

User Manual

MEDION[®]

**55" (138.8 CM) SMART 4K ULTRA HD TV WITH HDR
X15507**



**Product
Info**



www.aldi.co.uk

+ VIDEO

QR codes take you where you want to go quickly and easily

Whether you require **product information**, **spare parts** or **accessories**, details on **warranties** or **aftersales services**, or if you want to watch a **product demonstration video**, our QR codes will take you there in no time at all.

What is a QR code?

A QR code (QR = Quick Response) is a type of matrix that can be read with a smartphone camera and that contains a link to a website or contact details, for example.

Advantage: You do not need to manually enter a website address or contact details.

How it works

To scan the QR code, all you need is a smartphone with QR code reader software and an internet connection.

This type of software can be downloaded for free from your smartphone's app store.

Try it out now

Just scan the QR code with your smartphone and find out more about the ALDI product you have purchased.

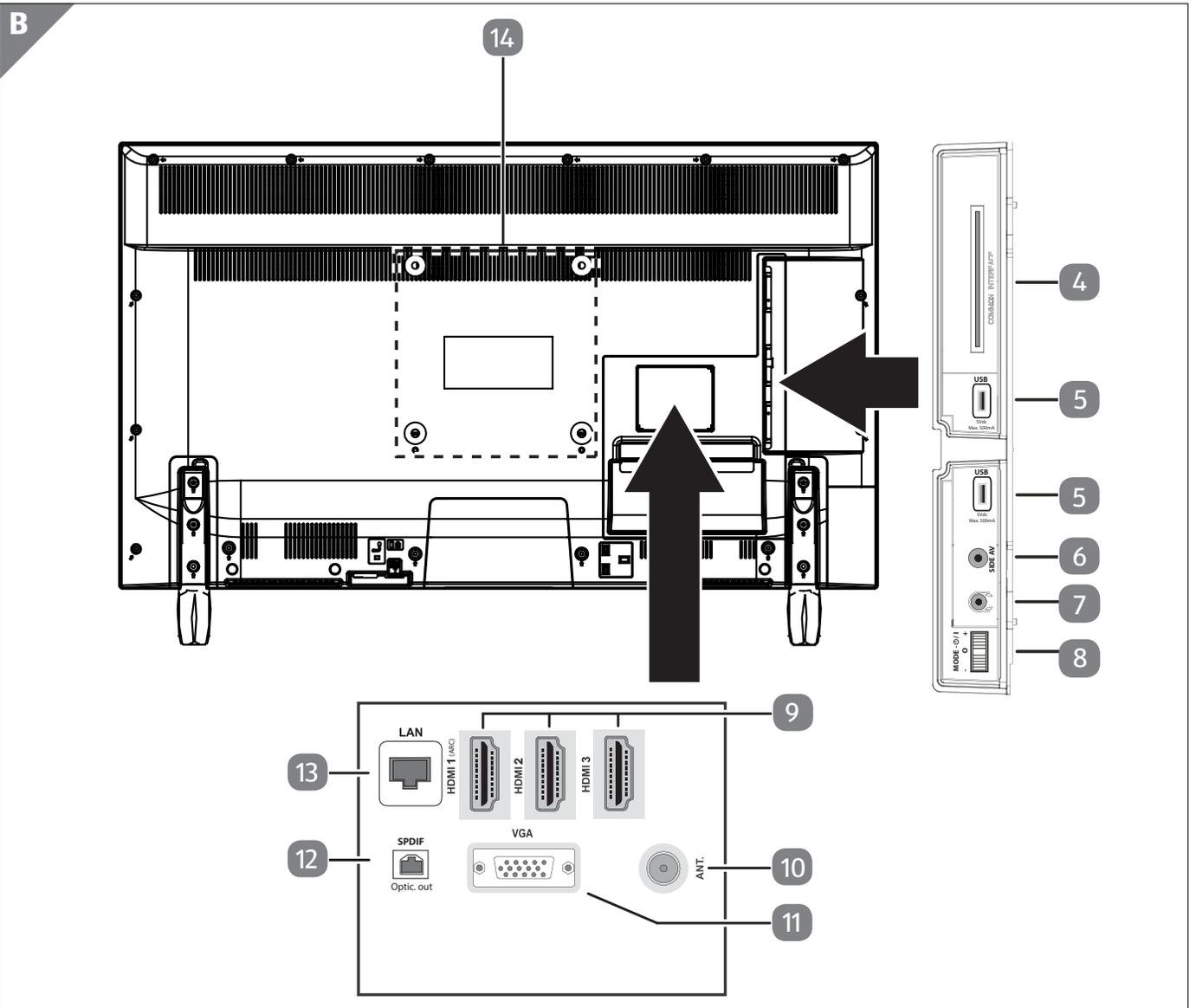
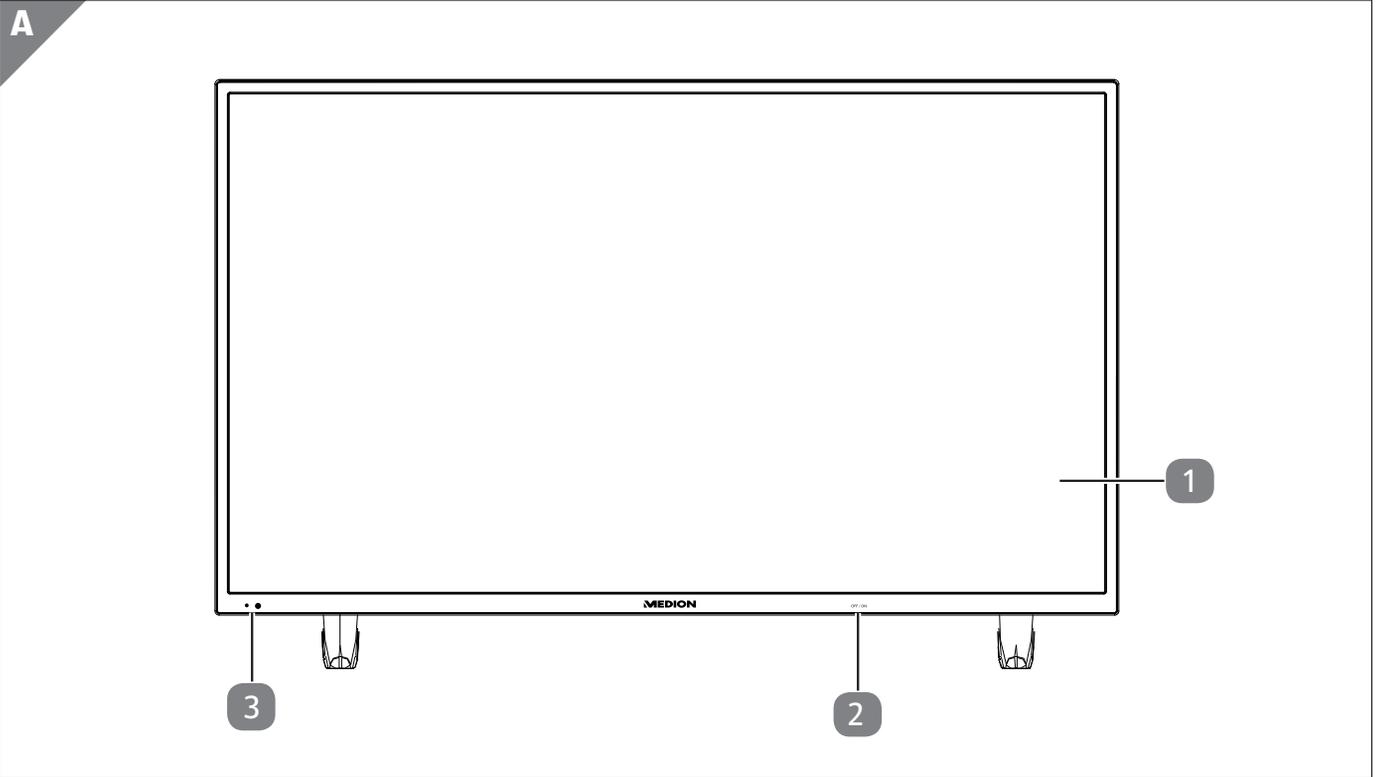
Your ALDI Service Portal

All details mentioned above can also be found in the ALDI Service Portal at www.aldi.co.uk.

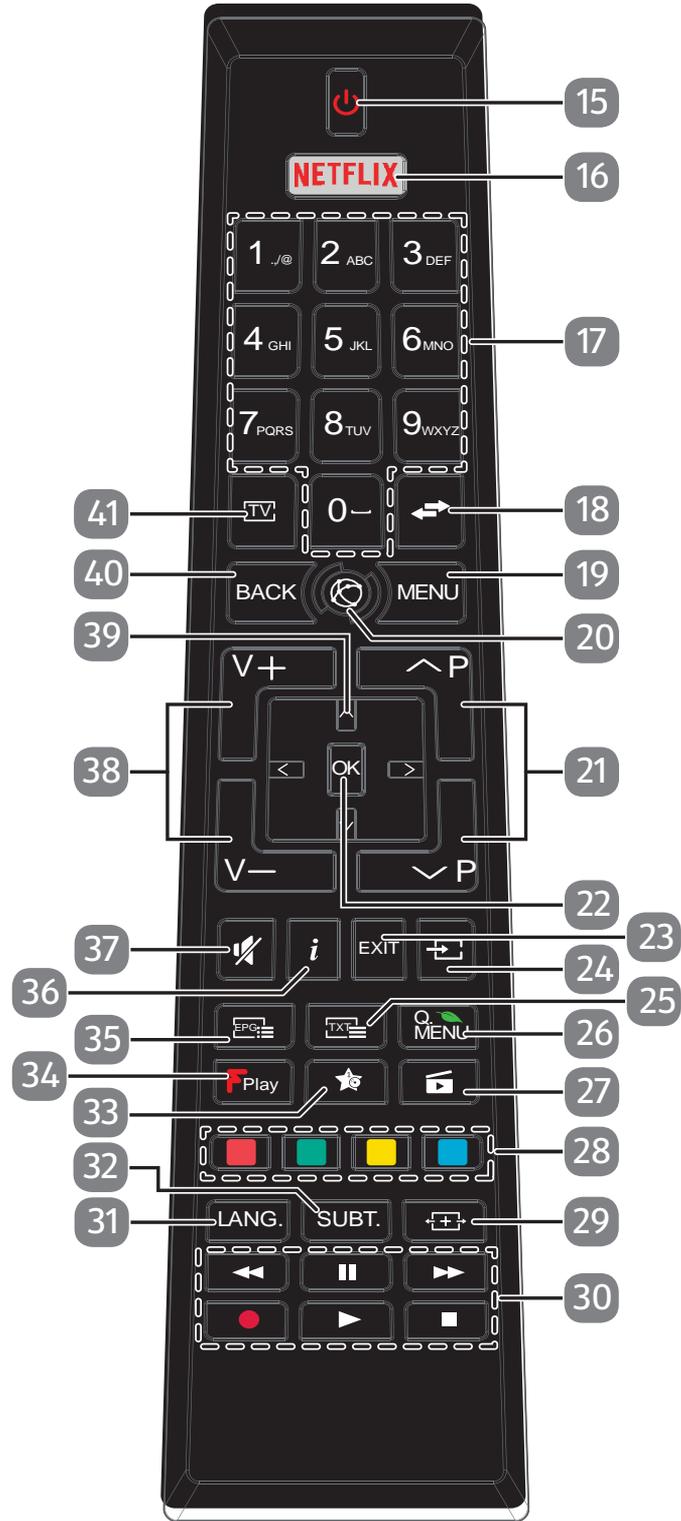


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Device parts

- 1 LCD screen
- 2 Mains switch
- 3 Infrared sensor / Operating light
- 4 COMMON INTERFACE (CI+)
- 5 USB (5V , 500 mA max.)
- 6 SIDE AV
- 7 
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About these operating instructions



Read the safety instructions carefully before using the device for the first time. Note the warnings on the device and in the operating instructions.

Always keep the operating instructions close to hand. If you sell the device or give it away, please ensure that you also pass on these instructions.

Explanation of symbols



This signal word indicates a hazard with a high level of risk which, if not avoided, will result in death or serious injury.



This signal word indicates a hazard with a medium level of risk which, if not avoided, could result in death or serious injury.



This signal word indicates a hazard with a low level of risk which, if not avoided, could result in minor or moderate injury.



This signal word warns of possible damage to property.



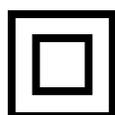
This symbol gives you useful additional information on assembly or operation.



Declaration of conformity (see section 'Declaration of conformity'): Products that feature this symbol meet the requirements of the EC directives.



The Tested Safety Mark (GS Mark) is used to certify that a product complies with the requirements of the German Product Safety Act (ProdSG). These requirements are described in the accident prevention regulations from the employer's liability insurance associations, the DIN standards and European standards or other generally recognised technical regulations.



Safety class II

Electrical appliances in protection class II are electrical appliances that permanently have double or reinforced insulation and do not have any connection options for a protective earth. The housing of an electrical appliance in protection class II that is enclosed in insulated material can partially or fully act as the additional or reinforced insulation.

Proper use

This is an information technology device and is also suitable for multimedia applications. This device is used to receive and play back television programmes. The range of different connections supplied makes it possible to expand the input and output sources (receiver, DVD player, DVD recorder, video recorder, PC, etc.). Your device offers a number of options for usage.

The device is intended for private use only and not for industrial/commercial use.

- Please note that we shall not be liable for damage caused by improper use.
- Do not modify the device without our consent and do not use any auxiliary equipment that we have not approved or supplied.
- Use only spare parts and accessories that we have supplied or approved.
- Heed all the information in these operating instructions, especially the safety information. Any other use is deemed improper and can cause personal injury or property damage.
- Do not use the device in extreme environmental conditions.
- This device is intended for use in dry, indoor areas only.
- This device is not designed to be used as a data monitor for office workplaces.

Ultra HD

Your smart TV is equipped with the feature “Ultra HD”. This means that it can generally display high resolution pictures with four times the level of detail as Full HD.

The prerequisite for this is an Ultra HD TV signal.

HDR (High Dynamic Range)

HDR technology offers a higher dynamic range with respect to the brightness values of the displayed colours. This means that each of the colour values can be displayed in 1024 steps instead of the previous maximum of 256 steps. This quadrupling of the dynamic range makes the darkest areas of the picture even darker and the brightest areas even brighter. It creates a more realistic impression and enables you to see details that were previously unrecognisable with a smaller brightness range. HDR must be supported by the channel, streaming service or hardware of the connected device and the Blue Ray.



For the HDMI inputs, go to the **SOURCES** menu and select the **ENHANCED** setting if you wish to play back content with HDR.

