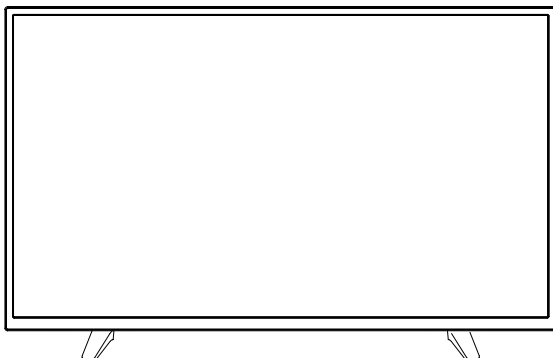


# WALKER

## OPERATING INSTRUCTIONS



## WPS43ELED

COLOUR TELEVISION WITH REMOTE CONTROL



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## Safety Information

### CAUTION

RISK OF ELECTRIC SHOCK  
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK DO NOT REMOVE OR REPLACE ANY SERVICEABLE PARTS INSIDE. REFER TO A QUALIFIED SERVICE PERSONNEL FOR 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 standby will not 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:** Never let people (including children) with reduced physical, sensory or mental capabilities or lack of experience and / or knowledge use electrical devices unsupervised.

Use this TV set at an altitude of less than 2000 meters above the sea level, in dry locations and in regions with moderate or tropical climates.

The TV set is intended for household and similar general 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 top of, etc. on the power cord.

Always use the correct plug for 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 and inclined surfaces.
- To avoid danger of suffocation, keep plastic bags out of the reach of the 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.

 Caution	Serious injury or death risk
 Risk of electric shock	Important 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.

**Class II Equipment With Functional Earthing:** This appliance is designed in such a way that it does not require a safety connection to electrical earth, the earth connection is used for functional purposes.

**Protective Earth Connection:** The marked terminal is intended for connection of the protective earthing conductor associated with the supply wiring.

**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 reasonably 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 corrosive liquid battery. If this corrosive liquid 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.

## WARNING

Never place a television set in unstable or inclined locations. A television set may fall, causing serious personal injury or death. Many injuries, particularly to children, can be avoided by taking simple precautions such as:

- Using cabinets or stands recommended by the manufacturer of the television set.
- Only using furniture that can safely support the television set.
- Ensuring the television set is not overhanging the edge of the supporting furniture.

- Not placing the television set on tall furniture (for example, cupboards or bookcases) without anchoring both the furniture and the television set to a suitable support.

- Not standing the television set on cloth or other materials placed between the television and supporting furniture.

- Educating children about the dangers of climbing on furniture to reach the television set or its controls. If your existing television set is being retained and reallocated, the same considerations as above should be applied.

## 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.

## WARNING

Apparatus connected to the protective earthing of the building installation through the MAINS 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. Connection to a television distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11)

## Environmental Information

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

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

*Note:* Available **Energy Saving** options may differ depending on the selected **Mode** at the **SystemPicture** menu.

The **Energy Saving** settings can be found in the **SystemPicture** menu. Note that some picture settings will be unavailable to be changed.

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

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

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

## Features

- 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 TV both horizontally and vertically. Ultra HD contents are supported from HDMI, USB inputs and over DVB-T2 and DVB-S2 broadcasts.

- Remote controlled colour TV
- Fully integrated digital terrestrial/cable/satellite TV (DVB-T2/C/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.

- NTSC playback
- A/V (Automatic Volume Limiting)
- PLL (Frequency Search)
- PC input

- Game Mode (Optional)
- Picture off function
- Programme recording
- Programme timeshifting

## Accessories Included

- Remote Control
- Batteries: 2 x AAA

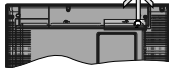
- Instruction Book
- Quick Start Guide

## Standby Notifications

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

The **Auto TV OFF** option (in the **System-Settings-More** menu) may be 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." Press **OK** to continue.

## TV Control Switch & Operation



1. Up direction
2. Down direction
3. Volume / Info / Sources List selection and Standby-On switch

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

**To change volume:** Increase the volume by pushing the button up. Decrease the volume by pushing the button down.

**To change channel:** Press the middle of the button in, the information banner will appear on the screen. Scroll through the stored channels by pushing the button up or down.

**To change source:** Press the middle of the button in twice (for the second time in total), the source list will appear on the screen. Scroll through the available sources by pushing the button up or down.

**To turn the TV off:** Press the middle of the button in and hold it down for a few seconds, the TV will turn into standby mode.

**To turn on the TV:** Press the middle of the button in, the TV will turn on.

#### Notes:

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

#### Operation with the Remote Control

Press the **Menu** button on your remote control to display main menu screen. Use the directional buttons to select a menu tab and press **OK** to enter. Use the directional buttons again to select or set an item. Press **Return/Back** or **Menu** button to quit a menu screen.

#### Input Selection

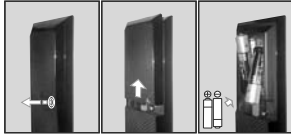
Once you have connected external systems to your TV, you can switch to different input sources. Press the **Source** button on your remote control consecutively to select the different sources.

#### Changing Channels and Volume

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

#### Inserting the Batteries into the Remote

Remove the screw that secures the battery compartment cover on the back side of the remote control. First, press the **slide the cover to open** (insert two AAA batteries) into the cover. Then, insert the (+) signs patch (observe correct polarity). Place the cover back on. Then screw the cover back on again.



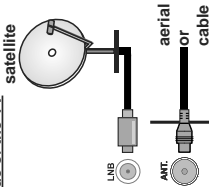
#### Connect Power

**IMPORTANT:** The TV set is designed to operate on 220-240V AC, 50 Hz socket. After unpacking, allow the TV set to reach the ambient room temperature before you connect the set to the mains. Plug the power cable to the mains socket outlet.

#### Antenna Connection

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

#### Rear side of the TV



#### License Notification

The terms HDMI and HDMI High-Definition Multimedia Interface, and the HDMI Logo are trademarks or registered trademarks of HDMI Licensing Administrator, Inc. in the United States and other countries.



