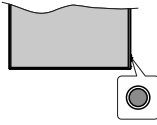
- Remote Control
- Batteries: 2 x AAA
- Operating Instructions
- Quick Start Guide
- Power Cord

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's root directory and copy in 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 as **On**, the function of the **Standby** button on the remote will change. After this you will need to press and hold the button 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

TV Control Button & Operation



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

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

Operating with the Control Button

- Press the control button to display the function options menu.
- Then press the button consecutively to move the focus to the desired option if needed.
- Press and hold the button for about 2 seconds to activate the selected option. The icon colour of the option changes when activated.

• Press the button once again to use the function or enter the sub menu.

- To select another function option, you will need to deactivate the last activated option first. Press and hold the button to deactivate it. The icon colour of the option changes when deactivated.
- To close the function options menu do not press the button for a period of about 5 seconds. The function options menu will disappear.

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

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

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

To change channel: Press the control button to display the function options menu and then press the button consecutively to move the focus to **Programme +** or **Programme -** option. Press and hold the button for about 2 seconds to activate the selected option.

The icon colour of the option changes when activated. Then press the button switch to the next or previous channel in the channel list.

To change source: Press the control button to display the function options menu and then press the button consecutively to move the focus to **Source** option. Press and hold the button for about 2 seconds to activate this option. The icon colour of the option changes when activated. Then press the button once again to display the sources list through which the TV can 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. Press **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 options for this button (Reset/ Standby (Normal Standby) and Power Off (ForceStandby) 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 can not be displayed, the TV will be forced 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 sub-menu options of the highlighted menu press **OK** button. When you highlight a menu option some of the sub-menu items of this menu may appear on the upper or lower side of the menu bar for quick access. To use a quick access item highlight it, press **OK** and when a finished quick access menu appears, press **OK** or **Back/Return** button to exit. 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 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 for 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 time information (hours can be displayed by pressing the **Home** button and then by pressing the **Time** button). TV's time information products, televisions are subject to rigorous checks before being put on the market, therefore its 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 highlighted by pressing the **TV** button. 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 and press **OK**. In order to move a menu item use the Right, 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. Then press **OK**. You need **Add to 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 this option. **OK** will activate the search menu. Press **OK** on the keyboard. The 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. Guide

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

3.2. Channels

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

3.3. Timers

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

To add a new timer select the **Add Timer** tab using the Left/Right button 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 **Edit Set Time**, 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 broadcast at the same time interval. In this case you will be informed and the timer will be cancelled.

3.4. 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.

3.5. 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.

3.6. 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.

3.7. 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.

3.8. 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.

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

3.10. Privacy Settings (Optional)
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.

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

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 source options. There are also **Regular** and **Enhanced** options available for HDMI sources. **Regular** and **Enhanced** options are affecting the colour settings of the selected HDMI sources.

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 cover is a screw on type. Usually, the remote control battery cover is attached to the back of the battery cover. 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.

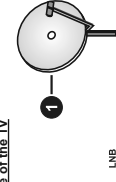
A message will be displayed on the screen when the batteries are low and must be replaced. Note that when the batteries are low, the performance of the remote control may be impaired.

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

Antenna Connection

Connect the aerial or cable TV plug to the aerial input (SAT/LE) 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



Left side of the TV



2. Aerial or cable

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

Warning

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Licence Notification

The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

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]

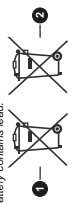
If you wish to dispose of this product, please contact your supplier and check the terms and conditions of the purchase contract.

[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 'Pb' below the symbol for batteries indicates that the battery contains lead.



1. Products

2. Battery

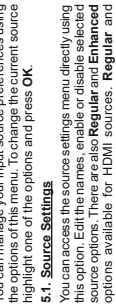
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2. Battery

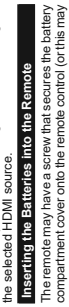
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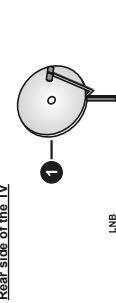
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By disposing of these products correctly, you will help to conserve natural resources and will help to prevent potential negative effects on the environment and human health which could otherwise be caused by inappropriate waste handling of these products.

