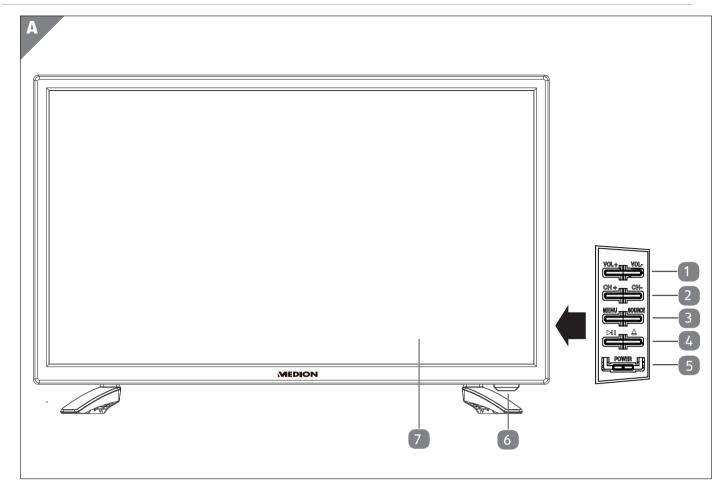
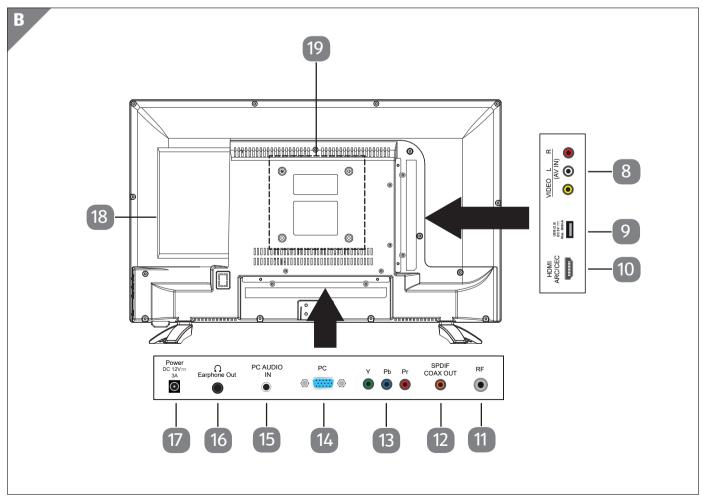
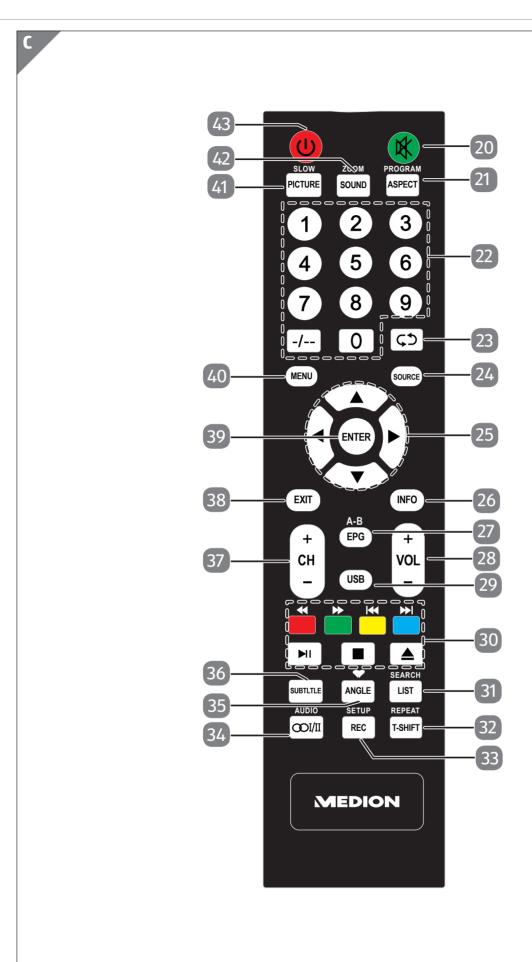
User Manual