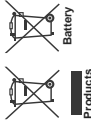
Manufactured under license from Dolby Laboratories, Dolby, Dolby Audio and the double-D symbol are trademarks of Dolby Laboratories.

#### Information for Users on Disposal of Old Equipment and Batteries

[European Union only]  
Equipment bearing these symbols should not be disposed as general household waste.

You should look for appropriate recycling facilities and systems for the disposal of these products.

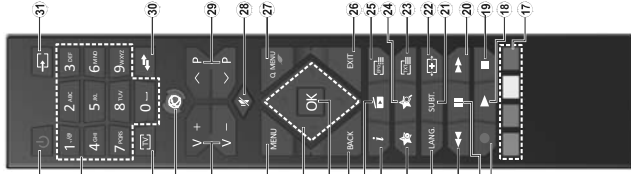
**Notes:** The sign Ph below the symbol for batteries indicates that this battery contains lead.



#### Specification

TV Broadcasting	PAL BG/IDK/LL SEC-AM BG/DK
Receiving Channels	VHF (BAND III) - UHF (BAND U) - HYPERBAND
Digital Reception	Fully integrated digital terrestrial-cable-satellite TV (DVB-T-C-S) (DVB-S2 compliant)
Number of Preset Channels	10,000
Channel Indicator	On Screen Display
RF Aerial Input	75 Ohm (unbalanced)
Operating Voltage	220-240V AC, 50Hz.
Audio	German-Nicam Stereo
Audio Output Power (Watts), (10% THD)	2 x 10
Power Consumption (W)	120
Networked Standby (W)	< 3
TV Dimensions DxLxH (with foot) (mm)	220 x 965 x 605
TV Dimensions DxLxH (without foot) (mm)	33/56 x 965 x 558
Display	43"
Operation temperature and operation humidity	0°C up to 40°C, 85% humidity max.

## Remote Control



- Standby:** Switches On/ Off the TV
- Numeric buttons:** Switches the channel, enters a number or a letter in the text box on the screen.
- TV:** Displays channel list/ Switches to TV Source
- No function**
- Volume +/-**
- Mute:** Displays TV menu
- Directional buttons:** Helps navigate menus, content and subpages in TXT mode when pressed Right or Left
- OK:** Confirms user selections, holds the page (in TXT mode), views channel list (DTV mode)
- Back/Return:** Returns to previous screen, opens index page (in TXT mode)
- Media browser:** Opens the media browsing screen
- Info:** Displays information about on-screen content, shows hidden information (reveal - in TXT mode)
- My button 1 (\*)**
- Language:** Switches among sound modes (analogue/digital), subtitle channels, audio/subtitle language (digital TV, where available)
- Rapid reverse:** Moves frames backwards in media such as movies
- Pause:** Pauses the media being played, starts timeshift recording
- 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
- Rapid advance:** Moves frames forward in media such as movies
- Subtitles:** Turns subtitles on and off (where available)
- Screen:** Changes the aspect ratio of the screen
- Text:** Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (if any)
- My button 2 (\*)**
- EPG (Electronic programme guide):** Displays the electronic programme guide
- Exit:** Closes and exits from displayed menus or returns to previous screen
- Mute:** Completely turns off the volume of the TV
- Quick Menu:** Displays a list of menus for quick access
- Programme +/-**
- Swap:** Quickly cycles between previous and current channels or sources
- Source:** Shows all available broadcast and content sources

### (\*) MY BUTTON 1 & MY BUTTON 2:

These buttons may have default functions depending on the mode. However you can set a special function to these buttons by pressing on them for five seconds when on a desired source or channel. A confirmation message will be displayed on the screen. Now the selected MY BUTTON is associated with the selected function.

Note that if you perform **First Time Installation**, MY BUTTON 1 & 2 will return to their default function.

## Connections

Connector	Type	Cables	Device
	VGA Connection (back)		
	PCYPHP Audio Connection (back)		
	HDMI Connection (side/back)		
	SPDIF (Optical Out) Connection (back)		
	Back AV (Audio/Video) Connection (back)		
	Headphone Connection (side)		
	YPbPr Video Connection (back)		
	USB Connection (side)		
	CI Connection (side)		

**NOTE:** When connecting a device to your TV, you need AV inputs, you must use the connection cables to enable connection. See the illustrations on the left side. | You can use YPbPr to VGA cable to enable YPbPr signal to VGA and YPbPr to VGA signal to YPbPr. | You can use a PCYPHP audio cable to enable YPbPr audio, you will need to use the back audio inputs with a YPbPr/PC audio cable for audio connection. | When using the PCYPHP audio cable, you need to plug it into the audio input on the back of the TV before mounting on the wall. | Insert or remove the CI module only when the TV is powered off. | For more information, refer to the module instruction manual for details of the settings. | The Each USB input of your TV supports devices up to 500mA. | Connecting devices that have current value above 500mA may damage your TV. | You need an HDMI cable to your TV, you have to use only a shielded (high grade) HDMI cable to guarantee a sufficient immunity against parasitic frequency radiation. And you need to use a high-speed HDMI cable to receive the high definition signals, such as 4K contents, for trouble-free transmission.

(\*) For external subwoofer connection



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

### Switching On/Off

#### To Switch the TV On

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

To switch on the TV from standby mode either:

- Press the **Standby button**, **Programme 4-**, or a numeric button on the remote control.
- Press the middle of the side function switch on the TV in.

#### To Switch the TV Off

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

#### To power down the TV completely, unplugging 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 Sleepy Search, Over Air-Download or Timers is active. The Standby Search 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**.

On the next screen, you set your preferences using the directional buttons.

*Note:* 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.

#### About Selecting Broadcast Type

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

**Digital Cable:** If Digital Cable broadcast search option is turned on, the TV will search for digital cable broadcasts after other initial settings are completed. According to your other preferences, a confirmation message may be displayed before starting to search. Select **YES** and press **OK** to proceed. To cancel operation, select **NO** and press **OK**. You can select Network or set values such as **Frequency**, **Network ID** and **Search Step**. When finished, press **OK** button. *Note:* Searching duration will change depending on the selected Search Step.