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]

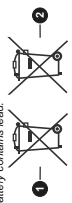
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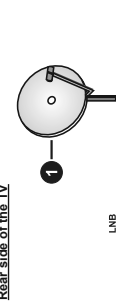
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2. Battery

Antenna Connection

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Left side of the TV



2. Aerial or cable

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Disposal Information

[European Union]

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

[Business users]

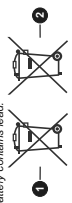
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1. Products

2. Battery

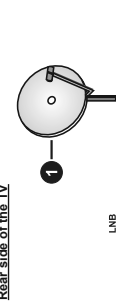
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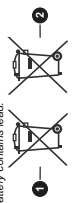
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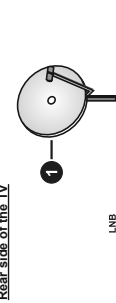
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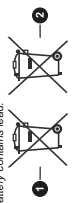
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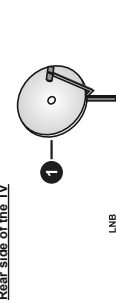
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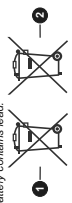
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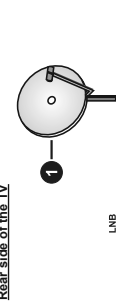
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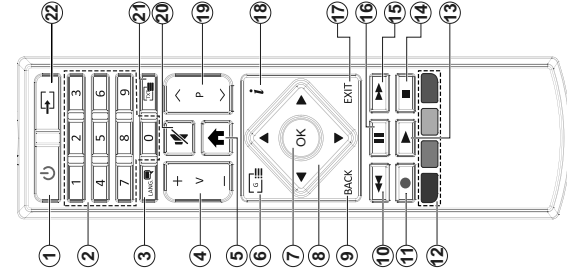
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TV Broadcasting	DALB/UK SECAM/EGDK
Receiving Channels	VHF (BAND III) - UHF (BAND U) - HYPERBAND
Digital Reception	Fully integrated digital terrestrial-cable-satellite (DVB-T, DVB-C, DVB-S2 compliant)
Number of Preset Channels	11 000
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	220-240V AC, 50Hz.
Audio	German/Nicam Stereo
Audio Output Power (WRMS) (10% THD)	2 x 10W
Power Consumption (M)	120W
TV Dimensions DxDLH (with stand) (mm)	235 x 984 x 611
TV Dimensions DxDLH (without stand) (mm)	3266 x 964 x 550
Display	43"
Operation temperature and operation humidity	0°C up to 40°C, 85% humidity max.


















- Standby (*)**: Standby/ On (press briefly) Reset/ Power Off (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 (analog TV), displays and changes audio/subtitle language and turns subtitles on or off (digital TV, where available)
- Volume +/-**:
- Home**: Displays TV menu
- Guide**: Displays the electronic programme guide
- OK**: Confirms user selections, holds the page (in TXT mode), views Channels menu (DVB mode)
- Directional buttons**: Helps navigate menus, content, etc. and displays the subpages in TXT mode when pressed Right or Left
- Back/Return**: Returns to previous screen, previous menu, opens index page (in TXT mode), Quickly cycles between previous and current channels or sources
- Rewind**: Moves frames backwards in media such as movies
- Record**: Records programmes
- Coloured Buttons**: Follow the on-screen instructions for coloured button functions
- Play**: Starts to play selected media
- Stop**: Stops the media being played
- Fast Forward**: Moves frames forward in media such as movies
- Pause**: Pauses the media being played, starts timeshift recording
- 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)
- Programme +/-**:
- Mute**: Completely turns off the volume of the TV
- Text**: Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (MX)
- Source**: Shows available broadcast and content sources

(*) 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 your TV stops responding to commands and the actions menu can not be displayed, 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 into standby mode or to switch it on when it's in standby mode.