Package contents

Please check your purchase to ensure that all the items are included and contact us within 14 days of purchase if any parts are missing.



Risk of suffocation!

Packaging film can be swallowed or used improperly. Therefore, there is a risk of suffocation!

- Keep packaging material such as plastic film or plastic bags away from children.

The following items are supplied with your product:

- Smart TV
- Remote control (RC4996) incl. 2 x 1.5 V batteries (type LR03/AAA)
- AV adapter
- Stand incl. fastening screws
- Documentation

Safety instructions

Operating safety

- Check the device for damage before using it for the first time. A defective or damaged device must not be placed into operation.
- This device may be used by children over the age of 8 and by persons with reduced physical, sensory or mental abilities or by those without experience and knowledge, if they are supervised or have been instructed in the safe use of the device and have understood the dangers that result from it.
- Children must not be allowed to play with the device. Cleaning and user maintenance must not be carried out by children unless they are supervised.

**DANGER!**

Risk of suffocation!

Packing material is not a toy! Packaging film can be swallowed or used improperly. Therefore, there is a risk of suffocation!

- Keep packaging material such as plastic film or plastic bags away from children.

**DANGER!**

Risk of electric shock!

Risk of electric shock, short circuit and fire!

- Never open the housing of the smart TV and never insert any objects through the slots and openings into your smart TV.

**WARNING!**

Overheating! Risk of fire!

Overheating can damage your smart TV and lead to a risk of fire!

- The slots and openings on the TV are for ventilation purposes. Do not cover these openings e.g. with newspapers, table cloths, curtains, etc.
 - Do not put any pressure on the display. There is a risk that the glass on the screen may break.
- The universal remote control has a class 1 infrared diode. Never use optical devices to look at the LED.



Risk of injury!

There is a risk of injury if the display is broken!

- To avoid damaging the display, do not touch it with fingers or sharp objects.
- Pick up the shattered pieces wearing protective gloves.
- Then wash your hands with soap because chemicals may have leaked out.
- Send the broken parts to your Service Centre for professional disposal.
- Disconnect the device from the mains network immediately in the event of an emergency and only use it again when it has been checked by a qualified person or customer services. Emergency situations include e.g. when smoke or unusual noises are coming from the device, water has penetrated into it or the mains cable or housing is damaged.

Contact customer services if:

- The power cable is burnt or damaged
- Liquid has penetrated the device
- The device is not operating correctly
- The device has fallen, or the housing is damaged
- Smoke is rising from the device

Set-up location

- In the first few hours of use, new devices can give off a typical, unavoidable but totally harmless smell which wears off with time. We recommend that you ventilate the room at regular intervals to counteract the smell. We have taken appropriate measures during the development of this device to ensure that levels are significantly below legal limits.
- Keep your smart TV and all connected appliances away from moisture and avoid dust, heat and direct sunlight. Non-compliance with these instructions can lead to faults or damage to the smart TV.
- Do not use the device outdoors as it could be damaged by rain, snow, etc.
- The device must not be exposed to dripping or sprayed water. Do not place vessels filled with liquid (vases or similar) on or in the vicinity of the device. The container may tip over and the liquid may impair the electrical safety of the product.

NOTICE!**Risk of damage!**

There is a risk of injury with candles and other open flames.

- Keep candles and other open flames away from this device at all times in order to prevent the spread of fire.
- Make sure that there is enough clearance from the sides of the furniture unit. Ensure a minimum clearance of 10 cm around the device for sufficient ventilation.
- Avoid dazzle, reflections and strong bright-dark contrast in order to protect your eyes.
- The optimal viewing distance is 3 times the screen diagonal.

**DANGER!****Risk of injury! Mortal danger!**

Only set up your TV on a stable surface. Televisions that tip over could cause serious injuries or death. Lots of injuries, especially to children, can be avoided by observing the following safety precautions.

- Operate all components on a stable, level and vibration-free base, to prevent the smart TV from falling over.
- Only use the stand and screws supplied with the TV.
 - Only use furniture that guarantees the safe use of the TV.
 - Ensure that the TV does not hang over the edges of the furniture.
 - Do not place the TV on higher or high furniture such as wall cabinets or shelves without ensuring that both the furniture and the TV are safely and securely held in place.
 - In order to guarantee the stability of the TV, do not place any sheets or similar under it.
 - Advise children of the dangers of climbing up furniture in order to reach the TV or its operating elements.

If you are storing or moving the TV, also observe the aforementioned safety instructions.

Repairs

- Repairs to your smart TV should only be carried out by qualified specialists.
- If a repair must be carried out, please only contact our authorised service partner.
- Make sure that only replacement parts provided by the manufacturer are used. The use of unsuitable replacement parts may damage the device and lead to a risk of fire.

Environmental temperature

- The device can be operated at an ambient temperature of +5°C to +35°C with a relative humidity of 20% - 85% (non-condensing).
- When switched off, the smart TV can be stored at temperatures from -20°C to +60°C.
- Keep the product at least one metre away from sources of high-frequency and magnetic interference (television set, loudspeakers, mobile telephones, etc.) in order to avoid malfunctions.
- During thunderstorms or if the device is not going to be used for long periods, remove the plug from the socket and the aerial cable from the aerial socket.

NOTICE!

Risk of damage!

Large changes in temperature or fluctuations in humidity can cause moisture to build up due to condensation within the smart TV, which can cause an electrical short circuit.

- After transporting the smart TV, wait until the appliance has reached ambient temperature before switching it on.

Safety when connecting

Power supply

- Even when deactivated, some components of the device are live. To disconnect the power from your smart TV or to completely isolate the device from voltage sources, disconnect the device completely from the mains network. Disconnect the mains plug from the mains socket for this purpose.



DANGER!

Risk of electric shock!

There is a risk of death due to an electric shock when the housing is open!

- Do not open the housing of the device. It does not contain any parts requiring maintenance.
 - Only plug the smart TV into earthed 220–240 V~ 50 Hz sockets. Contact your electricity provider if you are not sure if the socket is earthed or not.
 - The socket must always be easily accessible so that the mains plug can be quickly disconnected from the socket in the event of an emergency.
 - To disconnect the power supply to your TV, disconnect the mains plug from the mains socket.
 - For extra safety, we recommend using an over-voltage protection device to prevent your smart TV sustaining damage as a result of power surges or lightning strikes.
 - Position the cables so that they cannot be stepped on or tripped over.
 - Do not place any objects on the cables as they may be damaged.
 - Do not touch the plug with wet hands.
 - Always hold the plug by its housing and never pull it out of the socket using the cable.
 - Please note that the TV also continues to consume power in standby mode (see here the power consumption in standby mode in the section “Product data sheet” on page 63).



If the device shuts down and restarts due to an electrostatic discharge while in USB mode (media player), optional HbbTV mode or optional LAN/Wi-Fi operation (media player/portal), it will not be able to independently restore the last operating mode. Please restart the respective media or applications.

The last user settings you entered may not be restored following an electrostatic discharge that causes the TV to shut down because these settings are only saved 5 minutes after switching channels.



All multimedia devices, which are connected to the corresponding ports of the TV, must comply with the requirements of the Low Voltage Directive.

Handling batteries



Risk of explosion!

Batteries may contain combustible materials and leak, heat up excessively, ignite or even explode.

– Avoid improper handling of the batteries to prevent damage to your device and your health.

Please follow the safety advice below closely:

– Keep batteries away from children.

If batteries are swallowed, consult a doctor immediately.

– Never charge batteries (unless they are designed to be recharged).

– Never empty the batteries by means of high power output.

– Never short-circuit the batteries.

– Never expose the batteries to excessive heat, such as sunlight, fire or similar sources of heat!

– Do not dismantle or deform the batteries.

You could injure your hands or fingers, or battery fluid could come into contact with your eyes or skin. If this happens, rinse the affected areas with plenty of clean water and consult a doctor immediately.

– Avoid heavy impacts and vibrations.

– Always observe the correct polarity.

– Make sure that the plus (+) and minus (–) poles are correctly inserted to avoid short circuits.

– Do not mix up new and old batteries or different types of batteries.

This could cause your device to malfunction. In addition, the weaker batteries would discharge too much.

– Remove spent batteries from the device immediately.

– Remove the batteries from the device if you do not intend to use it for a long period of time.

– Replace all of the old batteries in a device with new batteries of the same type.

– Cover the contacts of the batteries with sticky tape if you want to store or dispose of them.

– If necessary, clean the battery and device contacts before insertion.

– If the batteries have leaked, wear protective gloves and clean the contacts thoroughly.

Declaration of conformity

This device is supplied with the following wireless features:

- Wireless LAN

Due to the 5 GHz frequency range of the integrated wireless LAN solution, the device may only be used inside buildings in EU countries (see table).

Always observe the relevant legal regulations in the country of use.

Medion AG hereby declares that this device conforms to all of the required regulations in the EU and the fundamental requirements and the remaining relevant regulations of:

- RE Directive 2014/53/EU
- Ecodesign Directive 2009/125/EC
- RoHS Directive 2011/65/EU

Full declarations of conformity are available at www.medion.com/conformity.



AT	BE	BG	CZ	DK
EE	FR	DE	IS	IE
IT	EL	ES	CY	LV
LI	LT	LU	HU	MT
NL	NO	PL	PT	RO
SI	SK	TR	FI	SE
CH	UK	HR		

AT = Austria, BE = Belgium, CZ = Czech Republic, DK = Denmark, EE = Estonia, FR = France, DE = Germany, IS = Iceland, IE = Ireland, IT = Italy, EL = Greece, ES = Spain, CY = Cyprus, LV = Latvia, LT = Lithuania, LU = Luxembourg, HU = Hungary, MT = Malta, NL = Netherlands, NO = Norway, PL = Poland, PT = Portugal, RO = Romania, SI = Slovenia, SK = Slovakia, TR = Turkey, FI = Finland, SE = Sweden, CH = Switzerland, UK = United Kingdom, HR = Croatia

Overview of the device

Front

- 1 LCD screen
- 2 Mains switch
- 3 Infrared sensor: Reception field for the infrared TV signals.
Operating light: Lights up when the device is in standby mode.

Rear and right-hand side

- 4 **COMMON INTERFACE (CI+)**: Card slot for connecting pay TV cards
- 5 **USB (5V , 500 mA max.)**: USB connection for media playback/recording (PVR)
- 6 **SIDE AV**: Audio/video input (yellow): for connecting a device via AV adapter 3.5 mm jack > 3 x cinch
- 7 : For connecting headphones with 3.5 mm jack
- 8 **MODE**: Multifunction button for channel switching, input source selection or volume adjustment. Settings are made by tilting upwards (+) or downwards (-). Pressing the button briefly switches between functions. A long press switches the device into standby mode or operating mode.
- 9 **HDMI 1-3**: HDMI connection for devices with a HDMI output (HDMI 1 can be used for CEC/ARC)
- 10 **ANT.**: For connecting an aerial (analogue, DVB-T or DVB-C)
- 11 **VGA**: VGA port for connecting a PC or a YUV adapter
- 12 **SPDIF Optic. OUT**: Digital audio output (optical)
- 13 **LAN**: Network connection to connect to the Internet
- 14 Fixing holes for a wall mount

Remote control

- 15 : Switch smart TV on/off (switch standby mode on/off)
- 16 **NETFLIX**: Call up Netflix site
- 17 Number buttons:
TV: programme selection, teletext: page selection
- 18  (**SWAP**): Set previous TV programme
- 19 **MENU**: Open and close menu
- 20 : Internet button
- 21 **P-/+**: Programme selection buttons
TV: select next (+) / previous (-) programme;
teletext: select next (+) / previous (-) page
- 22 **OK**: Confirm selection in certain menus
- 23 **EXIT**: Exiting the menu
- 24  (**SOURCE**): Select input signal of connected devices
- 25 : Activate teletext
Press 2 x = set transparent; Press 3 x = close

- 26 **Q. MENU:** Access the quick menu (**OPTION MENU**) to quickly call up basic options
- 27  (**MEDIA**): Call up the media browser
- 28 **Red button:** For teletext or menus
Green button: For teletext or menus
Yellow button: For teletext or menus
Blue button: For teletext or menus
- 29  (**SIZE**): Select picture format
- 30 Media buttons
 - ◀◀: Fast rewind;
 - ▶▶: Fast forward;
 - : Start recording (PVR);
 - : Stop playback;
 - ▶: Start playback;
 - ⏸: Pause playback
- 31 **LANG.:** Analogue TV: stereo/mono;
Digital TV: select audio language (if available)
- 32 **SUBT.:** Subtitles on/off (if available)
- 33  : Open the MEDION® portal /multifunction button for channel position or input source
- 34  : Freeview Play portal (This service must be available in your region)



Freeview Play services have some requirements in order to work on a specified TV. The most critical issue is UK IP: Freeview Play and BBC servers are only accessible via valid UK IP, which is not a problem for Northern Ireland as they are a part of UK. However for Ireland it will not be possible to run those services due to geo-blocking.

- 35  (**EPG**): Digital TV: call up the electronic programme guide
- 36 **i (INFO):** Digital TV: show information (e.g. current channel number)
- 37  : Mute
- 38 **V-/+** : Increase (+) or decrease (-) volume.
- 39 Direction button ▲ : Move up in menu
Digital TV: Select info bar for the current programme, teletext: select next page;
Direction button ▼ : Move down in menu
Digital TV: Select info bar for the current programme, teletext: select previous page;
Direction button ◀ : Move left in menu
Teletext: Call up subpages;
Direction button ▶ : Move right in menu
Teletext: Call up subpages
- 40 **BACK:** Go one level back in menus
- 41  : Switch to TV operation/call up information on channel-specific button functions.

Programming the multifunction button 33

The  button can be programmed to any channel position or a particular input source. In addition, it also serves as a direct YouTube link.

- ▶ Start by selecting the function you require and then hold down the corresponding button for 5 seconds until **MY BUTTON IS SET** appears on the screen. This confirms the new programming.



After each **INITIAL INSTALLATION** your customised button programming is deleted and reset to the factory defaults.

Freeview Play Platform

Freeview Play platform provides catch-up TV and On Demand services. Simply press the Freeview Play button **F_{Play}** on your remote control to connect to the Freeview Play platform. The Freeview Play platform can also be accessed from the main menu or internet portal. You will have to agree to the terms and conditions for Freeview Play services first if you did not agree them during the **FIRST TIME INSTALLATION**.

Requirements

The Freeview Play services may only be used if the following requirements are fulfilled:

- Connecting the TV to the internet. A minimum broadband speed of 2Mbps is required for proper operation of catch up and on demand services.
- Agreeing to the terms and conditions of Freeview Play



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

Using the device for the first time



Before using for the first time, be sure to read the section “Safety instructions”.