**Satellite:** If Satellite broadcast search option is turned on, the TV will search for digital satellite broadcasts after other initial settings are completed. Before satellite search is performed some settings should be made. **Antenna Type** menu will be displayed first. You can select **Antenna Type** as

**Direct, Single Satellite Cable or DiSEqC switch** by using **←** or **→** buttons.

• **Direct:** If you have a single receiver and a direct satellite dish, select this antenna type. Press **OK** to continue. Select **Antenna** 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 the **DiSEqC switch**, select this antenna type. Then set the **DiSEqC version** and press **OK** to continue. You can set up to four satellites (if available) for version V1.0 and sixteen satellites for version V1.1 on the next screen. Press **OK** button to scan the first satellite in the list.

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

Additionally you can set a broadcast type as your favourite one. Priority will be given to the selected broadcast type during the search process and the channels of it will be listed on the top of the **Channel List**. When finished, press **OK** to continue.

You can activate **Store Mode** option at this point. This option will configure your TV's settings for store environment and depending on the TV model being used, the supported features of it may be displayed on the top of the screen as an info banner. This option is intended only for store use. It is recommended to select **Home Mode** for home use. This option will not be available in **System-Settings-More** menu and can be turned off later.

Press **OK** button on the remote control to continue. After the initial settings are completed TV will start to search for available broadcasts of the selected broadcast types.

After all the available stations are stored, scan results will be displayed. Press **OK** to continue. The **Edit Channel List** menu will be displayed next. You can edit the channel list according to your preferences or press the **Menu** button to quit and watch TV.

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

*Note:* The LCN's in the menu system that organizes channels are not necessarily in a recognizable channel number sequence (if available).

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

### Using SatcoDX Feature

You can perform SatcoDX operations using the **Installations-Satellite Settings** menu. In the **SatcoDX** menu, there are two options regarding to the SatcoDX.

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

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

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

When you select one of these files, all services and related satellites and transponders in the selected file will be stored in the TV. If there are any installed terrestrial, cable and/or analog services, they will be kept and only satellite services will be removed. Afterwards, check your antenna settings and make changes if necessary. An error message stating **No Signal** may be displayed if the antenna settings are not configured properly.

#### Media Playback via USB Input

*You can connect 2.5" and 3.5" inch (hard 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 drive/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 the USB device itself. Do not pull out your drive while playing a file.

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

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

*Note:* When viewing image files the **Media Browser** menu will display 1600 image files stored on the connected USB device.

### 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 **Media Browser-Settings-Recording Settings** menu.

To record a programme, you should first connect a USB disk to your TV while the TV is switched off, then should them switch on the TV to enable the recording feature.

To use recording your USB drive should have 2 GB free space and be compatible with the USB drive. It is not compatible an error message will be displayed.

To record long duration programmes such as movies, it is recommended to use USB Hard disk drives (HDD's).

Recorded programmes are saved into the connected USB disk. If desired, you can store copy recordings on a computer; however, these files will not play the recorded clips only via your TV. Live Sync recording may occur during the timeshifting. Recording is limited to ten hours. The TV can record programmes up to ten hours.

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

It is recommended to use USB hard disk drives for recording HD programmes. Do not pull out the USB-HDD during a recording. This will corrupt the contents of the connected USB-HDD.

If the AC cord is unplugged while there is an active USB-HDD recording, it will be cancelled. Multiplication support is available. A maximum of two different programmes can be recorded. The first portion of the USB disk is used for PVR ready features. It also must be formatted as the primary partition to be used for the PVR ready features.

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

**Record Play Pause**, **Display** (for PlayListDialog) keys can not be used when **teletext** is on. It is recommended that timer when **teletext** is on. **teletext** is automatically turned off. Also **teletext** usage is disabled when there is an ongoing recording playback.

### Timeshift Recording

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

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

Timeshift cannot be used while in radio mode. You cannot use the timeshift last reverse feature before advancing the playback with the last forward option.

### Instant Recording

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

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

### Watching Recorded Programmes

Select **Recordings** from the **Media Browser** menu. Select a recorded item from the list (if previously recorded). Press the **OK** button to view the **Play Options**. Select an option then press **OK** button.

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

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

### Slow Forward

If you press **Pause** button while watching recorded programmes, the slow forward feature will be activated. Press **Play** button to return to normal playback. Press **Pause** button to stop forward. Pressing **Rapid Advance** button consecutively will change slow forwarding speed.

### Recording Configuration

Select the **Recording Settings** item in the **Media Browser-Settings** menu to configure the recording settings.

**Format Disk:** You can use the **Format Disk** feature for formatting the connected USB disk. Your PIN is required to use the **Format Disk** feature.

**Note:** Default PIN can 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, 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 Menu

You can play photo, music and movie files stored on a USB disk by connecting it to your TV. Connect a USB disk to one of the USB inputs located on the side of the TV. Pressing the **Menu** button while in the **Media Browser** mode will access the **Picture**, **Sound** and **Settings** menu options. Pressing the **Menu** button again will exit from this screen. You can set your **Media Browser** preferences by using the **Settings** menu.

### Loop/Shuffle Mode Operation

Start playback with the <b>Play</b> button and activate 	All files in the list will be continuously played in original order.
Start playback with the <b>OK</b> button and activate 	The same file will be played continuously (repeat).
Start playback with the <b>Play</b> button and activate 	All files in the list will be played once in a random order.
Start playback with the <b>Play</b> button and activate 	All files in the list will be continuously played in the same random order.

### Custom Boot Up Logo

You can personalize your TV and see your favorite image or audio on the screen during the TV's boot up. This image or audio will be stored as a file into a USB disk and you can upload from the **Media Browser** menu. When you have chosen the desired image, highlight it and press **OK** to view it in full screen. Press **OK** again to choose the image as custom logo. A confirmation message will be displayed. Select **Yes** and press **OK** screen during the TV's next boot up.

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

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

### CEC and CEC RC Passthrough

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

The CEC option in the **Systems-Settings-More** menu should be set as **Enabled** at first. Press the **Source** button and select the HDMI input of the connected CEC device from the **Sources List** menu. When new CEC source device is connected, it will be listed in source menu with its own name instead of the connected HDMI ports name (such as DVD Player, Recorder1 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 **Quick Menu** button on the remote and select **CEC RC Passthrough** and set as **Off** by pressing **Left** or **Right** button. This feature can also be enabled or disabled under the **Systems-Settings-More** menu.