Connections

Connector	Type	Cables	Device
	HDMI Connection (side&back)		
	SPDIF (Optical Out) Connection (back)		
	Headphone Connection (back)		
	USB Connection (side)		
	CI Connection (side)		

When using the wall mounting kit (available from a third party), we recommend that you plug all your cables into the back of the TV before mounting on the wall. Insert or remove the CI module only when the TV is SWITCHED OFF. Refer to the user manual (instruction manual) for details of the settings. Each USB device up to your TV supports devices up to 500mA. Connecting devices that have current value above 500mA may damage your TV. 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 should use a high quality HDMI cable with ferrites.



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Switching On/Off

To Switch the TV On

Connect the power cord to a power source such as a wall socket (220-240V AC, 50/60 Hz).

To switch on the TV from standby mode either:

- Press the **Standby** button, **Programme** +/-, or a numeric button on the remote control.
- Press the control button on the TV.

To Switch the TV Off

- Press the **Standby** button on the remote control.
- Press the control button on the TV, the function options menu will be displayed. The focus will be on the **Standby** option. Press and hold the button for about 2 seconds to activate this option. The icon colour of the option will change. Then press the button once again, the TV will switch into standby mode.

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

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

First Time Installation

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

After the language selection, you will be asked whether you want to change accessibility settings. Highlight **Yes** and press **OK** to change. Refer to **System Menu Content** section for detailed information on available options.

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

You can activate **Store Mode** option in the next step. This option will configure your TV's settings for store environment and depending on the TV model being purchased, the supported file formats may vary. The video file may be played back. This option is intended only for store use. It is recommended to select **Home Mode** for home use. **System-More** menu and your preference for this setting can be changed later. Make your selection and press **OK** to continue.

Depending on the model of your TV, the picture mode selection screen may appear at this point. In order to save energy, you can select a picture mode that is more for your TV to consume less energy and be more

environmentally friendly, select **Natural** and press **OK** to continue. If you select **Dynamic** and press **OK**, a confirmation dialog will be displayed. Select **Yes** and press **OK** to proceed. You can change your selection later using the **Mode** option in the **Settings-Picture** menu.

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

About Selecting Broadcast Type

To turn a search option on or a broadcast type highlight it and press **OK**. Left or Right directional button. The checkbox next to the selected option will be checked. To turn the search option off, clear the checkbox by pressing **OK**. Left or Right directional button after moving the focus to the desired broadcast type option.

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

Digital Cable: If **D**, **Cable** broadcast search option is turned on, the TV will search for digital cable broadcasts after other initial settings are completed. A dialogue may be displayed depending on the country selection before starting to search asking whether you want to perform cable network search. If you select **Yes** and press **OK** you can select **Network** or set values such as **Frequency**, **Network ID** and **Search Step** on the next screen. If you select **No** and press **OK** or the network search dialogue is not displayed you can set **Start Frequency**, **Stop Frequency** and **Search Step** on the next screen. When finished, highlight **Next** and press **OK** button to continue.

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

Satellite: If **S**, **Satellite** broadcast search option is turned on, the TV will search for digital satellite broadcasts after other initial settings are completed. Before satellite search is performed some settings should be made.

Depending on the model and the selected country the next step may be the selection of the installation type for satellite. You can select to start an operator installation or a standard installation at this point. If you want to perform an operator installation set the **Install Type** as **Operator** and then set the **Satellite Operator** according to your operator preference. Some of the following steps may differ or be skipped depending on the selected operator in this step. If you set the **Install Type** as **Standard**, you can continue with regular

satellite installation and watch satellite channels. Press **OK** to proceed.

Antenna type selection screen may be displayed next. You can select **Antenna type** as **Direct**, **Single Satellite Cable** or **DISEqC switch** by using **Left** or **Right** directional buttons. After selecting your antenna type, Press **OK** to see the options to proceed. **Continue**, **Transponder list** and **Configure LNB** options may be available. You can change the transponder and LNB settings using the related menu options.