MEDION® 24" Full HD LED LCD TV E12471









Device parts

- 1 VOL +/VOL -
- 2 CH + /CH -
- 3 MENU SOURCE
- 4 PLAY EJECT
- 5 POWER
- 6 Operating light / Infrared sensor
- 7 LCD screen
- 8 VIDEO L-R (AV IN)
- 9 USB 5V === max. 500mA
- 10 HDMI ARC/CEC
- 11 RF
- 12 SPDIF COAX OUT
- 13 YPbPr
- 14 PC
- 15 PC AUDIO IN
- 16 EARPHONE OUT
- 17 POWER DC 12V === 3A
- 18 DVD player
- 19 Fixing holes for a wall bracket

- 20 **常** (MUTE)
- 21 ASPECT / PROGRAMM (DVD mode)
- 22 Number buttons
- 23 Ç5 (SWAP)
- 24 SOURCE
- 25 Direction buttons
- 26 INFO
- 27 EPG / A-B (DVD mode)
- 28 VOL+/-
- 29 USB
- 30 Colour / media buttons
- 31 LIST / SEARCH (DVD mode)
- 32 T-SHIFT /REPEAT (DVD mode)
- 33 REC / SETUP (DVD mode)
- 34 AUDIO / ODI/II: (stereo/mono sound format)
- 35 **▼** (FAV) / ANGLE (DVD mode)
- 36 SUBTITLE
- 37 CH+/-
- 38 EXIT
- 39 ENTER
- 40 MENU
- 41 PICTURE / SLOW (DVD mode)
- 42 SOUND / ZOOM (DVD mode)
- 43 (STANDBY)

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About these operating instructions



Thank you for choosing our product. We hope you enjoy using it.

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 operating instructions. They are an essential component of the product.

Explanation of symbols

If a block of text is marked with one of the warning symbols listed below, the hazard described in that text must be avoided to prevent the potential consequences described there from occurring.



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.

NOTICE!

This signal word warns of possible damage to property.



Please follow the guidelines in the operating instructions.



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



The RCM is the compliance mark for all applicable Australian Communications and Media Authority (ACMA) regulatory arrangements, including all technical and record-keeping requirements.



Protection class III

Electrical appliances in protection class III are electrical appliances built for operation with safety extra-low voltage that have neither internal nor external electricity circuits which work with a different voltage other than safety extra-low voltage. The maximum rated voltage for the safety extra-low voltage between the conductors and between the conductors and the earth is 42 V. In the case of three-phase alternating current, the maximum rated voltage between the conductors and the neutral conductor is 24 V. The maximum off-load voltage must not exceed 50 V. The safety extra-low voltage may only be supplied via a safety transformer or a transformer with separate windings.

Intended use

This device is used to receive and play back television channels. The range of different connections 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 in cases of 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 damage to the device.
- Do not use the device in extreme environmental conditions.
- This product is intended for use in dry, indoor areas only.
- This device is not designed to be used as a data monitor for office workplaces.

Full HD

Your Full HD LED LCD TV is equipped with the feature "Full HD". This means that it is capable of displaying high resolution television programmes (HDTV). The prerequisite for this is a HDTV signal.

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.



DANGER!

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:

- 24"Full HD LED LCD TV
- Remote Control incl. 2 x batteries 1.5V AAA
- External power adapter
- Car adapter
- Instruction Manual
- Warranty Certificate
- Stands incl. screws for mounting

Safety instructions



Risk of injury!

There is a risk of injury when using a wrong power supply!

- Use only the power supply listed in the user instructions.

Operating safety

- 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.



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.



Risk of electric shock!

Risk of electric shock, short circuit and fire!

 Never open the housing of the Full HD LED LCD TV and never insert any objects through the slots and openings into the Full HD LED LCD TV.



Overheating! Risk of fire!

Overheating can damage the Full HD LED LCD 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 screen may break.
 - The 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!

- 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.
- To avoid damaging the display, do not touch it with fingers or sharp objects.

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 Full HD LED LCD 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 Full HD LED LCD 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.



Risk of injury!

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.



Risk of injury! Mortal danger!

TVs that are not set up in a stable position could tip over and 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 Full HD LED LCD TV from falling over.
 - Only use the stand 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 Full HD LED LCD 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 device may sustain damage if unsuitable replacement parts are used.

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 Full HD LED LCD 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 Full HD LED LCD TV, which can cause an electrical short circuit.