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

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

**Note:** ARC is supported only via the HDMI2 input.

### System Audio Control

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

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

## TV Menu Contents

System - Picture Menu Contents	
<b>Mode</b>	You can change the picture mode to suit your preference or requirements. Picture mode can be set to one of these options: <b>Cinema</b> , <b>Game</b> (optional), <b>Sports</b> , <b>Dynamic</b> and <b>Natural</b> .
<b>Contrast</b>	Adjusts the light and dark values on the screen.
<b>Brightness</b>	Adjusts the brightness values on the screen.
<b>Sharpness</b>	Sets the sharpness values for the objects displayed on the screen.
<b>Colour</b>	Sets the colour value, adjusting the colours.
<b>Energy Saving</b>	For setting the <b>Energy Saving</b> to <b>Custom</b> , <b>Minimum</b> , <b>Medium</b> , <b>Maximum</b> , <b>Auto</b> , <b>Screen Off</b> or <b>Off</b> . <i>Note: Available options may differ depending on the selected Mode.</i>
<b>Backlight</b>	This setting controls the backlight level. The backlight function will be inactive if the <b>Energy Saving</b> is set to an option other than <b>Custom</b> .
<b>Advanced Settings</b>	
<b>Dynamic Contrast</b>	You can change the dynamic contrast ratio to desired value.
<b>Noise Reduction</b>	If the signal is weak and the picture is noisy, use the <b>Noise Reduction</b> setting to reduce the amount of noise.
<b>Colour Temp</b>	Sets the desired colour temperature value: <b>Cool</b> , <b>Normal</b> , <b>Warm</b> and <b>Custom</b> options are available.
<b>White Point</b>	If the <b>Colour Temp</b> option is set as <b>Custom</b> , this setting will be available. Increase the warmth or coolness of the picture by pressing <b>Left</b> or <b>Right</b> buttons.
<b>Picture Zoom</b>	Sets the desired image size format.
<b>Film Mode</b>	Films are recorded at a different number of frames per second to normal television programmes. Turn this feature on when you are watching films to see the fast motion scenes clearly.
<b>Skin Tone</b>	Skin tone can be changed between -5 and 5.
<b>Colour Shift</b>	Adjust the desired colour tone.
<b>HDMI Full Range</b>	While watching from a HDMI source, this feature will be visible. You can use this feature to enhance brightness in the picture.
<b>PC Position</b>	Appears only when the input source is set to <b>VGAPC</b> .
<b>Autoposition</b>	Automatically optimizes the display. Press <b>OK</b> to optimize.
<b>H Position</b>	This item shifts the image horizontally to the right hand side or left hand side of the screen.
<b>V Position</b>	This item shifts the image vertically towards the top or bottom of the screen.
<b>Dot Clock</b>	Dot Clock adjustments correct the interference that appears as vertical banding in dot intensive presentations like spreadsheets or paragraphs or text in smaller fonts.
<b>Phase</b>	Depending on the input source (computer etc.) you may see a hazy or noisy picture on the screen. You can use phase to get a clearer picture by trial and error.
<b>Reset</b>	Resets the picture settings to factory default settings (except <b>Game</b> mode).
<i>While in VGA (PC) mode, some items in Picture menu will be unavailable. Instead, VGA mode settings will be added to the Picture Settings while in PC mode.</i>	

System - Sound Menu Contents	
<b>Volume</b>	Adjusts the volume level.
<b>Equalizer</b>	Selects the equalizer mode. Custom settings can be made only when in <b>User</b> mode.
<b>Balance</b>	Adjusts whether the sound comes from the left or right speaker.
<b>Headphone</b>	Sets headphone volume. Please ensure before using headphones that the headphone volume is set to a low level, to prevent damage to your hearing.
<b>Sound Mode</b>	You can select a sound mode (if the viewed channel supports).
<b>AVL (Automatic Volume Limiting)</b>	Sets the sound to obtain fixed output level between programmes.
<b>Headphone/Lineout</b>	When you connect an external amplifier to your TV using the headphone jack, you can select this <b>Lineout</b> . If you have connected headphones to the TV, set this option as <b>Headphone</b> . Please ensure before using headphones that this menu item is set to <b>Headphone</b> . If it is set to <b>Lineout</b> , the output from the headphone socket will be set to maximum which could damage your hearing.
<b>Dynamic Bass</b>	Enables or disables the Dynamic Bass.
<b>Surround sound</b>	Surround sound mode can be changed as <b>On</b> or <b>Off</b> .
<b>Digital Out</b>	Sets digital out audio type.

<b>System - Settings Menu Contents</b>	Controls conditional access modules when available.
<b>Conditional Access</b>	You may set a different language depending on the broadcaster and the country.
<b>Language</b>	Enter correct password to change parental settings. You can easily adjust <b>Menu Lock</b> , <b>Maturity Lock</b> , <b>Child Lock</b> or <b>Guidance</b> in this menu. You can also set a new PIN or change the <b>Default CICAM PIN</b> using the related options. <i>Note: Some menu options may not be available depending on the country selection in the First Time Installation menu. For more information, see the First Time Installation menu.</i>
<b>Parental</b>	Set sleep timer to turn off the TV after a certain time. Sets timers for selected programmes.
<b>Timers</b>	Sets date and time.
<b>Date/Time</b>	Enables or disables selected source options. There are <b>Regular</b> , <b>Enhanced</b> and <b>Disabled</b> options available for HDMI sources. <b>Regular</b> and <b>Enhanced</b> options are affecting the colour settings of the selected HDMI source. To be able to watch 4K images from an HDMI source related source setting should be set as <b>Enhanced</b> if the connected device is HDMI 2.0 compatible. Set as <b>Regular</b> if the connected device is HDMI 1.4 compatible. Set accordingly or disable the related HDMI source by setting as <b>Disabled</b> .
<b>Sources</b>	Displays accessibility options of the TV.
<b>Accessibility</b>	Enables any special feature sent from the broadcaster.
<b>Hard of Hearing</b>	A narration track will be played for the blind or visually impaired audience. Press <b>OK</b> to see all available <b>Audio Description</b> 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.</i>
<b>Audio Description</b>	Displays other setting options of the TV.
<b>More</b>	Changes timesout duration for menu screens.
<b>Menu Timeout</b>	Ensures that your TV has the latest firmware. Press <b>OK</b> to see the menu options.
<b>Software Upgrade</b>	Displays current software version.
<b>Application Version</b>	This option is used to select which subtitle mode will be on the screen ( <b>DVB</b> subtitle / <b>Teletext</b> subtitle) if both is available. Default value is <b>DVB</b> subtitle. This feature is available only for the country option of Norway.
<b>Subtitle Mode</b>	Sets the desired time for the TV to automatically go into standby mode when not being operated.
<b>Auto TV OFF</b>	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 <b>Biss Key</b> and press <b>OK</b> to enter keys on the desired broadcast.
<b>Biss Key</b>	Select this mode for store display purposes. Whilst <b>Store Mode</b> is enabled, some items in the TV menu may not be available.
<b>Store Mode</b>	