- **Direct**: If you have a single receiver and a direct satellite dish, select this antenna type. Press **OK** to continue. Select an available satellite on the next screen and press **OK** to scan for services.
- **Single Satellite Cable**: If you have multiple receivers and a single satellite cable system, select this antenna type. Press **OK** to continue. Configure settings by following instructions on the next screen. Press **OK** to scan for services.

- **DISEqC switch**: If you have multiple satellite dishes and a DISEqC switch, select this antenna type. Then set the DISEqC version and press **OK** to continue. You can set up to four satellites (if available) for version V1.0 and sixteen satellites for version V1.1 on the next screen. Press **OK** button to scan the first satellite in the list.

Note: Depending on the model of your TV, DISEqC version v1.1 may not be supported and the below the DISEqC version selection step may not be available.

Analogue: If Analogue broadcast search option is turned on, the TV will search for analogue broadcasts after other initial settings are completed.

After the initial settings are completed the TV will start to search for available broadcasts of the selected broadcast types.

While the search continues current scan results will be displayed at the bottom of the screen. You can press the **Home**, **Back** or **Exit** button to cancel the search. The channels that have already been found will be stored in the channel list.

After all the available stations are stored, **Channels** menu will be displayed. You can edit the channel list according to your preferences using the **Edit** tab options or press the **Home** button to quit and watch TV.

While the search continues a dialogue may appear, asking whether you want to sort channels according to the **LCN**(**L**ocal **C**hannel **N**umber) or **Press OK** to confirm. (**L**LCN is the Logical Channel Number system that organises available broadcasts in accordance with a recognisable channel number sequence (if available).

Note: Do not turn off the TV while initialising first time installation. Note that, some options may not be available depending on the country selection.

Using Satellite Channel Table Feature

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

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

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

Additionally, you can download one of the satellite channel table files stored in a USB device, to the TV. When you select one of these files, all services and related satellites and transponders in the selected file will be stored in the TV. If there are any installed services that have the same analogue keys, they will be kept and only satellite services will be removed.

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

Media Playback via USB Input

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

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

While formatting USB hard drives which have more than 1TB (Tera Byte) storage space you may experience some problems in the formatting process. Wait a little while before each plugging and unplugging as the player may still be reading files. Failure to do so may cause physical damage to the USB player and while playing a file.

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

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

Note: When viewing media files the **Media Browser** menu can 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 record long duration programmes such as movies, it is recommended to use USB Hard disk drives (HDD's).

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.

Do not put out the USBHDD during a recording. This may harm the connected USBHDD.

Multipartition support is available. A maximum of two different partitions are supported. The first partition of the USB disk is used for USB Recording ready features. It also must be formatted as the primary partition to be used for the USB Recording ready features.

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

While recording a programme in the background you can use menu options, such as viewing photos or using **Media Browser** functions, such as viewing pictures, playing recorded music files, and even play back the ongoing recording.

Timeshift Recording

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

Press **Pause** button again or **Play** button to resume the stored 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 media 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 in the **TV>Recordings** menu. Highlight **Settings** tab by using **Left** or **Right** button and press **OK**. Then select the desired item in the sub-menu and set by using **Left** or **Right** button.

Start early: You can set recording timer's starting time to start earlier by using this setting.

End late: You can set recording timer's end time to end later by using this setting.

Max Timeshift: This setting allows you to set the maximum duration for the timeshift recording. Available options are approximate and the actual recording time may change in practice depending on the broadcast. The reserved and free storage space values will change according to this setting. Make sure that you have enough free space otherwise instant recording may not be possible.

Auto discard: You can set the **Discard type** as **None**, **Oldest**, **Longest** or **Shortest**. If it is not set to **None**, you can set the **Unplayed** option as **Included** or **Excluded**. These options determine the preferences for deleting the recordings in order to obtain more storage space for ongoing records.