Unpacking

- Select a suitable place for setting up the device before unpacking.
- Open the box very carefully to avoid damaging the device. The device could be damaged if you use a knife with a long blade to open the box.
- The box contains a number of small items (including batteries). Keep these out of the reach of children as they represent a choking hazard.
- Store the packaging material in a safe place; only use this box to transport the TV.



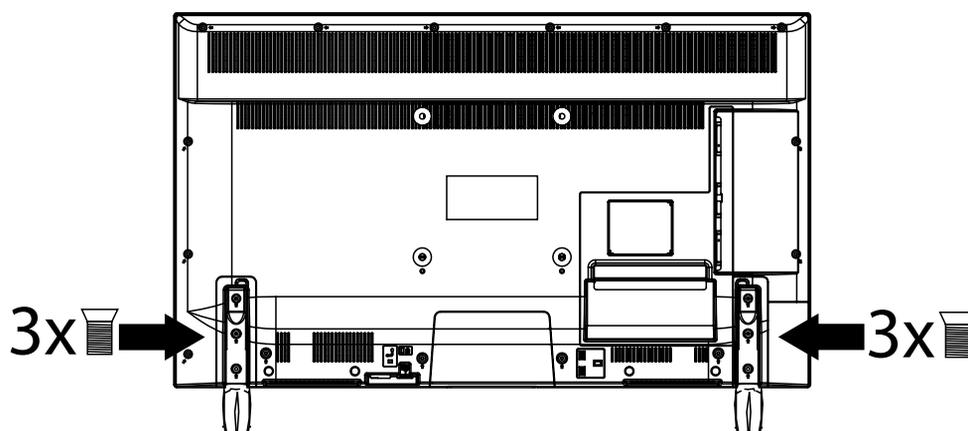
Risk of suffocation!

Packaging film can be swallowed or used improperly. Therefore, there is a risk of suffocation!

- Keep packaging material such as plastic film or plastic bags away from children.

Mounting

Attach the stand as shown in the illustration. Carry out this step before connecting the smart TV.



Inserting batteries in the remote control

- ▶ Loosen the screw of the battery compartment cover on the back of the remote control and remove the cover.
- ▶ Insert two LR03 (AAA) 1.5 V batteries in the battery compartment of the remote control. Check the battery polarity (inscribed on the bottom of the battery compartment).
- ▶ Close the battery compartment by fixing the cover with the screw.

NOTICE!

Risk of damage!

The remote control can be damaged by leaking batteries if not used for a long period of time!

- Remove the batteries from the remote control if the device is not going to be used for a long period.

Connecting the antenna

Your smart TV supports different antenna signals.

You can feed the following picture signals via the connection labelled **ANT.** **10**:

- via analogue cable/an analogue house antenna,
 - via a DVB-T¹ antenna or
 - via a DVB-C¹ connector (digital cable)
- ▶ Connect the antenna cable from either the house aerial/the analogue cable connection, the DVB-T antenna or the DVB-C connection to the antenna connection on the smart TV.



To receive encrypted/subscription channels you will need to use a CI module and an appropriate card. Insert a CI module (available in specialist shops) into the slot provided for this purpose on the left-hand side of the device (**Common Interface** **4**). You can then insert the card from your provider into the CI module.

Connecting the power supply

- ▶ Connect the mains plug on the device to an easily accessible 220 - 240 V ~ 50 Hz mains socket.

Switching the smart TV on and off

- ▶ Set the power switch **2** on the bottom of the device to **ON**. The device switches to standby mode and the display on the front will light up.
- ▶ To switch on the device, press
 - on the remote control: the Standby/On button  **15**, one of the number buttons **17** or one of the **P-/+** buttons **21**;
 - on the device: the multifunction button **MODE** **8**.
- ▶ Use the Standby/On button  on the remote control to switch the device back into standby mode. Although the device has been switched off, it will continue to consume electricity.
 - Use the mains switch to turn off the device (**OFF** position). The device will continue to consume power as long as it is connected to the mains network (see section “Technical data” on page 61)



If the device is not receiving an input signal, it will automatically switch to standby mode after five minutes. A countdown timer will appear on the screen until this time. This function is not available for all sources.

¹ This service must be available in your region.

Using the multimedia connections

NOTICE!

Risk of damage!

Misuse can cause damage to the devices being used.

- Make sure that you also read the operating instructions for the devices you want to connect before connecting them up and using them for the first time.

NOTICE!

Risk of damage!

If the plugs and sockets are incorrectly joined together, it could damage the contacts.

- Ensure that the plug and the corresponding socket fit together precisely in order to avoid any damage to the contacts. Due to the arrangement of the contacts, the plug will only fit into the socket in one position.

AV

AV transmission (composite) works via three cinch connections, whereby a video signal (yellow) and two stereo audio signals (red/white) are transmitted. Use a standard AV cable for this purpose.

- Connect the AV inputs and outputs on the devices using an AV cable.
- If the connected devices have AV mini jack connections, please use a suitable AV adapter (3 x cinch > mini jacks) (optional).

HDMI

HDMI (High Definition Multimedia Interface) is an interface for digital video and audio transmission. It offers the best quality transmission and can also transmit Ultra HD resolutions from version 2.0. Use a standard HDMI cable for this purpose:

- Connect the corresponding HDMI connections on the devices using a HDMI cable.

HDMI ARC

If you want to use your TV as a signal receiver AND signal source (for transmitting the sound signal to an audio receiver), you should use a HDMI connection with Audio Return Channel (ARC). The HDMI connection to the TV then works in both directions. Video and audio signals can be received from a video device and the audio signal of the TV can also be sent to the audio receiver via the audio return channel.

- Connect the video device (e.g. Blu-ray player) to the audio receiver via HDMI.
- Connect the audio receiver to the TV via HDMI/ARC.
- Ensure that the speaker controls for the TV are routed to the external amplifier.

HDMI CEC

If you connect various devices to each other via CEC-enabled HDMI connections, you can control certain functions across the entire HDMI network using a remote control (e.g. standby or record functions):

- Connect all devices via CEC-enabled HDMI connections using HDMI cables.
- Ensure that the CEC functions for all connections are activated and that all devices are correspondingly linked.

USB

A USB connection can be used to connect and read storage media such as a USB stick or external hard drive. Use a suitable USB cable for this purpose. If a corresponding USB cable is included in the delivery, please use this cable (e.g. for hard drives).

- Connect the corresponding USB connections on the devices using a suitable USB cable. Do not use a USB extension cable where possible because this could cause problems depending on the voltage.

SPDIF

SPDIF (Sony®/Phillips digital interface) is an interface for transferring digital stereo or multi-channel audio signals between various devices. The digital audio signal is usually transmitted via a coaxial (cinch) or optical connection. Use a suitable, standard cable for this purpose.

- Connect the SPDIF connections on the devices using a corresponding SPDIF cable.

VGA (PC)

The VGA connection can be used to connect a PC to a monitor/TV for transmitting the picture signal. Use a standard VGA cable for this purpose.

- Connect the VGA connections on the devices using a VGA cable.

VGA (YPbPr)

The VGA connection on the TV can be used for transmitting the YPbPr picture signal. Use a corresponding YPbPr adapter for this purpose.

- Connect the VGA connection on the TV to the YPbPr cinch connections (red/blue/green) on the video device. Use a corresponding YPbPr adapter for this purpose.
- Use the AV audio connections on the TV (red/white) for transmitting the sound and connect them to the YPbPr audio connections on the video device (red/white). Use a standard stereo cinch cable for this purpose.
- If the TV has AV mini jack connections, please use a suitable AV adapter (cinch > mini jack) (optional).

LAN

You have the option of connecting the device to the Internet via a LAN connection and thus accessing online content (e.g. streaming services) via the device.

- Connect the LAN connections on the devices using a network cable (Ethernet cable).
- Enter all of the required network settings on the devices.

Headphones Out

The headphones connection enables you to connect up headphones with a stereo mini jack.

- Connect the headphones with the stereo mini jack to the device. The speaker will then be muted on some devices.
- Otherwise, enter all of the required settings in the sound menu to coordinate the speaker and headphone signals with one another.



Risk of damage to your hearing!

To prevent possible damage to your hearing, avoid listening at high volume over long periods of time.

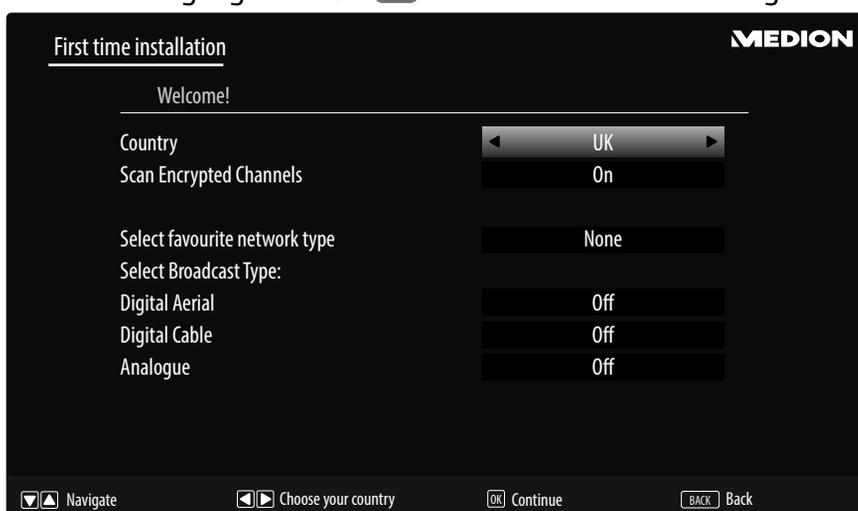
- Before pressing play, set the volume to the lowest setting.
- Start playback and increase the volume to a comfortable level.

Channel search when switching on for the first time

When you switch the device on for the first time, you will be guided through the **FIRST TIME INSTALLATION** menu.

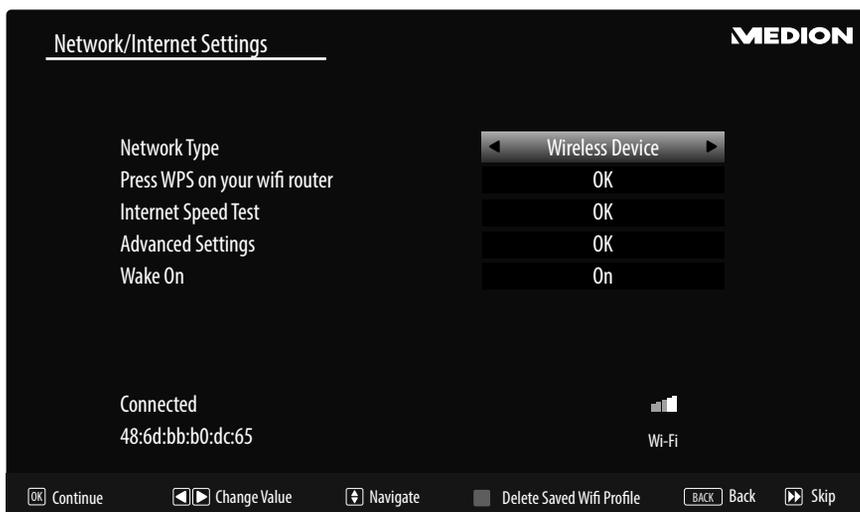


- ▶ You can move up or down in the menu and select the required language using the direction buttons \blacktriangledown \blacktriangle **39**. After confirming the selected language with **OK** **22** the initial installation will begin.



- ▶ Use \blacktriangleleft \blacktriangleright **39** to select the desired country. The country setting will influence the order in which the channels are stored. Also, there are a number of options preset for the individual countries.
- ▶ If you would also like to search for encrypted channels, set the option to **ON**.
- ▶ Now use the direction buttons \blacktriangleleft \blacktriangleright to select the preferred reception type: **DIGITAL AERIAL**, **DIGITAL CABLE** or **ANALOGUE**. This reception mode will set to **ON** in the corresponding options. After the channel scan, the preferred reception type will be activated.
- ▶ If you want to activate other reception types, use the direction buttons \blacktriangledown \blacktriangle to select the reception type **DIGITAL AERIAL**, **DIGITAL CABLE** or **ANALOGUE** and then use \blacktriangleleft \blacktriangleright to select **ON** for the desired reception type.
- ▶ Afterwards, press **OK** to continue.
- ▶ Then you will be prompted to accept the MEDION® Smart TV privacy policy. This is necessary if you intend to make use of the network/Internet services. In this case, answer the query with **YES**. If you select **NO** you will not be able to use these services without subsequently agreeing to the terms.
- ▶ Now a query appears asking whether you want to make network/Internet settings. Select **NO** if you want to skip this step. If you have selected **NO** here, you cannot subsequently use any network/Internet/HbbTV services.

Network/Internet settings



Network settings		
NETWORK TYPE	Here you select the network type: WIRELESS DEVICE or WIRED DEVICE . After making a selection with the direction buttons ◀ ▶ 39 and confirming with the OK 22 button, an overview of all available networks appears. Make a selection and confirm with the OK button. If a password is required for a network, a virtual keyboard appears which you can use to enter this with the help of the direction buttons ◀ ▶ ▲ ▼ and the OK button. After entering the password, select OK on the keyboard and confirm with the OK button.	
PRESS WPS ON YOUR WI-FI ROUTER (only for WLAN)	This option enables you to quickly establish a WPS connection via a wireless network (Wi-Fi). Hold down the WPS button on your router and confirm this option OK using the OK button. Then the WPS connection will be made.	
INTERNET SPEED TEST	Press the OK button in order to test the Internet speed.	
ADVANCED SETTINGS	Press the OK button to call up further network configuration options.	
	CONFIGURATION	Choose the setting AUTOMATIC IP or MANUAL IP . If you select MANUAL IP , three additional lines appear in which you can manually enter the data for the IP ADDRESS , SUBNET MASK and DEFAULT GATEWAY using the direction buttons ◀ ▶ and the number buttons 17 .
	CONFIGURATION	Select here between AUTOMATIC DNS or MANUAL DNS . If you select MANUAL DNS , two additional lines appear in which you can manually enter the data for the DNS SERVER 1 and DNS SERVER 2 using the direction buttons ◀ ▶ and the number buttons.
	 An existing network connection can be terminated by pressing the red button 28 .	
WAKE ON	Activate/deactivate the Wake-On LAN/Wake-On Wireless LAN function (WoL/WoWLAN). This enables you to switch on the smart TV via a different device (e.g. a smartphone with the MEDION® Life Remote App). Both devices must be connected to the same network via LAN or Wi-Fi for this purpose. Select the ON setting to activate this function. The device being used as a remote control needs to be connected to the TV once when it is switched on. The control function only works when the TV is in standby mode. If the TV is turned off and on again at the mains switch, the connection between the two devices will be automatically restored.	