<b>Power Up Mode</b>	This setting configures the power up mode preference. <b>Last State</b> and <b>Standby</b> options are available.
<b>OSS</b>	Displays Open Source Software license information.
<b>Installation Menu Contents</b>	
<b>Automatic channel scan (Return)</b>	Displays automatic tuning options: <b>Digital Aerial</b> : Searches and stores aerial DVB stations. <b>Digital Cable</b> : Searches and stores digital DVB stations. <b>Analogue</b> : Searches and stores analogue stations. <b>Satellite</b> : Searches and stores satellite stations.
<b>Manual channel scan</b>	This feature can be used for direct broadcast entry.
<b>Network channel scan</b>	Searches for the linked channels in the broadcast system. <b>Digital Aerial</b> : Searches for aerial network channels. <b>Digital Cable</b> : Searches for cable network channels.
<b>Analogue fine tune</b>	You can use this setting for fine tuning analogue channels. This feature is not available if no analogue channels are stored.
<b>Satellite Settings</b>	Displays satellite settings. <b>Satellite list</b> : Displays available satellites. You can <b>Add</b> , <b>Delete</b> satellites or <b>Edit</b> satellite settings on the list. <b>Antenna Installation</b> : You can change satellite antenna settings and/or start a satellite scan. <b>SatCoDX</b> : You can upload or download SatCoDX data using the related options.
<b>Installation Settings</b>	Displays installation settings menu. <b>Standby Search (Optional)</b> : Your TV will search for new or missing channels while in standby. Any new found broadcasts will be shown.
<b>Clear Service List</b>	Use this setting to clear channels stored. This setting is visible only when the <b>Country</b> option is set to Denmark, Sweden, Norway or Finland.
<b>Select Active Network</b>	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.
<b>First time installation</b>	Deletes all stored channels and settings, resets TV to factory settings.

## 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 Channel List options. Press the OK button to open the Channel List. You can filter the listed channels by pressing the Blue button or open the Edit Channel List menu by pressing the Green button in order to make advanced changes in the current list.

### Managing the Favourite Lists

You can create four different lists of your favourite channels. Enter the Channel List in the main menu or press the Green button while the Channel List is displayed on the screen in order to open the Edit Channel List menu. Select the desired channel on the list. You can make multiple choices by pressing the Yellow button. Then press the OK button to open the Channel Edit Options menu and select Add/Remove Favourites option. Press the OK button again. 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 Filter function in the Edit Channel List menu to filter the channels in the Channel list permanently according to your preferences. Using this Filter option, you can set one of your four favourite lists to be displayed everytime the Channel list is opened. The filtering function in the Channel list menu will only filter the currently displayed Channel list in order to find a channel and tune in to it. These changes will not remain the next time the Channel list is opened if you don't save them. To save the changes on the list press the Red button after filtering while the Channel list is displayed on the screen.

### Configuring Parental Settings

The Parental Settings menu options can be used to prohibit users from viewing of certain programmes, channels and using of menus. These settings are located in the Systems-Settings-Parental menu. To display parental lock menu options, a PIN number should be entered. After coding the correct PIN number, Parental Settings menu will be displayed. Menu Lock: This setting enables or disables access to all menus or installation menus of the TV.

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

*Note:* If the country option in the First Time Installation is set to France, Italy or Austria, Maturity Lock's value will be set to 16 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 can be set to 0000 or 1234. If you have selected the PIN(s) requested depending on the country selection during the First Time Installation use the PIN that you have defined.

*Some options may not be available depending on the country selected during the First Time Installation.*

### Electronic Programme Guide (EPG)

Some channels send information about their broadcast schedules. Press the Epg button to view the Programme Guide menu.

There are 3 different types of schedule layouts available. **Timeline Schedule, List Schedule** and **Now/Next Schedule.** To switch between them follow the instructions on the bottom of the screen.

### Timeline Schedule

**Zoom (Yellow button):** Press the Yellow button to see events in a wider time interval.

**Filter (Blue button):** Views filtering options.

**Highlight Genre (Subtitles button):** Displays Highlight Genre menu. Using this feature, you can search the programme guide database in accordance with the genre. Info available in the programme guide will be searched and results matching your criteria will be highlighted.

**Options (OK button):** Displays event options.

**Event Details (Info button):** Displays detailed information about selected programmes.

**Next/Prev Day (Programme +/- buttons):** Displays the programmes of previous or next day.

**Search (Text button):** Displays current event of the programme.

**Now (Source button):** Displays current event of the highlighted channel.

**Rec./Stop (Record button):** The TV will start to record the selected programme. You can press a gain to stop the recording.

### List Schedule (\*)

*(\*) In this layout option, only the events of the highlighted channel will be listed.*

**Prev. Time Slice (Red button):** Displays the programmes of previous time slice.

**Next/Prev Day (Programme +/- buttons):** Displays the programmes of previous or next day.

**Event Details (Info button):** Displays detailed information about selected programmes.

**Filter (Text button):** Views filtering options.

**Next Time Slice (Green button):** Displays the programmes of next time slice.

**Options (OK button):** Displays event options.

**Rec./Stop (Record button):** The TV will start to record the selected programme. You can press again to stop the recording.