Hard disk information: You can view detailed information about the USB storage device connected to your TV. Highlight and press **OK** to see and press **Back/Return** to close.

Format Disk: If you want to delete all files on the connected USB storage device and convert the disk format to FAT32, you can use this option. Press **OK** button while the **Format Disk** option is highlighted. A menu will appear on the screen, requiring you to enter the PIN(*) After you enter the PIN, a confirmation message will be displayed. Select **Yes** and press **OK** to start formatting the USB storage device. Select **No** and press **OK** to cancel.

(*) Default PIN could have been set to **0000** or **1234**. If you have defined the PIN (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, try restarting the recording. If you still get the same error, it is possible that your USB disk does not meet the speed requirements. Try connecting another USB disk.

Media Browser

You can play back music and movie files and display photo files stored on a USB storage device by connecting it to the 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 **Sources** menu will be displayed on the screen. Select the related USB input option 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 from the **Sources** menu. You can press **Source** button on the menu and then select your USB storage device from the list of sources.

You can set your media browser preferences by using the **Settings** menu. **Settings** menu can be accessed via the information bar which is displayed on the bottom of the screen while playing back a video or an audio file or displaying a picture file. Press the **Info** button on the remote control to display the information bar, highlight the **Info** button position, 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.

Log/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 continuously 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 status of the function and press **OK**. To change the symbol 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 **Sources** 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 sources. When you have chosen the desired image, highlight it and press **OK** to view it in full screen. Press the **Info** button, highlight the gear wheel symbol on the information bar and press **OK**. Select **Options** and press **OK** to enter. **Set Boot Logo** option will be available. Highlight it and press **OK** again to choose the image as custom boot logo. A confirmation message will be displayed. Select **Yes** and press **OK** again. If the image is suitable(*) you will see it on the screen during the TV's next boot up.

Note: You can use the **Restore Default Boot Logo** option in the **Settings>System>More** menu to restore the default boot logo. If you perform **First Time Installation** the boot logo will also be restored to default.

(*) Images supported for use as boot logo must be 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.

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 device is connected, it will be listed in **Sources** menu with its own name instead of 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). This 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 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 speakers will be muted and the sound of the watched source will be provided from the connected sound system.

Note: The audio device should support System Audio Control feature.

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>Sources** menu or from the **Settings>System>Sources** menu.

Settings Menu Content

Devices Menu Content	<p>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.</p> <p>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.</p> <p>With this setting you can enable and disable CEC functionality completely. Press Left or Right button to enable or disable the feature.</p> <p>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.</p>
Picture Menu Content	<p>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.</p> <p><i>Note: Available options may differ depending on the input source.</i></p> <p>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.</p> <p>Contrast Adjusts the light and dark values on the screen.</p> <p>Brightness Adjusts the brightness values on the screen.</p> <p>Sharpness Sets the sharpness value for the objects displayed on the screen.</p> <p>Colour Sets the colour value, adjusting the colours.</p> <p>Energy Saving For setting the Energy Saving to Custom, Minimum, Medium, Maximum, Auto, Screen Off or Off.</p> <p><i>Note: Available options may differ depending on the selected Mode.</i></p> <p>Backlight This setting controls the backlight level. This option (will be located under the Energy Saving setting) will be available if the Energy Saving is set to Custom. Highlight and use Left/Right directional buttons to set.</p> <p>Picture Zoom Sets the desired image size format.</p> <p>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.</p> <p>Advanced Settings</p> <p>Dynamic Contrast You can change the dynamic contrast ratio to desired value.</p> <p>Colour Temp Sets the desired colour temperature value. Cool, Normal, Warm and Custom options are available.</p> <p>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.</p> <p>Blue Stretch While colour enhancement function that makes white colour more cooler in order to make more bright picture. Set as On to enable.</p> <p>Micro Dimming Low, Medium, High and Off options are available. While Micro Dimming is active, it will enhance contrast locally for each defined zone.</p>