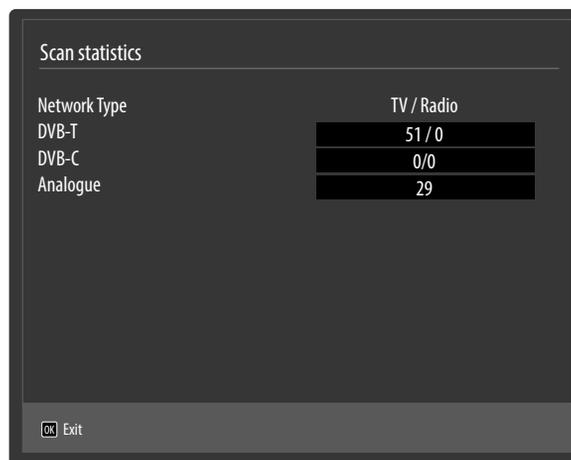
▶ Now select the option **NETWORK TYPE** again using the direction buttons ◀ ▶ and then press **OK** to continue.

Cable



If you have previously activated the reception type **DIGITAL CABLE**, you can now make settings for the network search. If it should be necessary, you can adjust the **START FREQUENCY**, the **STOP FREQUENCY** and the **SEARCH STEP** correspondingly.

- ▶ Afterwards, press **OK** to continue.



After the end of the automatic channel storage, an overview of the number of found channels appears for the corresponding reception types.

- ▶ Press the **OK** **22** button to close the list and complete the search. The device now switches to the channel of the previously selected preferred reception type. At the same time, the channel list is displayed. If the list is not processed further, it closes after a few minutes.
- ▶ If the channel list does not close automatically, press the **MENU** **19** button to exit the function.



The initial installation described here corresponds to the **FIRST TIME INSTALLATION** option in the **INSTALLATION** menu.

Operationun

Channel selection

To select a channel, either press one of the **P +/-** (21) buttons on the remote control, use the multifunction button **MODE** (8) on the device or select the channel directly using the number buttons (17).

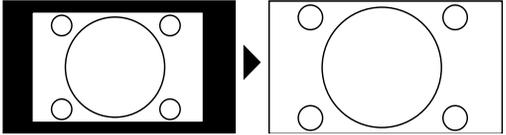
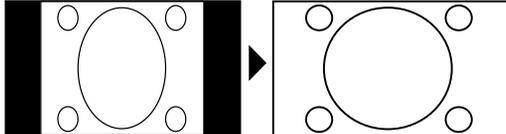
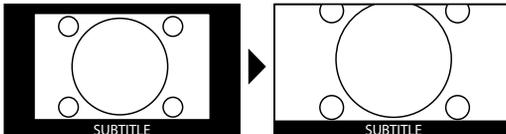
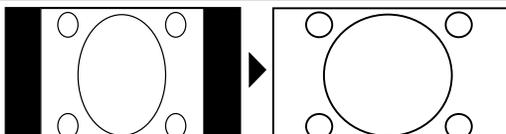
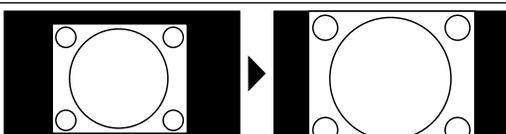
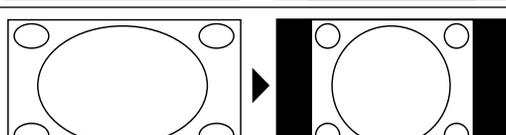
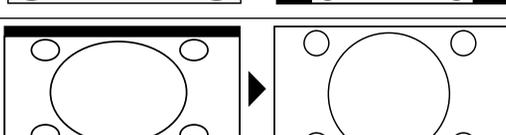
- ▶ Use the **↔ (SWAP)** (18) button to select the last channel played.
- ▶ By pressing the **OK** (22) button on the remote control you can call up the channel list, select the channel with the **▲** and **▼** (39) buttons and confirm with **OK**.

Sound settings

- ▶ Use the **V-/+** (38) volume buttons on the remote control or increase or decrease the volume in the volume mode of the **MODE** switch on the device.
- ▶ Use the **🔇** (37) mute button to switch the volume fully off and on again.
- ▶ Pressing the **LANG.** (31) button will display the current audio language.

Screen settings

- ▶ Depending on the programme, the pictures are transmitted in the formats 4:3 or 16:9. Use the **📺 (SIZE)** (29) button to adjust the picture format:

AUTO: The format displayed is automatically adjusted to match the input signal.	
FULL (only in HDMI mode and for HD TV programmes received via cable): Pixel-exact reproduction of the picture (1:1).	
16:9: For undistorted screen display in 16:9 format	
SUBTITLE: With this function, a widescreen image (picture format 16:9) with subtitles is zoomed to full screen size.	
14:9: This option sets the 14:9 picture format.	
14:9 ZOOM: With this function, a wide image (picture format 14:9) is zoomed to the upper and lower edges of the screen.	
4:3: Is used to view a standard image (picture format 4:3) as this is its original format.	
CINEMA: With this function, a widescreen image (picture format 16:9) is zoomed to full screen size.	

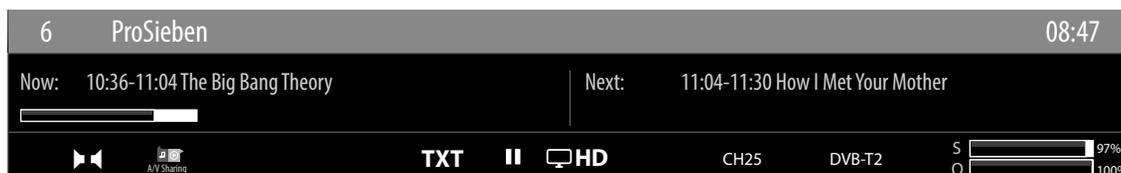
You can also change the picture format setting in the menu **PICTURE > ADVANCED SETTINGS > PICTURE ZOOM**.



You can move the screen content up or down by pressing the \uparrow/\downarrow **39** buttons if the picture format **14:9 ZOOM, KINO** or **SUBTITLE** is selected.

Please note that not all picture formats are available depending on the chosen image source.

Displaying information



- Press the **i (INFO)** **36** button to show information about the current channel.
- You can get the same information when you switch over to a different channel.
- If you press the **i (INFO)** button twice, a description of the TV programme you are currently watching will be displayed (if available). This automatically scrolls through the text. If the information changes too quickly, you can use the \uparrow and \downarrow arrow buttons to scroll up and down through the text yourself.

Opening the favourites list

In the **CHANNEL LIST** menu you can add individual channels to up to four different favourites lists.

- ▶ Press the **MENU** **19** button and use the \uparrow and \downarrow **39** buttons to select the **CHANNEL LIST** menu and then press the **OK** **22** button. The **EDIT CHANNEL LIST** menu opens. Alternatively, you can press the **OK** button during operation (the **CHANNEL LIST** opens). Then press the **green button** **28** **ADVANCED**.
- ▶ Now use the \uparrow and \downarrow buttons to select the channel that you want to add to one or more favourites lists. If you want to add several channels to the favourites simultaneously, select these using the **yellow button** **28**. Then press the **OK** button. The **CHANNEL EDIT OPTIONS** menu opens.
- ▶ Now use the \uparrow and \downarrow buttons to select the **ADD/REMOVE FAVOURITES** option and press the **OK** button.
- ▶ In the **FAVOURITE LISTS** menu you can now assign the marked channels to the desired favourites lists (**LIST 1 - 4**). To do this, select the entry **ON** for the corresponding list. Now press the **OK** or **EXIT** **23** button.



If you press the **Q. MENU** **26** button, you can use the option **EDIT FAVOURITES** in the **OPTION MENU** to add the currently selected channel to a favourites list (**LIST 1 - 4**).

- ▶ To call up a favourites list, open the **EDIT CHANNEL LIST** menu again as described above. Then choose the **FILTER** option with the **blue button** **28** and select the required favourites list (**LISTE 1 - 4**) under **FAVOURITES**. When you open the **CHANNEL LIST** with the **OK** button, only the channels in the favourites list are displayed and you can switch between them.



If you press the **Q. MENU** button, you can also select one of the favourites lists from the **FAVOURITES** in the **OPTION MENU**.



When you call up the channel list with the **OK** button, the favourites list will automatically be shown if you are in one of the four favourites lists. In this case, you can alternatively use the \uparrow and \downarrow buttons to select your favourites and call them up with the **OK** button.

Selecting the source



Please note that when connecting with the (**SOURCE**) **24** button the source (the connected device) will only be recognised if it has been activated in the menu **SETTINGS**, submenu **SOURCES**.

- ▶ Use the (**SOURCE**) Tbutton to select the inputs of the connected devices. When the SOURCE menu is open, you can press the corresponding digit to select the desired source directly.

- | | |
|----------------------------|---|
| 1. TV | TV operation (plays back antenna and cable signals) |
| 2. SIDE AV | Audio/Video input on the side of the device via an adapter (AV) |
| 3. HDMI1 | HDMI input 1 (HDMI 1 can be used for CEC/ARC) |
| 4. HDMI2 | HDMI input 2 |
| 5. HDMI3 | HDMI input 3 |
| 6. YPBPR | Device on the VGA input using adapter (YUV) |
| 7. VGA/PC | Device on PC input |
| 8. WIRELESS DISPLAY | Playback of content from another signal source device |



If the CEC function is enabled, the source **HDMI1** could be renamed from the signal source device if necessary.



You can also make the source selection in source mode using the **MODE** switch **8** on the device.

- ▶ Use the direction buttons **39** to go to the desired source.
- ▶ Confirm your selection with the **OK** button **22**.

Wireless Display

Via wireless display you have the option of playing content from a signal source device (e.g. tablet PC, smartphone, etc.) via the television. The signal source device must have at least Android version 4.2 installed.

Select **WIRELESS DISPLAY** as source. The display “Ready for Connection” appears.

You must activate screen mirroring on the signal source device. The signal source device detects the available TVs with which a connection can be established. The detected device will be displayed on the TV screen.

After selecting the TV, a connection is established. The display “Connecting to Wireless Display” appears. Then the TV will mirror the screen content of the signal source device.



Wireless display can only be used if the mobile device supports this feature. The detection and connection processes differ depending on the programs you use. Please refer to the operating instructions of your signal source device.

Android-based mobile devices should have the software version 4.2 or higher.



Due to the great variety of different devices, correct functioning cannot be guaranteed.

Teletext

Teletext is a free service broadcast by most channels and contains the latest news, weather, TV programmes, share prices, subtitles and other information. Your TV offers many useful functions for using teletext including multipage text, subpage saving and high-speed navigation.

Using the teletext

Your remote control has special teletext buttons for operating the teletext.

- ▶ Select a TV channel that broadcasts teletext.
- ▶ Press the  **25** button once to display the start/index page for the teletext.
- ▶ Pressing  again makes the text transparent in front of the TV image.
- ▶ Pressing the  button a third time switches the device back into TV mode.

Selecting a teletext page

Number buttons

- ▶ Enter the number of the desired teletext page as a three digit number using the number buttons.
- ▶ The selected page number is displayed in the top left corner of the screen. The teletext counter searches as long as it takes to find the selected page number.

Scrolling through pages

- ▶ Using the channel selector buttons or the direction buttons  and  you can scroll back and forth through the teletext pages.

Colour buttons

- ▶ If coloured text entries are displayed at the lower edge of the screen then you can select the contents directly by pressing the appropriately coloured button RED, GREEN, YELLOW and  BLUE.

Subpages

Some teletext pages have subpages. The lower edge of the screen may contain something like **1/3**, for example. The subpages are displayed one after another at an interval of about half a minute. You can also call up these subpages yourself by pressing the  or   **39** button. A four digit input box appears in which you can enter the number of the sub-page (e.g. **0002**). Alternatively you can scroll through the subpages using the direction buttons  .

INDEX

- ▶ Use the **BACK**  **40** button to select the index page that has a list of the teletext content.

Via the OSD menu

Navigating in the menu

- ▶ Press the **MENU** (19) button to activate the OSD.
 - ▶ You can use the direction buttons ▲ ▼ (39) to select the options from the main menu.
 - ▶ Press **OK** (22) to call up the selected option from the main menu.
 - ▶ You can use the direction buttons ▲ ▼ to select the options from a menu.
 - ▶ Use the **BACK** (40) button to move back one menu screen and back to the main menu.
 - ▶ Use the direction buttons ◀ ▶ ▲ ▼ to enter a value or make another selection.
 - ▶ Use the **EXIT** (23) or **MENU** buttons to close the menu.
- Please note that, depending on the presets, the menu closes automatically if no button is pressed.



The OSD menu also displays the available options along the bottom.

You can select the following main menus:

- **PICTURE** menu
- **SOUND** menu
- **SETTINGS** menu
- **INSTALLATION** menu
- **CHANNEL LIST** menu
- **MEDIA BROWSER** menu



Due to technical changes, the menus described here may differ from the menus actually displayed on your screen.
Not all menus are available, depending on the source you selected. If **VGA/PC** is selected as the source, other options will appear in the picture settings.

The Q. MENU button 26

Access the quick menu (**OPTION MENU**) to quickly call up basic options.