### Now/Next Schedule

**Options (OK button):** Displays event options. **Event Details (Info button):** Displays detailed information about selected programmes.

**Filter (Blue button):** Views filtering options.

**Rec./Stop (Record button):** The TV will start to record the selected programme. You can press again to stop the recording.

### Programme Options

Use the directional buttons to highlight a programme and press OK button to display Event Options menu. The following options are available.

**Select Channel:** Using this option, you can switch to the selected channel.

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

To cancel an already set recording, highlight that programme and press the OK button and select cancel. **Delete Rec. Timer:** The recording will be cancelled.

**Set Timer on Event / Delete Timer on Event:** After you have selected a programme in the EPG menu, press the OK button. Select **Set Timer on Event** option and press the OK button. You can set a timer for future programmes. To cancel an already set timer, highlight that programme and press the OK button. Then select **Delete Timer on Event** option. The timer will be cancelled.

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

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

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

### Teletext Services

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

### Digital Teletext

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

When the Text button is pressed again, the TV returns to television broadcast.

### Software Upgrade

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

**Software upgrade search via user interface**  
On the main menu select **Systems-Settings** and then **More.** Navigate to **Software upgrade** and press the OK button. In **Upgrade options** menu select **Scan for upgrade** and press OK button to check for a new software upgrade.

If a new upgrade is found, it starts to download the upgrade. After the download is completed the confirmation question asking about rebooting the TV by pressing the OK to continue with the reboot operation.

### 3 AM search and upgrade mode

Your TV will search for new upgrades at 3:00 o'clock if **Automatic scanning options** in the **Upgrade options** menu 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.

### Troubleshooting & Tips

#### TV will not turn on

Make sure the power cord is plugged in securely to wall outlet. Check if batteries are exhausted. Press the Power button on the TV.

#### Poor picture

- Check if you have selected the correct TV system. Check antenna access.

- Check if you have entered the correct channel frequency if you have done manual tuning.

- The picture quality may degrade when two devices are connected to the TV at the same time. In such a case, disconnect one of the devices.

#### No picture

- This means your TV is not receiving any transmission. Make sure the correct source has been selected.

- Is the antenna connected properly?

- Are suitable cables used to connect the antenna?

- If you are in doubt, consult your dealer.

#### No sound

- Check if the TV is muted. Press the Mute button or increase the volume to check.

- Sound may be coming from only one speaker. Check the balance settings from **Sound** menu.
- **Remote control - no operation**
- The batteries may be exhausted. Replace the batteries.

#### Input sources - can not be selected

- If you cannot select an input source, it is possible that no device is connected. If not,
- Check the AV cables and connections if you have tried to connect a device.
- Check the AV cables and connections if you are trying to switch to the input source dedicated to the connected device.

#### Recording unavailable

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 recording feature. If you cannot record, try switching off the TV and then re-inserting the USB device.

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

#### PC Input, Typical Display Modes

The following table is an illustration of some of the typical videodisplay modes. Your TV may not support all resolutions.

Index	Resolution	Frequency
1	640x480	60Hz
2	640x480	72Hz
3	640x480	72Hz
4	640x480	75Hz
5	800x600	60Hz
6	800x600	60Hz
7	800x600	72Hz
8	800x600	75Hz
9	1024x768	60Hz
10	1024x768	70Hz
11	1024x768	75Hz
12	1024x768	85Hz
13	1152x864	75Hz
14	1280x768	60Hz
15	1280x768	75Hz
16	1280x768	75Hz
17	1280x800	75Hz
18	1280x1024	60Hz
19	1280x1024	75Hz
20	1360x768	60Hz
21	1360x768	60Hz
22	1400x1050	50Hz
23	1400x1050	50Hz
24	1400x1050	75Hz
25	1440x900	60Hz
26	1440x900	75Hz
27	1600x1200	60Hz
28	1600x1050	50Hz
29	1600x1050	60Hz
30	1600x1050	60Hz

Source	Supported Signals	Available
Side AV	PAL	O
	SECAM	O
	NTSC4.43	O
YPbPr	NTSC3.58	O
	480i, 480p	O
	576i, 576p	O
	720p	O
HDMI	1080i	O
	1080p	O
	1080i	O
	1080p	O
	1080p	O
	1080p	O
	1080p	O
	1080p	O
	1080p	O
	1080p	O
1080p	O	

(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 Video File Formats for USB Mode**

Video Codec	Resolution	Bit Rate	Container
MPEG1/2			MPEG program stream (.DAT), VOB, MPG, MPEG, MPEG transport stream (.ts, .tp, .ip), MP4 (.mp4, .mov), 3GPP (.3gp, .3gpp), AVI (.avi), MKV (.mkv), ASF (.asf)
MPEG4	1080P@x2@30fps, 1080P@60fps	40Mbps	MPEG program stream (MPG, MPEG), MP4 (.mp4, .mov), 3GPP (.3gp, .3gpp), AVI (.avi), MKV (.mkv), ASF (.asf)
Xvid			FLV (.flv), AVI (.avi), SWF (.swf)
H.263			MP4 (.mp4, .mov), 3GPP (.3gp), AVI (.avi), MKV (.mkv)
H.264	960x2160@30fps, 1080P@60fps	135Mbps	FLV (.flv), MP4 (.mp4, .mov), 3GPP (.3gp), AVI (.avi), MKV (.mkv), MPEG transport stream (.ts, .tp, .ip), ASF (.asf), AVI (.avi), MKV (.mkv), ASF (.asf)
Motion JPEG	720P@30fps	10Mbps	MP4 (.mp4, .mov), 3GPP (.3gp), MP4 (.mp4, .mov), MKV (.mkv), ASF (.asf)
VP8	1080P@30fps	20Mbps	MKV (.mkv), WebM (.webm)
HEVC/H.265	4K2K@60fps	100Mbps	MP4 (.mp4, .mov), MKV (.mkv), MPEG transport stream (.ts, .tp, .ip), 3GPP (.3gp, .3gpp)
VP9	4K2K@30fps	100Mbps	MKV (.mkv), WebM (.webm)