Noise Reduction	<p>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.</p> <p>Films are recorded at a different number of frames per second to normal television programmes. Turn this setting to Auto when you are watching films to see the fast motion scenes clearly.</p> <p>Skin tone can be changed between -5 and 5.</p> <p>Adjust the desired colour tone.</p> <p>Opens colour tuner settings. Set the Colour Tuner as Enabled to adjust the Hue, Colour and Brightness values manually.</p> <p>You can use this option to set the range of colours displayed on your TV screen. When set as On, colours are set according to the source signal. When set as Off, the TV's maximum colour capacity is used by default (recommended option).</p> <p><i>Note: This option may not be available depending on the TV model and its features.</i></p> <p>You can use this option to set your gamma preference. Press Left/Right directional buttons to set to Normal, Bright or Dark.</p> <p><i>Note: This option may not be available depending on the TV model and its features and you may not be able to change this setting depending on the current content.</i></p>
Film Mode	
Skin Tone	
Colour Shift	
Colour Tuner	
Gamma Mapping	
Gamma	
HDMI Full Range	<p>While watching from a HDMI source, this feature will be visible. You can use this feature to enhance brightness in the picture.</p> <p>Resets the picture settings to factory default settings (except Game mode).</p>
Reset	
Sound Menu Content	<p>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 best experience if input audio bitstream is Atmos. Auto, On and Off options will be available. If set as Auto, the TV will switch between On and Off modes automatically depending on the input audio bitstream information. If the input audio bitstream is Atmos this feature will work as if it set as On. Set as Off to disable.</p> <p>Smart, Movie, Music, News and Off options will be available. Set as Off to disable.</p> <p><i>Note: Some items in Sound menu will be greyed out and unavailable if set to an option other than Off.</i></p> <p>Surround Sound Enables or disables the surround sound mode.</p> <p>Set the sound output preference. TV, SPDIF, HDMI ARC, Headphone Only and Lineout options will be available. There will be no sound output except through 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.</p> <p>When you connect an external amplifier to your TV using the headphone jack, you can select this option as Lineout. If you have connected headphones to the TV, set this option as Headphone 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.</p> <p>If HDMI ARC option is selected, CEC feature will be enabled.</p> <p><i>Note: Depending on the selected option some items in Sound menu will appear as greyed out and will be unavailable.</i></p> <p>Sets the sound to obtain fixed output level between programmes.</p> <p>If the Mode menu item is set to an option other than Off, the AVL setting options will change. Auto, Normal and Off options will be available. In Auto mode the TV will switch to Normal or Night mode automatically according to the current time information. If no time information is available this option will always function as Normal. When the TV switches to Night mode for the first time after setting this option as Auto, an information bar will pop up on the screen.</p> <p>Please note that compared to Normal mode Night mode provides more aggressive dynamic compression control which is suitable for silent environments.</p>
Dolby Atmos	
Mode	
Surround Sound	
Sound Output	
AVL (Automatic Volume Limiting)	

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	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. 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.
Digital Out	Sets headphone volume. This option will not be available if the Sound Output option is set as Lineout .
Headphone	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.

Installation Menu Content	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.
Automatic channel scan (Returne)	This feature can be used for direct broadcast entry.
Manual 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.
Network channel scan	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.
Analogue fine tune	Displays satellite settings. Satellite list: Displays available satellites. You can Add/Delete satellites or Edit satellite settings on the list. Aerials installation: You can search for and store aerial stations. Satellite list: You can search for and store satellite stations. You can upload or download satellite channel table data using the related options.
Satellite Settings	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 mode.
Installation Settings (optional)	Use this setting to clear channels stored. This setting is visible only when the Country option is set to Denmark, Sweden, Norway or Finland.
Clear Service List	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.
Select Active Network	You can use this menu item to monitor signal related information such as signal level/quality, network name, etc. for available frequencies.
Signal Information	Deletes all stored channels and settings, resets TV to factory settings.
First-time installation	