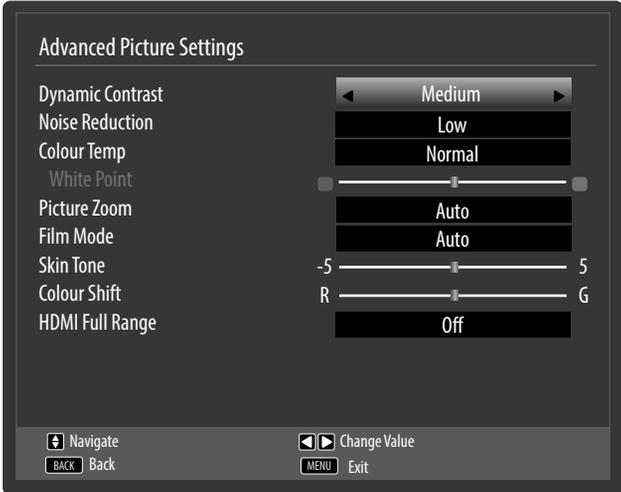
Menu Item	Settings
PICTURE MODE	Select picture mode: NATURAL, CINEMA, SPORTS, DYNAMIC.
EQUALIZER SETTINGS	You can select the presets MUSIC, MOVIE, SPEECH, FLAT, CLASSIC and USER in the equaliser menu.
FAVOURITES	If you press the Q. MENU button, you can also select one of the favourites lists from the FAVOURITES in the OPTION MENU.
EDIT FAVOURITES	If you press the Q. MENU button, you can use the option EDIT FAVOURITES in the OPTION MENU to add the currently selected channel to a favourites list (LIST 1 - 4) by switching the option of the desired list to ON.
SLEEP TIMER	You can use the SLEEP TIMER to programme the device to switch off automatically. You can set the time in 30-minute increments (maximum 2 hours). The sleep timer countdown begins immediately after the setting has been made. Select OFF to deactivate the function.
ENERGY SAVING	Here you can activate the energy saving mode. Select OFF, MINIMUM, MEDIUM, MAXIMUM, SCREEN OFF or AUTO , to set the brightness of the TV or switch off the screen. <div style="display: flex; align-items: center; margin-top: 10px;"> <div style="border: 1px solid black; padding: 5px; margin-right: 10px; text-align: center;"> i </div> <p>In DYNAMIC picture mode, the MAXIMUM setting cannot be selected.</p> </div>

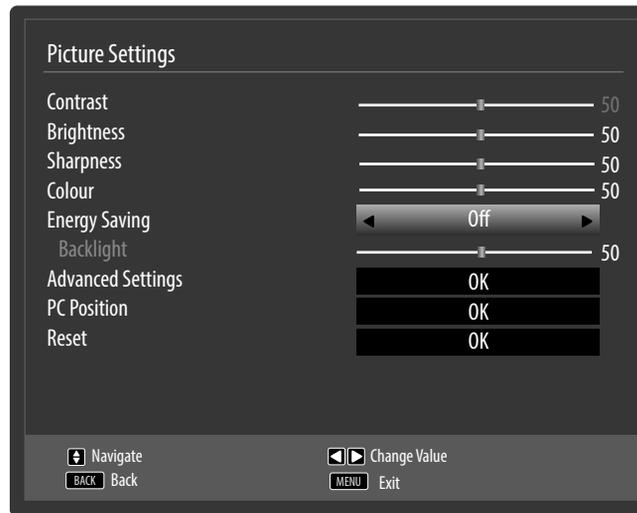
The menu system in detail

Picture menu



Menu Item	Settings
MODE	Select picture mode: NATURAL, CINEMA, SPORTS, DYNAMIC . The picture mode can also be set in the quick menu. Press the Q.MENU 26 button to call it up.
CONTRAST	Increase or decrease contrast (on a scale of 0 – 100).
BRIGHTNESS	Increase or decrease brightness (on a scale of 0 – 100).
SHARPNESS	Increase or decrease sharpness (on a scale of 0 – 100).
COLOUR	Increase or decrease colour saturation (on a scale of 0 – 100).
ENERGY SAVING	Here you can activate the energy saving mode. Select OFF, MINIMUM, MEDIUM, MAXIMUM, CUSTOM, SCREEN OFF or AUTO to set the brightness of the TV or switch off the screen. <div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 2px; margin-right: 10px; text-align: center;"> i </div> <p>In DYNAMIC picture mode, the MAXIMUM setting cannot be selected.</p> </div>
BACKLIGHT	If you have selected CUSTOM under the setting ENERGY SAVING , you can set your preferred brightness level for the energy saving mode (scale 0 – 100).

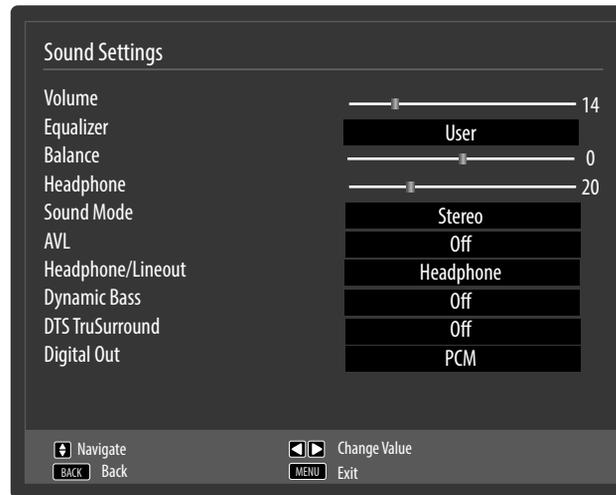
Menu Item	Settings	
ADVANCED SETTINGS		
DYNAMIC CONTRAST	Set dynamic contrast: LOW, MEDIUM, HIGH, OFF.	
NOISE REDUCTION	With this function you can reduce the image noise and improve the image quality in weak analogue signals. Select between OFF, LOW, MEDIUM and HIGH.	
COLOUR TEMP	Select the colour tone: NORMAL, WARM, COOL and CUSTOM.	
WHITE POINT	If you have selected the setting CUSTOM under the option COLOUR TEMP , you can set the colour temperature to any value between warm and cold.	
PICTURE ZOOM	Set the picture format here. This function corresponds to the  (SIZE) 29 button.	
FILM MODE	To play back films taken on a video camera without judder, switch the film mode to the AUTO position.	
SKIN TONE	Set skin tone	
COLOUR SHIFT	Set colour shift	
HDMI FULL RANGE	HDMI FULL RANGE (optional): If the picture is coming in via an HDMI input, this option is available in the Picture Settings menu. You can use this feature to boost the black of the images. You can set this function to ON to activate HDMI True Black mode.	
RESET	Press OK 22 to reset all picture settings to the factory defaults.	

Picture menu in VGA/PC mode

Menu Item	Settings
CONTRAST	Increase or decrease contrast (scale of 0 – 100).
BRIGHTNESS	Increase or decrease brightness (scale of 0 – 100).
SHARPNESS	Increase or decrease sharpness (on a scale of 0 – 100).
COLOUR	Increase or decrease colour saturation (scale of 0 – 100).
ENERGY SAVING	Here you can activate the energy saving mode. Select OFF, MINIMUM, MEDIUM, MAXIMUM, CUSTOM, SCREEN OFF or AUTO to set the brightness of the TV or switch off the screen.
BACKLIGHT	If you have selected CUSTOM under the setting ENERGY SAVING , you can set your preferred brightness level for the energy saving mode (scale 0 – 100).
ADVANCED SETTINGS	
DYNAMIC CONTRAST	Set dynamic contrast: LOW, MEDIUM, HIGH, OFF.
COLOUR TEMP	Select the colour tone: NORMAL, WARM, COOL and CUSTOM.
WHITE POINT	If you have selected the setting CUSTOM under the option COLOUR TEMP , you can set the colour temperature to any value between warm and cold.

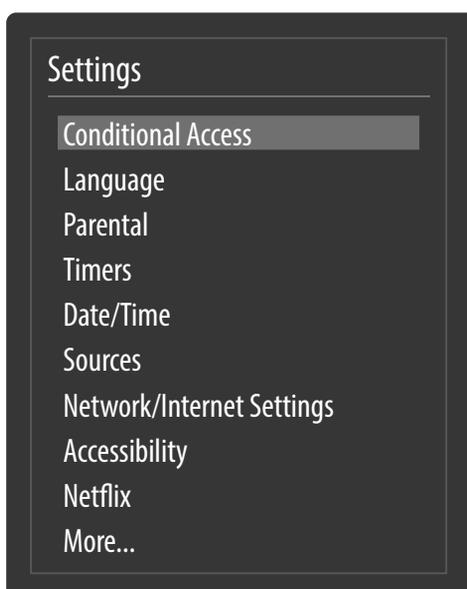
Menu Item	Settings	
	PICTURE ZOOM	Set the picture format here. This function corresponds to the  button (SIZE) 29 .
	FILM MODE	To play back films taken on a video camera without judder, switch the film mode to the AUTO position.
PC POSITION	AUTO POSITION	If you want to move the image, select the AUTO POSITION entry and press OK 22 to move it back to the centre. This should be done in the full image mode to ensure the settings match.
	H POSITION	You can use ◀ ▶ 39 to adjust the horizontal position of the picture.
	V POSITION	You can use ◀ ▶ to adjust the vertical position of the picture.
	DOT CLOCK	With this setting the picture signal is synchronised to match with the monitor's pixel rate. This corrects errors that can appear as vertical stripes in pixel-dense images (like tables or text with small fonts). Set the frame rate using ◀ ▶ .
	PHASE	If the PC picture is not clear, you can use ◀ ▶ to adjust the picture signal to correspond to the smart TV pixels. This will result in a clear image with an even, sharp display.
RESET	Use ▶ or OK to reset all picture settings to the factory defaults.	

Sound menu

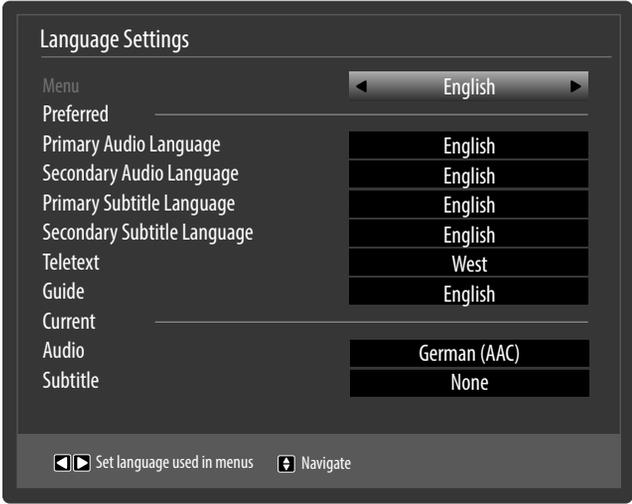


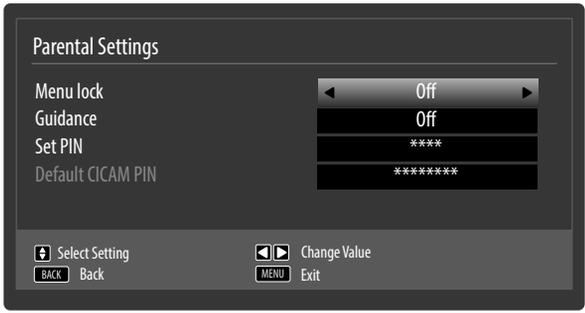
Menu Item	Settings
VOLUME	Standard volume settings when switching on (scale of 0–100) Select a moderate volume.
EQUALIZER	You can select the presets MUSIC , MOVIE , SPEECH , FLAT , CLASSIC and USER in the equaliser menu. The settings in the equaliser menu can only be changed if the equaliser mode is set to USER .
BALANCE	Set the balance between the left and right speakers (scale of -50 to +50).
HEADPHONE	Set the headphone volume here. This can only be changed if the setting HEADPHONE has been selected under the HEADPHONE/LINE OUT option.
	<div style="border: 1px solid black; padding: 5px; text-align: center;">  CAUTION! </div> <p>Risk of damage to your hearing! To prevent possible damage to your hearing, avoid listening at high volume over long periods of time.</p> <ul style="list-style-type: none"> – Before pressing play, set the volume to the lowest setting. – Start playback and increase the volume to a comfortable level.
SOUND MODE	Standard setting STEREO . If the current programme supports DUAL mode (e.g. dual-language broadcasts), you can also choose here between DUAL-I and DUAL-II (original language and dubbed language).
AVL	This function compensates for the different volume levels between different programmes. Set to OFF to return to the original volume settings. Set to ON to hear a constant volume.
HEADPHONE/ LINE OUT	Select the audio signal for the headphones. The HEADPHONE setting allows volume control of the signal. In the LINE OUT setting the signal has a predefined volume which cannot be changed. If this setting is selected, an external amplifier can be connected to the device.
DYNAMIC BASS	Set the bass enhancement to ON or OFF .
DTS TRUSURROUND	Activate/deactivate the surround sound effect.
DIGITAL OUT	Set the audio type for the digital output here.

Settings menu



Menu Item	Settings
<p>CONDITIONAL ACCESS</p>	<p>If you want to watch subscription channels, you must firstly register with the corresponding provider. You will receive a Conditional Access Module (CA module) and a special card from your provider after registration. You will find information about the settings in the documentation supplied with the module.</p> <p>Install the CI components on your television in the following way:</p> <ul style="list-style-type: none"> ▶ Switch the television off and pull out the mains plug. ▶ Insert first of all the CI module into the slot on the side of the smart TV. Then insert the card. <p> Please note that you may only insert or remove the CI module when the device has been disconnected from the mains electricity network.</p> <p style="text-align: center;">NOTICE!</p> <p>Risk of damage!</p> <p>The CI module or the television could be damaged if you attempt to use force to insert the CI module.</p> <ul style="list-style-type: none"> – The CI module must be inserted correctly; it cannot be inserted if aligned incorrectly. ▶ Connect the television to the electricity supply, switch it on and wait for a moment until the card is recognised. <p>Some CI modules require additional set-up steps, which you can carry out in the CONDITIONAL ACCESS menu.</p> <p>If no module is inserted, the message NO COMMON INTERFACE MODULE DETECTED appears on the screen.</p>

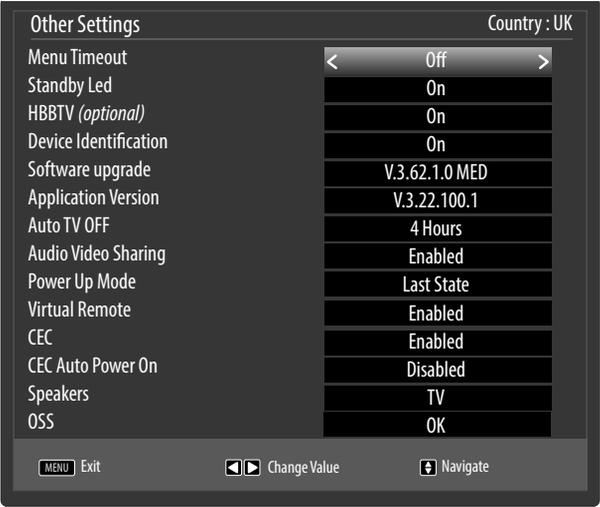
Menu Item		Settings
LANGUAGE	All language settings are shown and set in the LANGUAGE SETTINGS menu.	
		
MENU	Here you can choose the language for the OSD menu, in other words, for the on-screen displays. The language changes immediately. Do not set a language you do not understand.	
PREFERRED	These settings will be used if available. Otherwise the current settings will be used.	
	PRIMARY AUDIO LANGUAGE	If a programme, e.g. a film, is broadcast in several languages, you can select the spoken language here (e.g. original language).
	SECONDARY AUDIO LANGUAGE	Select your second preferred language here.
	PRIMARY SUBTITLE LANGUAGE	If the programme includes subtitles for the hard-of-hearing, you can set the preferred language here.
	SECONDARY SUBTITLE LANGUAGE	Select your second preferred subtitle language here.
	TELETEXT	The default setting is WEST . If you are in another language region, you can change the language setting: WEST, EAST, CYRILLIC, TURK/GRE or ARABIC .
	GUIDE	If there are several languages available for the programme guide, you can use this option to select your preferred language.
CURRENT	AUDIO	Here you can set the audio language of the current programme (if more than one language is supported).
	SUBTITLE	Here you can set the subtitles for the current programme (if available).