**Supported Picture File Formats for USB Mode**

Image	Photo	Resolution (width x height)	Remark
JPEG	Base-line Progressive	15360x8640 1024x768	
PNG	non-interface interface	9600x6400 1200x800	The limit for max resolution depends on DRAM size
BMP		9600x6400	

**Supported Audio File Formats for USB Mode**

Audio Codec	Sample rate	Bit Rate	Container
MPEG1/2 Layer1	16KHz ~ 48KHz	32Kbps ~ 448Kbps	MP3 (.mp3), AVI (.avi), ASF (.asf), Matroska (.mka), MPEG transport stream (.ts, .tp, .ip), MPEG program stream (.DAT), VOB, MPG, MPEG, WAV (.wav)
MPEG1/2 Layer2	16KHz ~ 48KHz	8Kbps ~ 384Kbps	MP3 (.mp3), AVI (.avi), ASF (.asf), Matroska (.mka), MPEG transport stream (.ts, .tp, .ip), MPEG program stream (.DAT), VOB, MPG, MPEG, WAV (.wav)
MPEG1/2 Layer3	16KHz ~ 48KHz	8Kbps ~ 320Kbps	MP3 (.mp3), AVI (.avi), ASF (.asf), Matroska (.mka), 3GPP (.3gp, .3gpp), MP4 (.mp4, .mov, m4a), MPEG transport stream (.ts, .tp, .ip), MPEG program stream (.DAT), VOB, MPG, MPEG, FLV (.flv), WAV (.wav), SWF (.swf)
AC3	32KHz, 44.1KHz, 48KHz	32Kbps ~ 640Kbps	AC3 (.ac3), AVI (.avi), Matroska (.mka), 3GPP (.3gp, .3gpp), MP4 (.mp4, .mov, m4a), MPEG transport stream (.ts, .tp, .ip), MPEG program stream (.DAT), VOB, MPG, MPEG
EAC3	32KHz, 44.1KHz, 48KHz	32Kbps ~ 6Mbps	EAC3 (.ac3), 3GPP (.3gp, .3gpp), MP4 (.mp4, .mov, m4a), MPEG transport stream (.ts, .tp, .ip), MPEG program stream (.DAT), VOB, MPG, MPEG
AAC, HEAAC	8KHz ~ 48KHz		AAC (.aac), AVI (.avi), Matroska (.mka), 3GPP (.3gp, .3gpp), MP4 (.mp4, .mov, m4a), MPEG transport stream (.ts, .tp, .ip), MPEG program stream (.DAT), VOB, MPG, MPEG, FLV (.flv), RM (.ra)
WMA	8KHz ~ 48KHz	128Kbps ~ 320Kbps	
WMA 10 Pro M0	48KHz	< 128Kbps	ASF (.wma, .asf), AVI (.avi), Matroska (.mka)
WMA 10 Pro H1	48KHz	< 384Kbps	
WMA 10 Pro H2	96KHz	< 768Kbps	
G711 A/mu-law	8KHz	64Kbps ~ 128Kbps	WAV (.wav), AVI (.avi), Matroska (.mka), 3GPP (.3gp, .3gpp), MP4 (.mp4, .mov, m4a)
LBR (cook)	8KHz, 11.025KHz, 22.05KHz, 44.1KHz	6Kbps ~ 128Kbps	RM (.ra)
FLAC	8KHz~96KHz	< 1.6Mbps	Matroska (.mka, .mka)

### Supported Subtitle File Formats for USB Mode

Extension	Container	Subtitle Code
dol, mpeg, mpeg, vob	MPEG, MPEG	DVD Subtitle
ts, trp, tp	TS	DVB Subtitle
mp4	MP4	DVD Subtitle UTF-8 Plain Text
mkv	MKV	ASS UTF-8 Plain Text Vob-Sub DVD Subtitle
avi	AVI (1.0, 2.0), DMF0, 1, 2	XSUB XSUB+

Extension	Subtitle Parser	Remark
.srt	Subrip	
.ssa/.ass	SubStation Alpha	
.smi	SAMI	
.sub	SubViewer MicroDVD DVD-SubtitleSystem Subler (VobSub)	SubViewer 1.0 & 2.0 Only
.txt	TMPPlayer	

### 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.

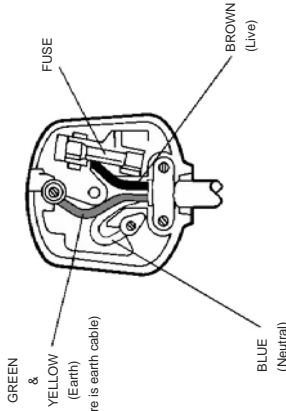
	59Hz	60Hz	66Hz	70Hz	72Hz	75Hz
640x480	☑					☑
800x600	☑					☑
1024x768	☑			☑		☑
1280x768	☑					☑
1280x800	☑					☑
1360x768	☑					☑
1280x1024	☑			☑		☑
1400x1050	☑					☑
1600x900	☑					☑
1920x1080	☑					☑

### Important Instructions

For your own safety read the following instructions carefully before attempting to connect this unit to the mains supply.

#### MAINS (AC) OPERATION

The wires in the mains lead are coloured in accordance with the following code :



#### IMPORTANT

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured green and yellow must be connected to the terminal which is marked with the letter E, or by the earth symbol, or coloured green or yellow.

The wire which is coloured blue or black must be connected to the terminal which is marked with the letter N or coloured Black.

The wire which is coloured brown or red must be connected to the terminal which is marked with the letter L or coloured Red.

For continued protection against risk of fire, replace only with same type and rating of fuse (ASTA approved 5A 250VAC fuse).

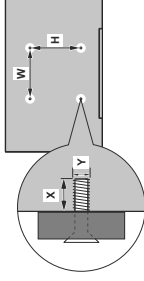
#### CAUTION

TO PREVENT ELECTRIC SHOCK DISCONNECT FROM THE MAINS BEFORE REMOVING COVER. NO USER SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

#### SAFETY PRECAUTION

THIS EQUIPMENT MUST BE DISCONNECTED FROM THE MAINS WHEN NOT IN USE. DO NOT ALLOW THIS UNIT TO BE EXPOSED TO RAIN OR MOISTURE.