System Menu Content	Displays accessibility options of the TV. Some options will not be available if no channels are installed.
Accessibility	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.
High Contrast	Enables any special feature sent from the broadcaster.
Hard of Hearing	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. <i>Note: Audio description sound feature is not available in recording or time shifting mode (availability depends on the mode of your TV and its features).</i>
Audio Description	This feature provides sound postprocessing options for speech-gated dialogue enhancement. Off, Low, Medium and High options will be available. Set according your preference. <i>Note: This feature has an effect only if input audio format is AC-4 and this effect only applies to TV loudspeaker output.</i>
Dialogue Enhancement	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 mode of your TV.
Spoken Subtitles	Enables the use of button combinations to magnify the screen. On and Off options will be available. Set as On to enable.
Magnification	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.
Parental	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 CICAM PIN using the related options. <i>Note: The country selected in the First Time Installation menu of PIN may not be available. The country selected in the First Time Installation menu of PIN may not be available. The country selected in the First Time Installation menu of PIN may not be available. The country selected in the First Time Installation menu of PIN may not be available. The country selected in the First Time Installation menu of PIN may not be available.</i>
Date/Time	Sets date and time.

Sources	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 device is not compatible with HDMI 2.0 compatible. Set accordingly or disable the related HDMI source by setting as Disabled .
More	Displays other setting options of the TV.
Menu Timeout	Changes timeout duration for menu screens.
Standby LED	If set as Off the standby LED will not light up when the TV is in standby mode.
Software upgrade	Ensures that your TV has the latest software. Press OK to see the menu options.
Application Version	Displays current software version.
Subtitle Mode	This option is used to select which subtitle mode will be on the screen (DVB subtitle / Teletext subtitle) if both 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.
Auto Power Down	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 .
Bliss Key	Bliss is a satellite signal scrambling system that is used for some broadcasts. If you need Bliss key on a broadcast, you can see it by highlighting the Bliss Key menu option and press OK as the first step. To test this option with the TV, you can also test channels are installed. Availability depends on the model of your TV and its features.
Store Mode	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 be available. For some models Enabled with video option is not available. If the TV will switch to store mode and the pre-installed video file will be played back.
Power Up Mode	This setting configures the power up mode preference. Last State and Standby options are available.
OSS	Displays the Open Source Software licence information.
Restore Default Boot Logo	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.
Change Friendly Name	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.
Dolby Notification	Sets the notification appearance preference for Dolby content. When set as On , Dolby logo will be displayed on the screen when Dolby content is detected.
Model Information	Displays information such as model name, serial number, etc.

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. Press the **OK** key to open the **Channels** menu options. Press the **OK** key to open the channel list. You can filter the listed channels by using the **Filter** and **Edit** changes 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 in the Home menu, highlight the **Add to Home** option in the **Edit** 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 favourite 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 parental lock menu options, a PIN should be entered. After coding the correct PIN, parental setting options 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 MHEG 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 **France**, or **Austria**, **Maturity Lock's** value will be set to **18** as default.

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

Set PIN: Defines a new PIN number.

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

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 the TV will be locked for 30 minutes. After 30 minutes the TV will longer be possible to make a new entry for 30 minutes. However, you can unlock the PIN entry or reset the retry count to zero by turning the TV off and on.

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

Electronic Programme Guide

By means of electronic programme guide function of your TV, you can browse the event schedule of the currently running channels on your channel list. It is possible to filter the related broadcast whenever 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 **NowNext**. To switch between these layouts highlight the tab with the name of the alternate layout on the upper side of the screen and press **OK**.

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

Timeline Schedule

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

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

Highlight **Extras** tab and press **OK** to access below options.

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

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

Now: Displays current event of the highlighted channel.

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

Now/Next Schedule

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

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

Event Options

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

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

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

Set Timer on Event / Delete Timer on Event: Select **Timer** for future events. The event will be added to Timers list to see the **OK** button. Highlight **Timer on Event** and press **OK** button. The **Light Timer** event and the **OK** button will be cancelled.