Menu Item	Settings	
PARENTAL	<p>If you confirm this with OK 22, a dialogue box will open. A password (or the locking key) is requested. Please use the password entered during the initial installation. On delivery of the product, this password is set to 0000. If the password is entered correctly, the dialogue box for security settings opens.</p>	
	MENU LOCK	<p>The MENU LOCK setting locks or unlocks menu access. You can block access to the installation menu or disable the entire menu system.</p>
	GUIDANCE	<p>If the child lock is activated, the TV can only be operated via the remote control. In this case, the multifunction button MODE 8 is deactivated.</p> <p>To switch the TV back on, you will need the remote control. When a button is pressed, the message GUIDANCE ON appears on the screen while the menu remains hidden.</p>
	SET PIN	<p>Set a new PIN number. Use the number buttons 17 to add a new PIN number. You must re-enter the new PIN code to confirm.</p> <p> Make a note of the new PIN. Otherwise the device must be reset to the factory defaults and all settings and channel listings will be lost.</p>
	DEFAULT CICAM PIN (optional)	<p>Here, you can enter the PIN of the CI card to record the channels of the pay TV card you are using (if the provider supports this).</p>

Menu Item	Settings	
TIMERS	<p>You can use the SLEEP TIMER to programme the device to switch off automatically. You can set the time in 30-minute increments (maximum 2 hours). The sleep timer countdown begins immediately after the setting has been made. Select OFF to deactivate the function.</p>	
	NETWORK TYPE	Setting the reception type (DVB-T, DVB-C or analogue).
	TIMER TYPE	<p>TIMER or RECORD.</p> <p>If a timer has been programmed via the EPG, the corresponding programme will be displayed in the TIMER menu. The timer then switches to the relevant programme. However, it is not possible to output the signal. The displayed timer can now be selected and deleted using the red button 28. Press the green button 28 if you want to edit the timer. The EDIT SELECTED TIMER menu will then open. The timer function can be used to switch over to another channel at a particular time (with the device switched on).</p> <p>If you select the RECORD setting, a hard drive or a USB stick must be connected via the USB connection. The relevant programme will then be recorded to the hard drive or USB stick.</p> <p> If the USB stick is not working correctly and an error message is displayed (e.g. not enough space available, although the stick is empty), it can also be formatted by the smart TV under the menu option MEDIA BROWSER > SETTINGS > RECORDING SETTIINGS > FORMAT DISK (media browser).</p>
	CHANNEL	Select the channel.
	RECORD TYPE	This is preset and cannot be changed.

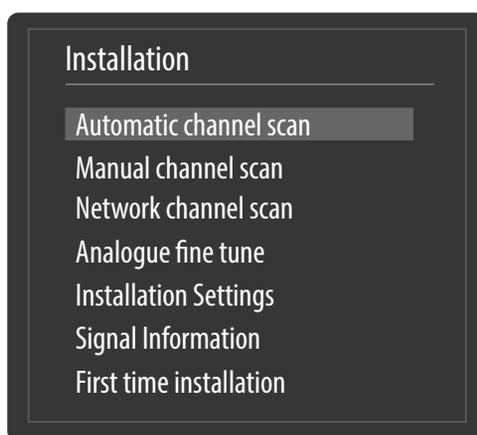
Menu Item	Settings	
	DATE	Enter the date. Use the number buttons to change digits in the square brackets.
	START	Enter the start time.
	END	Enter the end time.
	DURATION	The duration is determined automatically.
	REPEAT	Select the intervals at which the timer is to be repeated.
	CHANGE/DELETE	If DISALLOWED is selected, a lock icon appears. In this case, you can only open the entry with the PIN.
	PLAYBACK	Setting options: USE PARENTAL SETTINGS, ALLOWED, DISALLOWED
 Please note that a storage medium must be connected.		
DATE/TIME	Here you can change the time settings.	
	DATE / TIME: Display the set date and time. The entries cannot be changed.	
	TIME SETTING MODE: If you change the setting from AUTO to MANUAL , you can, in terms of full hours, adjust the selected time zone forwards or backwards.	
	GMT: Only active if the previous point has been set to MANUAL . Select the value with ◀ ▶ 39. The current time will be changed accordingly.	
SOURCES	<p>In this menu you can activate/deactivate or select sources. Deactivate a source by selecting it and pressing ◀ ▶. Deactivated sources do not appear in the pick list that opens when you press the  (SOURCE) 24 button.</p> <p>HDMI connections can be activated (indicated by REGULAR) and deactivated. The ENHANCED setting means that the selected connection is operated with HDMI 2.0 and the displayed colour range will be increased, insofar as this is supported by the connected device.</p>	
	 Select the ENHANCED setting when you want to play content with a HDR (High Dynamic Range). HDR will then be displayed in the info bar. <p>If you want to rename a source, press the red button. Afterwards, you can then change the name using the direction buttons ◀ ▶ ▲ ▼.</p>	

Menu Item	Settings		
NETWORK/ INTERNET SETTINGS	 <p>If you did not agree to the MEDION® Smart TV privacy policy during initial installation, you will be prompted again to do this here. Otherwise, you will not be able to use the network/Internet services.</p>		
	NETWORK TYPE	<p>Here you select the network type: WIRELESS DEVICE, WIRED DEVICE or DISABLED. After making a selection and confirming with the OK 22 button, an overview of all available networks appears. Make a selection and confirm with the OK button. If a password is required for a network, a virtual keyboard appears which you can use to enter this with the help of the direction buttons ◀ ▶ ▲ ▼ 39 and the OK button. After entering the password, select OK on the keyboard and confirm with the OK button.</p>	
	PRESS WPS ON YOUR WIFI ROUTER (only for WLAN)	<p>This option enables you to quickly establish a WPS connection via a wireless network (Wi-Fi).</p>	
	INTERNET SPEED TEST	<p>Press the OK button in order to test the speed of the Internet connection.</p>	
	ADVANCED SETTINGS	<p>Press the OK button to call up further network configuration options.</p>	
		CONFIGURATION	<p>Choose the setting AUTOMATIC IP or MANUAL IP. If you select MANUAL IP, three additional lines appear in which you can manually enter the data for the IP ADDRESS, SUBNET MASK and DEFAULT GATEWAY using the direction buttons ◀ ▶ and the number buttons 17.</p>
		CONFIGURATION	<p>Select here between DYNAMIC DNS or MANUAL DNS. If you select MANUAL DNS, two additional lines appear in which you can manually enter the data for the DNS SERVER 1 and DNS SERVER 2 using the direction buttons ◀ ▶ and the number buttons.</p>
	WAKE ON	<p>Activate/deactivate the Wake-On LAN/Wake-On Wireless LAN function (WoL/WoWLAN). This enables you to switch on the smart TV via a different device (e.g. a smartphone with the MEDION® Life Remote App). Both devices must be connected to the same network via LAN or Wi-Fi for this purpose. Select the EIN setting to activate this function. The device being used as a remote control needs to be connected to the TV once when it is switched on. The control function only works when the TV is in standby mode. If the TV is turned off and on again at the mains switch, the connection between the two devices will be automatically restored.</p>	
 <p>An existing network connection can be terminated by pressing the red button 28.</p>			

Menu Item	Settings					
ACCESSABILITY	Here you can adjust the settings for visually or hearing impaired users, in order to be able to receive additional supporting signals.					
	HARD OF HEARING	If the channel broadcasts special audio signals for the hearing impaired, you can change the setting to ON to receive these signals.				
	AUDIO DESCRIPTION	If the channel broadcasts special audio signals for the visually impaired, you can change the setting to ON to receive these signals.				
NETFLIX	<p>Calling up the Netflix app allows streaming of many movies and series directly via the Internet.</p> <div data-bbox="354 528 460 636" style="border: 1px solid black; padding: 5px; display: inline-block; text-align: center; width: 30px; height: 30px; margin-bottom: 10px;"> i </div> <p>Netflix is a subscription service that allows its members to stream movies and series over the Internet on “Netflix-compatible devices”. The use, warranty and liability limitations of the software are subject to the terms and conditions of Netflix International B.V.</p> <p>Press the OK button to deactivate Netflix. The device will then be logged out and access will be released again.</p> <p>Press the NETFLIX button on the remote control to open Netflix.</p>					
MORE...						
	MENU TIMEOUT	Here you can set the time after which the OSD menu automatically closes.				
	STANDBY LED	Switch standby LED on or off.				
	HBBTV (optional)	Select the setting ON to enable the option of viewing HbbTV content via the Internet. This service must be available in your region				
	DEVICE IDENTIFICATION	Activate/deactivate the device identification option.				
	SOFTWARE UPGRADE	<p>You can search for the latest software for the television here and update it.</p> <table border="1" data-bbox="608 1787 1484 1953"> <tr> <td data-bbox="608 1787 874 1868">AUTOMATIC SCANNING</td> <td data-bbox="874 1787 1484 1868">Enable/disable the automatic search.</td> </tr> <tr> <td data-bbox="608 1868 874 1953">SCAN FOR UPGRADE</td> <td data-bbox="874 1868 1484 1953">Start the Internet search for updated software.</td> </tr> </table> <p>The update takes approx. 30 minutes. Do not interrupt this process. The progress of the search will be displayed.</p>	AUTOMATIC SCANNING	Enable/disable the automatic search.	SCAN FOR UPGRADE	Start the Internet search for updated software.
AUTOMATIC SCANNING	Enable/disable the automatic search.					
SCAN FOR UPGRADE	Start the Internet search for updated software.					

Menu Item	Settings	
	APPLICATION VERSION	Version display
	AUTO TV OFF	Here you can set the time interval for the auto shutdown function. Once the interval is reached, the TV will switch off.
	AUDIO VIDEO SHARING	<p>Toggle audio-video sharing. This function allows data exchange with other multimedia devices such as PCs, smartphones, cameras, etc. Read the section "Video audio sharing – using network service" on page 51</p> <p> If you disable the AUDIO VIDEO SHARING function, you will no longer be able to display audio, video or photo files on the smart TV. The DMR function (digital media renderer) is then switched off.</p>
	POWER UP MODE	Select the power-on mode STANDBY or LAST STATE . When you press the Power button, this turns the device on in standby mode or retrieves the most recently selected setting.
	VIRTUAL REMOTE	Activate/deactivate the virtual remote control. This allows the operation of the TV via other devices.
	CEC (consumer electronics control)	<p>Enable this function to enable the communication of all devices that are connected via HDMI. In this way, you can, for example, control all devices within an HDMI network using only one remote control. Enable this function if you also want to specify settings under the following option: SPEAKERS.</p> <p>▶ Enable the CEC function first and select HDMI1 as the source. If you have already connected a CEC-enabled device, the name of the device is listed instead of HDMI1. The basic functions of the device can then be automatically controlled by using the remote control of the smart TV.</p> <p> If the CEC feature is enabled and HDMI1 was selected as the source (CEC-enabled device connected), the OSD menu of the smart TV can no longer be called up via the MENU  button.</p>
	CEC AUTO POWER ON	This function allows you to turn on the TV with the connected HDMI-CEC-compatible device and automatically switch to the input source. Select AKTIVIEREN if you want to use this function.
	SPEAKERS (ARC)	<p>The default setting for the speakers is TV, so that only the internal speakers are used for the sound output. This setting can only be changed if you have previously enabled the CEC function. If you have done so, it is possible to select the AMPLIFIER setting and integrate an external amplifier into a CEC network via the HDMI1 port . The internal speakers are muted in this case. The volume buttons on the remote control now control the device connected to the HDMI1 port (no OSD display of the volume bar).</p> <p> Due the great variety of different devices, correct functioning cannot be guaranteed.</p>
	OSS	Display the licence information on Open Source Software.

Installation menu



Menu Item	Setting		
AUTOMATIC CHANNEL SCAN	<p>The automatic channel search function helps you to search for and save new channels on your TV.</p> <p>A number of search options are available.</p> <p>Once you have selected the search option, press OK 22. Confirm the query with YES and press OK to start the channel search.</p> <p>Press MENU 19 to cancel the search prematurely. In this case, any found channels will not be saved.</p>		
MANUAL CHANNEL SCAN	This function is used for the direct entry of channels.		
NETWORK CHANNEL SCAN	<p>Selection between digital cable or DVB-T channel groups. This searches for related channels of the currently selected station. The information sent in this respect depends on the selected channel and leads to different results.</p> <p> The existing channel list is replaced when the network search is started.</p>		
ANALOGUE FINE TUNE	Here you can fine-tune analogue channels.		
INSTALLATION SETTINGS	<p>Here you can make additional installation settings.</p> <table border="1"> <tr> <td>STANDBY SEARCH</td> <td>If this function is set to ON, the TV will search for available channels while it is in standby mode. When the device finds new or not yet available channels, a menu will be displayed that you can use to accept or reject the changes.</td> </tr> </table>	STANDBY SEARCH	If this function is set to ON , the TV will search for available channels while it is in standby mode. When the device finds new or not yet available channels, a menu will be displayed that you can use to accept or reject the changes.
STANDBY SEARCH	If this function is set to ON , the TV will search for available channels while it is in standby mode. When the device finds new or not yet available channels, a menu will be displayed that you can use to accept or reject the changes.		
SIGNAL INFORMATION	Displays further data about the received signal.		
FIRST TIME INSTALLATION	<p>This function corresponds to the initial installation steps that occur after switching on for the first time.</p> <p> Carrying out the first-time installation again will reset all settings back to factory defaults, including the PIN.</p>		

Channel list menu



The channel list is the place where you manage your channels. The **EDIT CHANNEL LIST** menu can also be opened by pressing the **OK** button during operation (the **CHANNEL LIST** opens) and then pressing the **green button 28 (ADVANCED)**.

In this menu, the following options are available:

Button	Entry	Function
OK 22	OPTIONS	<p>If you press the OK button, the following options appear for editing the currently selected channel:</p> <p>WATCH: Pressing the OK button switches the device to the previously selected channel.</p> <p>DELETE: With this function, you can delete the currently selected channel (or all marked channels). Press the OK button and confirm the subsequent prompt with YES. The channel will then be permanently deleted. Select NO if you want to cancel this step.</p> <p>LOCK/UNLOCK: With this function, you can lock or unlock the currently selected channel (or all marked channels). You can use the lock function to password protect access to certain channels. Press the OK button and then enter the required password (on delivery: 0000). A lock icon will appear after the channel name. Do the same to unlock the channel.</p> <p> To lock a channel, you have to know the password (Default password on delivery: 0000, it can be changed in the SETTINGS > PARENTAL menu).</p> <p>ADD/REMOVE FAVOURITES: You can create up to four favourites lists that you can call up later. If you press the OK button, you can add the currently selected channel (or all marked channels) to one or more favourites lists. To do this, select ON for the required list and then press the OK button (or EXIT 23). To remove a channel from a favourites list, select the OFF entry accordingly. If a channel is assigned to the favourites list, a corresponding symbol appears after the channel name. For more information, read the section "Opening the favourites list" on page 27.</p>
▲ ▼ 39	NAVIGATE	Use the direction buttons ▲ ▼ to select the previous or next channel.
P+/- 21	PAGE UP/DOWN	To scroll pages up or down 10 at a time, you can use the P+ button or the P- button.
Yellow button 28	TAG/UNTAG CHANNEL	You can use this button to mark the currently selected channel. A check mark will appear in front of the corresponding channel name. Pressing the button again will remove the check mark.