VESA WALL MOUNT MEASUREMENTS			
Hole Pattern Sizes (mm)	W	H	
	200	200	
Length (X)	Screw Sizes		
	min. (mm)	10	
Thread (Y)	max. (mm) 13		
	M6		



## Product Fiche

Commercial Brand: Walker

Product No.	10115137		
Model No.	WPS43ELED		
Energy efficiency class	A+		
	Visible screen size (diagonal, approx.) (inch/cm)	43 inches	109 cm
On mode average power consumption (Watt)	54		
Annual energy consumption (kWh/annum)	78		
Standby power consumption (Watt)	0,5		
Off mode power consumption (Watt)	0		
Display resolution (px)	3840x2160		

- TR:** İşbu belge; VESTEL Elektronik Sanayi ve Ticaret A.Ş., telsiz ekipmanı tipi TFT IDTV 'nin 2014/53/AB sayılı direktife uygun olduğunu beyan eder. AB uygunluk beyanının tam metni internet adresinde mevcuttur: doc.vosshub.com
- EN:** 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
- BG:** С настоящото VESTEL Elektronik Sanayi ve Ticaret A.Ş., декларира, че този тип радиосъоръжение TFT IDTV е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: doc.vosshub.com
- CZ:** Tímto VESTEL Elektronik Sanayi ve Ticaret A.Ş., prohlašuje, že typ rádiového zařízení TFT IDTV je v souladu se směrnicí 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: doc.vosshub.com
- DA:** Hermed erklærer VESTEL Elektronik Sanayi ve Ticaret A.Ş., at radioudstyrstypen TFT IDTV er i overensstemmelse med direktiv 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: doc.vosshub.com
- DE:** Hiermit erklärt VESTEL Elektronik Sanayi ve Ticaret A.Ş., dass der Funkanlagentyp TFT IDTV der Richtlinie 2014/53/EU entspricht. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: doc.vosshub.com
- EL:** Με την παρούσα ο/η VESTEL Elektronik Sanayi ve Ticaret A.Ş., δηλώνει ότι ο ραδιοεξοπλισμός TFT IDTV πληροί τις οδηγίες 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: doc.vosshub.com
- ES:** Por la presente, VESTEL Elektronik Sanayi ve Ticaret A.Ş., declara que el tipo de equipo radioeléctrico TFT IDTV es conforme con la Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: doc.vosshub.com
- ET:** Käesolevaga deklareerib VESTEL Elektronik Sanayi ve Ticaret A.Ş., et käesolev raadioseadme tüüp TFT IDTV vastab direktiivi 2014/53/EL nõuetele. Eli vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: doc.vosshub.com
- FI:** VESTEL Elektronik Sanayi ve Ticaret A.Ş., vakuuttaa, että radiolaitetyyppi TFT IDTV on direktiivin 2014/53/EU mukainen. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: doc.vosshub.com
- FR:** Le soussigné, VESTEL Elektronik Sanayi ve Ticaret A.Ş., déclare que l'équipement radioélectrique du type TFT IDTV est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: doc.vosshub.com
- HR:** VESTEL Elektronik Sanayi ve Ticaret A.Ş., ovime izjavljuje da je radijska oprema tipa TFT IDTV u skladu s Direktivom 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: doc.vosshub.com
- HU:** VESTEL Elektronik Sanayi ve Ticaret A.Ş., igazolja, hogy a TFT IDTV típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: doc.vosshub.com
- IT:** Il fabbricante, VESTEL Elektronik Sanayi ve Ticaret A.Ş., dichiara che il tipo di apparecchiatura radio TFT IDTV è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: doc.vosshub.com
- LT:** Aš, VESTEL Elektronik Sanayi ve Ticaret A.Ş., patvirtinu, kad radio įrenginio tipas TFT IDTV atitinka Direktyvą 2014/53/ES. Visas ES atitikties deklaracijos tekstas prieinamas šiuo interneto adresu: doc.vosshub.com
- LV:** Ar šo VESTEL Elektronik Sanayi ve Ticaret A.Ş., deklarē, ka radioiekārtā TFT IDTV atbilst Direktīvai 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: doc.vosshub.com
- MT:** B'dan, VESTEL Elektronik Sanayi ve Ticaret A.Ş., niddikjara li dan it-tip ta' tagħmir tar-radju TFT IDTV huwa konformi mad-Direttiva 2014/53/UE. It-test kollu tad-dikjarazzjoni ta' konformità tal-UE huwa disponibbli f'dan l-indirizz tal-Internet li ġej: doc.vosshub.com
- NL:** Hierbij verklaar ik, VESTEL Elektronik Sanayi ve Ticaret A.Ş., dat het type radioapparatuur TFT IDTV conform is met Richtlijn 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: doc.vosshub.com
- PL:** VESTEL Elektronik Sanayi ve Ticaret A.Ş., niniejszym oświadczam, że typ urządzenia radiowego TFT IDTV jest zgodny z dyrektywą 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: doc.vosshub.com
- PT:** O(a) abaixo assinado(a) VESTEL Elektronik Sanayi ve Ticaret A.Ş., declara que o presente tipo de equipamento de rádio TFT IDTV está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: doc.vosshub.com
- RO:** Prin prezenta, VESTEL Elektronik Sanayi ve Ticaret A.Ş., declară că tipul de echipamente radio TFT IDTV este în conformitate cu Directiva 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: doc.vosshub.com
- SK:** VESTEL Elektronik Sanayi ve Ticaret A.Ş., týmto vyhlasuje, že rádiové zariadenie typu TFT IDTV je v súlade so smernicou 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: doc.vosshub.com
- SL:** VESTEL Elektronik Sanayi ve Ticaret A.Ş., potrjuje, da je tip radijske opreme TFT IDTV skladen z Direktivo 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: doc.vosshub.com
- SV:** Härmed försäkrar VESTEL Elektronik Sanayi ve Ticaret A.Ş., att denna typ av radioutrustning TFT IDTV överensstämmer med direktiv 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: doc.vosshub.com







# WALKER

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