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

To cancel an already set record timer, highlight that event and press the **OK** button and select the option **Delete Rec. Timer**. The record timer will be cancelled. **IMPORTANT:** Connect a USB disk to your TV while the TV is switched off. You should then switch on the TV to enable the recording feature.

Notes: You cannot switch to any other channel while there is an active recording or timer on the current channel. It is not possible to set timer or record timer for two or more individual events at the same time interval.

Teletext Services

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

Digital Teletext

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

Software Upgrade

Your TV is capable of finding and updating the software automatically via the broadcast signal.

Software upgrade search via user interface

On the main menu, select **Settings**, then navigate to **Software Upgrade** and press the **OK** button. Then check **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** menu.

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

3AM 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. If a new software is found and downloaded successfully, it will be installed at the next power on.

Note: Do not unplug the power cord while led is blinking during the reboot process. If the TV fails to come on after the upgrade, unplug, wait for two minutes then plug it back in. All updates are automatically controlled. If a manual search is carried out and no software is found then this is the current software is found and downloaded successfully, it will be installed at the next power on.

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 **Settings Enhanced 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 **Settings Enhanced 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 maybe inserted incorrectly. Refer to the section "Inserting the Batteries into the Remote".

No signal on an input source

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

Recording unavailable

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	60Hz	○
	480p	60Hz	○
	576i, 576p	50Hz	○
	720p	50Hz, 60Hz	○
	1080i	50Hz, 60Hz	○
	1080p	24Hz, 25Hz, 30Hz, 50Hz, 60Hz	○
	3840x2160p	24Hz, 25Hz, 30Hz, 50Hz, 60Hz	○
	4096x2160p	24Hz, 25Hz, 30Hz, 50Hz, 60Hz	○

(X: Not Available, ○: 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
.mpeg, .mpeg, .dat, .vob	Video Codec	Audio
ts, .trp, .m2ts	MPEG1/2, H.264, VC1	MPEG Layer 1/2/3, AC3
avi	MPEG1/2, H.264, VC1, HEVC/H.265	MPEG Layer 1/2/3, AC3, E-AC3
mp4, .m4u, .mkv, .mov, .h264, .h265, .avi	MPEG1/2, MPEG4, H.264, MJPEG	MPEG Layer 1/2/3, AC3, AAC, VMA
qt, .3gp, .3gp2, .3gpp	MPEG1/2, H.263, MPEG4, H.264, HEVC/H.265, AV1	MPEG Layer 1/2/3, AAC, LC, AC3
.mkv	HEVC/H.265, MPEG4, H.264, H.264, VC1, VP9, AV1	MPEG Layer 1/2/3, AAC, AC3
.flv	ScreenCast, MPEG4, H.264	MPEG Layer 3, ADPCM, AAC, LC
.asf, .wmv	MPEG4, WMV3, VC1	WMA, AMR-NB
.webm	VP9, VP8, 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
.smi	Sami

Internal Subtitles	Specification
.mkv	VOBSub
.mkv	ASS / SSA / TEXT
.dat, .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.

	50Hz	60Hz	60Hz	75Hz	75Hz
640x480		X			
800x600	X	X			X
1024x768		X		X	X
1280x768		X			X
1280x800		X			X
1300x768		X			
1366x768		X			
1280x1024		X	X		X
1400x1024		X			
1600x900		X			
1920x1080		X			

DVB functionality information

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

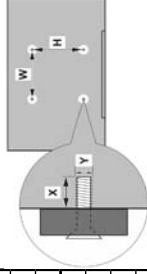
Although this DVB receiver conforms to the latest DVB specifications at the time of manufacture, we cannot guarantee compatibility with future DVB transmissions due to changes that may be implemented in broadcast signals and technologies.

Some digital television 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	
	.100	.100	
Length (X)	Screw Sizes		
	min. (mm)		
	max. (mm)		
Thread (Y)	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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