Button	Entry	Function
Blue button 28	FILTER	<p>Here you will find filter functions with which you can customize the appearance of the channel list:</p> <p>NETWORK TYPE: Only the channels for the selected reception type will be displayed.</p> <p>TV/RADIO: Select here whether you want to display only TV, only radio or all of the channels in the list.</p> <p>FREE/CAS: Select here whether you want to display only free channels, only encrypted channels or all of the channels in the list.</p> <p>HD/SD: Select whether only HD, SD or all channels are displayed.</p> <p>FAVOURITES: Select whether one of the four possible favourites lists is to be displayed.</p> <p>PROFILE OPTIONS: Here you can make pay TV settings (is not, however, currently supported by the pay TV providers).</p>
BACK 40	BACK	Press the BACK button to move back one step in the menu.
Number buttons 17	JUMP	To jump to a desired channel, you can enter the channel number directly using the number buttons.
MENU 19	EXIT	Press the MENU button to exit the channel list.
Green button 28	TAG/UNTAG ALL	You can use this button to mark all channels. A check mark will appear in front of all the channel names. Pressing the button again will remove the check mark.

Media browser menu

If you connect a USB data medium to the smart TV, you can play music files, images and videos.

Information on using USB

- Certain types of USB devices (MP3 player) may not be compatible with this smart TV.
- Connect the USB device directly.
- Do not use a separate cable as compatibility problems may arise.
- Never remove the USB device while a file is being played.

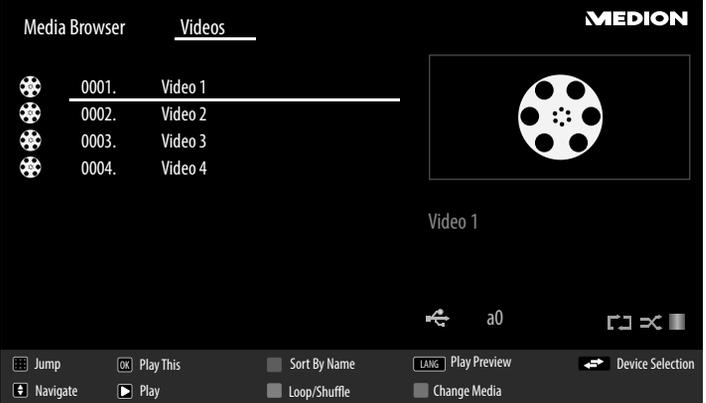
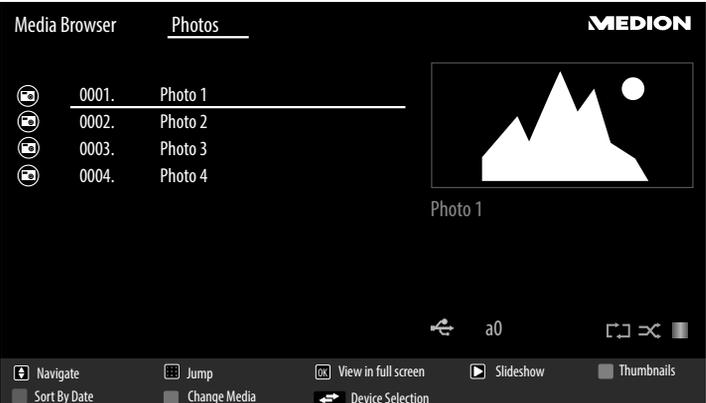
NOTICE!

Risk of damage!

Quick and repeated connection and disconnection of USB devices is dangerous and can lead to physical damage to the USB device and, in particular, to the smart TV itself.

- In particular, you should not plug in and unplug the USB device several times in quick succession.

As soon as you connect a USB medium in normal mode, the device will automatically open the media browser. If you have previously opened the **MEDIA BROWSER** via the **(MEDIA) 30** button or the main menu and then connect a USB medium, **USB DEVICE (O) CONNECTED** will be displayed on the device. As soon as the USB medium is removed, **USB DEVICE (O) DISCONNECTED** will be displayed and the device will automatically switch back to normal TV mode:

<ul style="list-style-type: none"> • VIDEOS - To play back video files <p>0..9 17: Jump</p> <p>OK 22: Play selection</p> <p>RED BUTTON 28: Sort by name</p> <p>LANG. 31: Play preview</p> <p>↔ (SWAP) 51: Device selection (if several USB or network drives are available)</p> <p>▼ ▲ 39: Navigation</p> <p>▶ 30: Playback</p> <p>GREEN BUTTON 28: Loop/Shuffle</p> <p>BLUE BUTTON 28: Change media type</p>	
<ul style="list-style-type: none"> • PHOTOS - To play back photo files <p>▼ ▲: Navigation</p> <p>0..9: Jump</p> <p>OK: View in full screen</p> <p>▶: Slideshow</p> <p>GREEN BUTTON: Thumbnails</p> <p>RED BUTTON: Sort by date</p> <p>BLUE BUTTON: Change media type</p> <p>↔ (SWAP): Device selection (if several USB or network drives are available)</p>	

<ul style="list-style-type: none"> • MUSIC - for playing music files ▼ ▲ : Navigation ▶ : Play ■ 30 : Stop ↔ (SWAP): Device selection (if several USB or network drives are available) ◀ ▶ : Previous/next 0..9: Jump OK: Play selection 30 : Pause RED BUTTON: Sort GREEN BUTTON: Loop/Shuffle BLUE BUTTON: Change media type 	
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 If a certain file type is not available on the USB data medium, a corresponding message will be displayed.

The ↔ (**SWAP**) option will only be displayed if several USB connections and/or networks are available.

- **ALL²** - Play back all media types
- **RECORDINGS** - In this option, the recorded programmes on the connected USB stick/USB hard drive can be displayed and played back.
- **SETTINGS** - Go to the settings for the media browser

VIEW STYLE	Select the playback style FLAT or FOLDER .
SLIDESHOW INTERVAL	Select the display time for images in the slide show (5 to 30 seconds).
SHOW SUBTITLE	Activate/deactivate subtitles
SUBTITLE LANGUAGE	Select subtitle language.
SUBTITLE POSITION	Select the subtitle position.
SUBTITLE FONT SIZE	Select the font size for the subtitles.

² This selection menu appears if the option **FOLDER** is set in the **SETTINGS** menu under the option **VIEW STYLE**.

RECORDING SETTINGS (PVR)	<p>START EARLY: You can define here that the recording should begin before the set start time.</p> <p>END LATE: You can define here that the recording should stop after the set end time.</p> <p>MAX TIMESHIFT: You can set the max. timeshift time here. The timeshift function enables you to interrupt playback during the recording with II 30 or to fast rewind or fast forward through the recording with ◀◀ and ▶▶ 30 . The recording will continue unaffected in the background. The maximum timeshift can be set here.</p> <p>AUTO DISCARD: Automatic deletion of recordings can be set using this option. The following options are available here:</p> <ul style="list-style-type: none"> • DISCARD: Keine / Älteste / Längste / Kürzeste • UNPLAYED: Eingeschlossen / Nicht eingeschlossen. This can only be selected if Älteste, Längste or Kürzeste have been selected under DISCARD . <p>HARD DISK INFORMATION: To display details about the USB hard drive, highlight this option and press the OK 22 button. The information about the hard drive will tell you, for example, how much storage space is still available.</p> <p>FORMAT DISK: Select the FORMAT DISK menu option. It is now necessary to enter the password entered during the initial installation or the master password 0000. The following prompt is displayed: THIS WILL REMOVE ALL RECORDINGS AND TIMERS. CONTINUE WITH FORMAT?. Select YES if you want to start formatting or NO to cancel the process. Confirm with OK.</p>												
	<p>The media buttons 30 enable you to directly control recording and playback.</p>	<table border="1"> <tr> <td>●</td> <td>Starting recording</td> </tr> <tr> <td>▶</td> <td>Start playback</td> </tr> <tr> <td> </td> <td>Pause playback</td> </tr> <tr> <td>■</td> <td>Stop playback</td> </tr> <tr> <td>◀◀</td> <td>Rewind</td> </tr> <tr> <td>▶▶</td> <td>Fast forward</td> </tr> </table>	●	Starting recording	▶	Start playback		Pause playback	■	Stop playback	◀◀	Rewind	▶▶
●	Starting recording												
▶	Start playback												
	Pause playback												
■	Stop playback												
◀◀	Rewind												
▶▶	Fast forward												

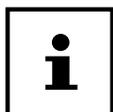
Depending on the selected option, various different functions are available. These are shown on the lower part of the screen.

- ▶ To exit the media browser, press the **MENU** **19** button.

Using an audio video sharing network service

The audio video sharing network service allows a data exchange between devices if they support the audio video sharing function.

- ▶ Connect the smart TV to a network.
- ▶ Switch on the smart TV and open the **MEDIA BROWSER** via the menu.
- ▶ Select the **SETTINGS** option.
- ▶ Under **VIEW STYLE**, select the option **FOLDER**.
- ▶ Press the **BACK** **40** button to return to the main menu of the media browser.
- ▶ Select the desired media type and confirm with **OK** **22**. All available networks are listed.
- ▶ Select the desired media servers or the network you want to access. All available files are displayed.



The available commands are shown on the lower edge of the screen.

EPG – Programme guide

Use the  (**EPG**) **35** button to open the electronic programme guide.

You will see the current and the next programme for the available channels in the table.

▶ Use  **39** to select a channel and scroll through the channel offering with .



The programme information displayed is created by the broadcaster. If no programme information is displayed, this does not mean that your smart TV is not working properly.

The following table shows the options for the **GUIDE**:

Button	Entry	Function
 39	NAVIGATION	You move through the programme guide using the direction buttons.
Red button 28	NOW/NEXT SCHEDULE	Select the NOW/NEXT SCHEDULE view. This shows only the current and the next programme for all channels. Use the yellow button to get back to the TIMELINE SCHEDULE .
Green button 28	LIST SCHEDULE	In the LIST SCHEDULE view, only the broadcasts on the selected channel within a time window of two hours are shown. Use the green button to call up the next time period and the red button takes you back to the previous period. Programmes from the past are not displayed here. The NOW/NEXT SCHEDULE can be called up from here using the blue button and the FILTER function with the  button. Use the yellow button to get back to the TIMELINE SCHEDULE .
Yellow button 28	ZOOM	Shrink time window
Blue button 28	FILTER	If you are looking for a specific programme, you can use a filter to restrict the selection.
SUBT. 32	HIGHLIGHT GENRE	Set the category for the displayed programmes.
OK 22	OPTIONS	While the selected channel is running, only the option SELECT CHANNEL is available. Press the OK button to change the channel. If the selected programme is in the future, the option SET TIMER ON EVENT is also available. Select this option to add this channel to the timer.
i (INFO) 36	EVENT DETAILS	Displays a detailed description of the marked programme (if available). Press i (INFO) again to hide the description. If the description is a little longer, scroll through the text using the +P- buttons.
P+/- 21	NEXT/PREV DAY	Calls up the channel info for the following/previous day. This is only possible up to the current day. Channel info from the past is not displayed. If you have previously pressed the i (INFO) button to call up information about a programme, these buttons can be used to navigate through the EVENT DETAILS .
 25	SEARCH	Search for programmes Set the day here as well as the category.
 (SWAP) 18	NOW	Jump back to the current timeline.
● / ■ 30	REC./STOP	Starting/stopping recording

Media portal

After pressing the Internet button  **20**, you can use the direction buttons    and  **39** to select from Netflix, YouTube, the media portal or other services. Confirm your selection by pressing the **OK** **22** button. In the media portal, you have access to news, games, shopping and much more via the preinstalled applications. An Internet connection is required for this function.

Alternatively, you can press the  **Play** **34** button for direct access to the Freeview Play portal (preprogrammed). Use the direction buttons    and  to scroll through the different apps and confirm your selection by pressing the **OK** button.



- After pressing the Internet button  or the button  **33**, select the desired language.
- You can then register as a new user (optional).



The start view of the media portal appears only on first use or after a reset of the media portal under **SETTINGS**.

Afterwards, the home screen of the media portal appears where a preselection of certain apps is displayed. The following options can be selected here:

Green button 28	ADD TO HOMESCREEN (My Apps) (optional)	Press the green button to add the currently selected app to your favourites.  This function cannot be selected until you have registered as a user under REGISTER .
Yellow button 28	SETTINGS	Here you can specify which language areas the apps should be selected from. In addition, you can reset the portal so that the home screen of the portal is reset to the factory default.

- ▶ You can press the Internet button  (or the **BACK** **40** button) at any time to exit the currently selected app and return to the home screen. Use the **EXIT** **23** button (or the  **(SOURCE)** **24** button) to exit the media portal and return to normal TV mode.

HbbTV system

HbbTV (Hybrid Broadcast Broadband TV) enables a combination of broadcasting and Internet content that can usually be accessed and displayed by pressing the red button on the remote control.

HbbTV services include standard radio/TV stations, catch-up TV, video on demand, EPG, interactive advertising, customisation options, polls, games, social networks and other multimedia applications.

HbbTV applications cannot be called up unless the broadcaster sends these signals and there is an Internet connection on the TV. The scope and operation vary depending on the channel and the broadcaster.

Whether a broadcaster offers HbbTV applications or not, is shown via a brief on-screen display. The exact form and the location is dependent on the individual applications. Use the red button to open and close the application pages. Navigation within the applications is carried out by using the colour buttons on the remote control, but this can vary depending on the channel and the programme. Pay attention to the messages within the applications.

Internet

The Open Browser function is an app in the media portal and provides you access the Internet. After opening, predefined web pages and their logos are shown that you can select directly. You can use the keyboard function to enter URL addresses directly or control web pages via the activated search function. Use the arrow buttons ◀ ▶ **39** on the remote control to navigate through the options and confirm your selection with **OK** **22**.



Note that Internet pages with Flash content are not supported by the Open Browser. It is also not possible to download content.

MEDION® Life Remote App

The MEDION® Life Remote app is the innovative way to operate your MEDION® television from your smartphone via your home network.

The MEDION® Life Remote application makes use of the properties of your mobile phone – such as touch screen capability and G sensor – to provide easy-to-use, convenient and improved options for operating your MEDION® smart TV. Not only that: you also have the option of operating your television via touch pad and directly entering text when calling up Internet pages.



Please note that the television to be controlled must be in the same network as the smartphone.

Apple QR code



Scan the QR code to install the app directly onto your smartphone or tablet.

Android QR code



Data protection MEDION® Smart TV

Your Internet-capable TV has an Internet service function (HbbTV, portal and open browsing). These functions enable you to access services, content, software and products provided by third parties on the Internet. In addition, you have access to open Internet content. Your device checks automatically via this route whether new software versions are available for your device. When doing so, your device sends out the IP address, the software version and the MAC address of the device. This data is required to make use of the software update service.

Access to applications in the portal or via HbbTV may, depending on the provider, require a registration, setting up a user account and/or a subscription when using certain services. Registration may require the provision of your personal data and the selection of a unique and secret password. Please check the privacy policy of the provider beforehand.

MEDION shall not be liable if the HbbTV, the portal or a service does not comply with the user's requirements, nor does it guarantee that safe and error-free use of such services can always occur without restrictions, or continuously, at the required time.

MEDION shall not be liable for the information or content provided via HbbTV, the portal or the open Internet, nor for its use and reliability. When you purchase your Smart TV, special guarantees are provided. The validity of these guarantees, including the related disclaimers, remains in force.

If you have any further questions on the subject of data protection when using your Smart TV, please contact the respective provider of the Internet service function or contact MEDION® directly on www.medion.com under the heading Data Protection.

Troubleshooting

Malfunctions can sometimes have quite trivial causes, but they may also be the result of defective components. We have included a brief troubleshooting guide below which may help to solve any problems. If these tips don't solve the problem then we'll be more than pleased to help you out. Just give us a call!

Error	Measures
There is no picture and no sound.	<ul style="list-style-type: none"> • Check if the power cable is inserted properly into the socket. • Check if signal reception is set to TV. • Check whether the power switch on the bottom of the device is turned on.
There is no AV picture.	<ul style="list-style-type: none"> • Check to ensure that the contrast and brightness settings are correct. • Check to ensure that all external devices have been connected properly. • Check to ensure that you have selected the correct AV source. • Any input source that you want to select with MODE 8 or  (SOURCE) 24 must be marked in the SOURCES menu.
There is no sound.	<ul style="list-style-type: none"> • Ensure that the volume has not been set to the minimum level. • Ensure the mute setting is not active. Do this by pressing the button in the top left of the remote control with the crossed out loudspeaker symbol.
There is no picture and no sound. I can hear noise, though.	<ul style="list-style-type: none"> • The reception might be poor. Check if the antenna is connected properly.
The picture is not clear.	<ul style="list-style-type: none"> • The reception might be poor. • Check if the antenna is connected properly.
The picture is too bright or too dark.	<ul style="list-style-type: none"> • Check the settings for contrast and brightness.
The picture is not sharp.	<ul style="list-style-type: none"> • The reception might be poor. • Check if the antenna is connected properly. • Check the settings for sharpness and noise reduction in the BILD menu.
There is a double/triple picture.	<ul style="list-style-type: none"> • Check if the antenna is aligned properly. • Waves might be reflected off buildings or mountains.
The picture is pixellated.	<ul style="list-style-type: none"> • There might be interference from cars, trains, power lines, neon lights, etc. • There might be interference between the antenna and power cables. Position the cables further apart.
There are stripes on the screen or the colours are faded.	<ul style="list-style-type: none"> • Is there interference from another device? • Transmission antennae on radio stations, ham radios and portable phones can also cause interference. • Operate the device as far away as possible from the device that might be causing the interference.
The MODE multifunction button on the device is not working.	<ul style="list-style-type: none"> • The child lock might be on.
TV switches off	<ul style="list-style-type: none"> • Check whether the automatic TV switch off function is activated under MORE... (see page 43).
No reception/poor reception via a wireless network connection (WLAN).	<ul style="list-style-type: none"> • Ensure that all necessary settings have been made.

<p>WIRELESS DISPLAY cannot be established.</p>	<ul style="list-style-type: none"> • Check that all necessary settings have been made. Read the section “Wireless Display” on page 28.
<p>The remote control is not working.</p>	<ul style="list-style-type: none"> • Check whether the batteries in the remote control are functional and have been inserted the right way round. • Ensure the sensor field is not exposed to strong light. • Turn the device off and on again using the power switch on the bottom of the device.
<p>Menu cannot be opened.</p>	<ul style="list-style-type: none"> • Check whether CEC is enabled. In this case, the menu cannot be opened. This is not a defect. In some cases, the menu of the device connected via HDMI1  opens. This is dependent on the source device and must be supported accordingly. You will find more information on page 44. • Change the input source.
<p>Filter function of the channel list does not work permanently.</p>	<ul style="list-style-type: none"> • To set a "permanent" filter, you need to call up the channel list with the OK  button and then the expanded channel list with the green button . • Call up the expanded channel list via MENU > CHANNEL LIST and then use the FILTER function. <div data-bbox="537 846 644 954" style="border: 1px solid black; padding: 5px; display: inline-block; margin-bottom: 5px;">  </div> <p>If, however, you call up the channel list during operation via the OK button and then use the FILTER option, this option acts more like a search function. This means that the complete channel list is displayed the next time you press the OK button after closing the channel list. The previously filtered results are not retained.</p>
<p>HDR content from a player connected via HDMI is not played in HDR.</p>	<ul style="list-style-type: none"> • In the SETTINGS > SOURCES menu, set the HDMI input being used to ENHANCED (see p. 41).

Do you need more help?

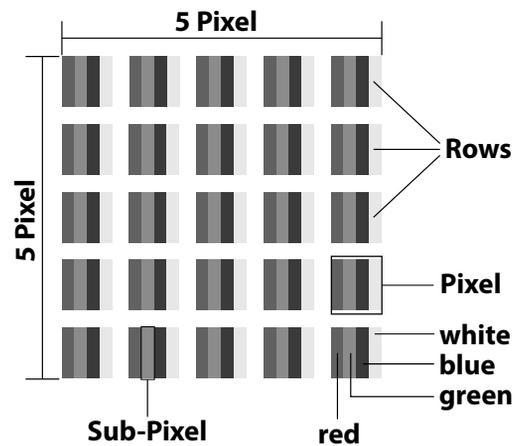
If the suggestions in the previous section did not solve your problem, please contact us. To make it easier for us to help you, please have the following information to hand:

- What external devices are connected?
- What messages appear on the screen?
- When operating the device, at which step did the problem occur?
- If you have a PC connected to the device:
 - How is your computer configured?
 - What software were you using when the problem occurred?
- What steps have you already taken to try and rectify the problem?
- Please provide us with your customer number if you have one.

Smart TV pixel faults

Despite the most modern production methods, in rare cases there may be individual or multiple pixel drop-outs (dead pixels) due to the highly complex technology.

For active matrix TFTs with a resolution of **3,840 x 2,160 pixels**, which are each made up of four sub-pixels (red, green, blue, white), there are a total of **approx. 33.2 million** control elements in use. Occasionally pixels or individual sub-pixels can fail or become incorrectly controlled because of this very high number of transistors and the associated extremely complex manufacturing processes used.



Pixel fault class	Defect type 1 Continuously lit pixel	Defect type 2 Continuously black pixel	Defect type 3 Defective sub-pixel	
			lit	black
0	0	0	0	0
I	1	1	2	1
			1	3
			0	5
II	2	2	5	0
			5-n*	2xn*
			0	10
III	5	15	50	0
			50-n*	2xn*
			0	100
IV	50	150	500	0
			500-n*	2xn*
			0	1000

n*=1,5

The permitted number of defects for every type named above in each class of pixel defect refers to one million pixels and must be converted accordingly to match the physical resolution of the display.

Your device complies with the European ISO 9241-307 Class II standard (pixel fault class).

Cleaning



Risk of electric shock!

There is a risk of death due to an electric shock when the housing is open and you touch parts inside the device!

- Do not open the housing of the device. It does not contain any parts requiring maintenance. Always unplug the device and disconnect all cables before cleaning!

You can increase the lifespan of your smart TV by taking the following measures:

- In order to protect the television from scratches, protective film has been applied to the high-gloss finish. Remove the film after you have set up the TV correctly.
- If the high-gloss finish becomes dirty, wipe off the dust first. Then wipe down gently with a cleaning cloth. If you do not wipe off the dust first, or wipe the high-gloss finish too vigorously you could scratch the high-gloss finish.
- Do not use solvents, corrosive or gaseous cleaning agents.
- Clean the screen with a soft, lint-free cloth.
- Ensure that no water droplets remain on the smart TV. Water can cause permanent discolouration.
- In order to avoid damage to the device, water must not penetrate into the interior of the device under any circumstances.
- Do not place the screen in strong sunlight or near ultraviolet light.
- Store the packaging material in a safe place and only use this packaging to transport the smart TV.

Storage when not in use

If the TV is going to be out of use for an extended period of time, store it in a cool, dry place and make sure that it is protected against dust and extreme fluctuations in temperature. Remove all connections and take the batteries out of the remote control in advance.

Disposal



Packaging

The product has been packaged to protect it from damage in transit. The packaging is made of materials that can be recycled in an environmentally friendly manner.



Device

The adjacent symbol showing a crossed out wheellie bin means that the device is subject to Directive 2012/19/EU. Old devices may not be disposed of with normal household waste. If you can no longer use your electrical device, dispose of it in accordance with the legal provisions applicable in your area. This involves separating the materials in the device for the purpose of recycling and minimising the environmental impact.

Take old devices to a collection point for electrical scrap or a recycling centre. Before doing so, remove the batteries from the device and take them to a separate collection point for used batteries.

Contact your local waste disposal company or your local authority for more information on this subject.



Batteries

Do not dispose of used batteries with household waste. Batteries must be disposed of correctly. Retailers that sell batteries and local collection points provide containers in which you can dispose of them.

Contact your local waste disposal company or your local authority for more information on this subject.

Technical data

Smart TV	MEDION®
Device name	X15507 (MD 31296)
Nominal voltage	220–240 V ~ 50 Hz
Screen size	(55") 138.8 cm LCD; 16:9 display
Power consumption	Max. 140 Watt
Power consumption in standby mode	< 0.50 W
Power consumption in off mode	0.01 W
Power consumption in networked standby mode (WAKE-ON mode)	≤ 3.00 W
Speaker output	2 x 10 Watt RMS, DTS HD-compatible
Physical resolution	3,840 x 2,160
TV system	Pal
Channel positions	199 (ATV), 800 (DTV)

Channels	
	VHF (channels I/III)
	UHF (BAND U)
	HYPERBAND
	CABLE TV (S1-S20) / (S21-S41)
	HD DVB-T
	DVB-T2 HD
	HD DVB-C

Connections	
	Antenna connection (analogue TV, DVB-T or DVB-C)
	2 x USB connection
	1 x LAN RJ-45
	Video
	3 x HDMI 2.0 In with HDCP 2.2 decryption
	1 x VGA (15 pin D-Sub, YUV)
	AV In (3.5 mm mini jack to cinch adapter)
	Audio
	Stereo audio in for AV / YUV / VGA (3.5 mm mini jack to cinch adapter)
	Headphone output (3.5 mm jack)
	Digital audio out (SPDIF) (optical)

Drives/storage media	
Drives	USB, Common Interface (CI+) slot
Supported formats via USB ³	Photo: JPG, JPEG, JPE, BMP, PNG
	Music: MP3, WMA, WAV
	Films: MPEG 1/2/4, MKV, Xvid, MOV, MP4, DAT, VOB, H263, FLV, HEVC
Capacities	USB max. 1 TB

Remote control	
Transmission type	Infrared
LED classification	1
Battery type	2 x 1.5V AAA R03/LR03

Ambient temperatures	
Permissible ambient temperature	+5°C to +35°C
Permissible relative humidity	20% - 85%

Dimensions/weight	
Dimensions without stand (W x H x D)	approx. 1,247 x 735 x 96 mm
Dimensions with stand (W x H x D)	approx. 1,247 x 787 x 275 mm
Weight without stand	approx. 13.8 kg
Weight with stand	approx. 14.2 kg
Wall mounting	Vesa standard, hole spacing 400 x 200 mm ⁴

Wi-Fi		
Frequency range	2.4 GHz / 5 GHz	
Wi-Fi standard	802.11 a/b/g/n	
Encryption	WEP/WPA/WPA2	
Frequency range/MHz	Channel	Max. transmission power/dBm
2,400 – 2,483.5	1 - 13	19.9
5,150 – 5,250	36 – 48	22.4
5,250 – 5,350	52 – 64	22.5
5,470 – 5,725	100 – 140	22.5

³ The playback of all formats cannot be guaranteed due to the large number of different codecs.

⁴ Wall mount not supplied. When mounting the device, make sure that you use M6 screws. The length of the screws corresponds to the thickness of the wall bracket plus 10 mm.

Product data sheet

According to Directive 1062/2010

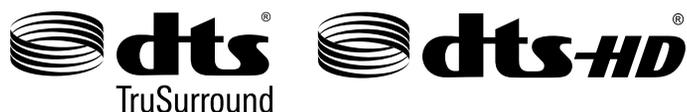
Trademarks	MEDION
MSN no.	GB: 30024499 IRE: 30024550
Model no. (MD)	31296
Energy efficiency class	A+
Visible screen size (diagonal, approx.)	138.8 cm (55")
Average power consumption when switched on (Watt)	80
Annual power consumption (kWh/year)	116
Power consumption in standby (Watt)	0.48
Power consumption when switched off (Watt)	0.01
Display resolution (px)	3,840 x 2,160



ID 1000000000

Information on trademarks

DTS, the logo and DTS together with the logo are registered trademarks of DTS, Inc.



You can find more information about DTS patents at <http://patents.dts.com>

The HDMI logo and the name High-Definition Multimedia Interface are registered trademarks of HDMI Licensing LLC.



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Germany

The operating manual is available for download via the service portal at www.medion.com/gb/service/start/.

You can also scan the QR code above and download the operating manual onto your mobile device via the service portal.

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Great care has gone into the manufacture of this product and it should therefore provide you with years of good service when used properly. In the event of product failure within its intended use over the course of the first 3 years after date of purchase, we will remedy the problem as quickly as possible once it has been brought to our attention. In the unlikely event of such an occurrence, or if you require any information about the product, please contact us via our helpline support services, details of which are to be found both in this manual and on the product itself.



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	www.medion.co.uk	
MODEL: MD 31296	05/2018	

3
YEAR WARRANTY