 After transporting the Full HD LED LCD TV wait until it 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 Full HD LED LCD TV from the power supply or to completely isolate the device from voltage sources, unplug the device completely from the mains.



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 AC adapter of the Full HD LED LCD TV into an earthed socket with 220 240 V ~
 50 Hz. Contact your electricity provider if you are not sure if the socket is earthed or not.
 - The power socket must be close to the Full HD LED LCD TV and easy to access.

- To disconnect the power supply from your monitor, pull the mains plug from the power outlet.
- For extra safety, we recommend using an over-voltage protection device to prevent your
 Full HD LED LCD 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.



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.

Declaration of conformity

MEDION AG herby declares that the product MD 21571 conform to all relevant Australian requirements.



DVD player

The DVD player is a Class 1 laser product. The device has a safety system that prevents dangerous laser rays from escaping during normal use. To avoid eye injuries, never tamper with or damage the safety system of the device.

LASER KLASSE 1 CLASS 1 LASER PRODUCT APPAREIL LASER DE CATEGORIE 1

Overview of the device

Front

- **10 VOL +/VOL -**: Set the volume or navigate in the menu
- 2 CH + /CH -: Select a channel or navigate in the menu
- **MENU**: Call up the on-screen menu to change settings on your device

SOURCE: Select source

- PLAY: For playing back DVDs

 EJECT: Eject button (DVD)
- 5 POWER: Standby button: Switches the device on or into standby mode
- Operating light: Lights up red when the device is in standby mode.
 Lights up blue when the device is switched on.
 Infrared sensor: Reception field for the infrared signals from the remote control.
- 7 LCD screen

Rear

- 8 VIDEO L-R (AV IN): Audio/video input (RCA)
- USB 5V === max. 500mA: USB connection for connecting an external storage medium for playing back media / PVR recording
- 10 HDMI ARC/CEC: HDMI connection for devices with HDMI output
- 11 RF: Aerial connection (DVB-T/analogue)
- 12 SPDIF COAX OUT: Digital audio output (coaxial)
- YPbPr: YPbPr components input (RCA)
- 14 **PC**: Connection for connecting a PC
- 15 **PC AUDIO IN**: Audio connection for PC sound playback
- 16 EARPHONE OUT: For connecting headphones with a 3.5 mm jack plug
- POWER DC 12V === 3A: Connector for mains adapter or for car adaptor
- 18 DVD player
- 19 Fixing holes for a wall bracket

Remote control

- 20 **常**: Mute
- **ASPECT**: Change image format

PROGRAM: DVD: program playlist of the DVD player

- 22 Number buttons: TV: select channel / Videotext: select page
- ♀

 Set previous TV programme
- 24 **SOURCE**: Select input signal of connected devices
- **Direction buttons:**
 - ▲: Move up in menu / Videotext: select the next page.
 - ▼: Move down in menu / Videotext: select the previous page.
 - ◆: Move left in menu / Videotext: call up subpages.
 - : Move right in menu / Videotext: call up subpages.
- 26 INFO: For displaying information, such as current programme number and image format
- **EPG**: Digital magazine for television programmes and radio programmes (depending on broadcaster) **A-B**: Media browser: repeat A-B / DVD: set Repeat A-B
- 28 **VOL+/-**: Increase (+) or decrease (-) volume.
- 29 **USB**: Open media browser
- Colour buttons / Buttons for operating the media browser/DVD player/PVR recording:

 - ▶ II : Start/pause playback
 - >: Fast forward: GREEN: Intended for use in certain menus
 - M: Previous title; YELLOW: Intended for use in certain menus
 - ■: Stop playback
 - >>: Next title; **BLUE**: Intended for use in certain menus
 - **≜**: DVD: Eject button
- LIST: Open channel list

SEARCH: DVD: for selecting a desired section on a DVD

REPEAT: Select the repeat play mode in USB mode

T-SHIFT: Start/stop timeshift recording. This function is only available in DTV mode and with connected USB flash memory

33 SETUP: DVD: open the menu

REC: Start PVR recording

AUDIO: DVD: Set stereo/mono sound format

∞I/II: DTV: Select the sound type

35 Y: Call up favourites list

ANGLE: DVD: select camera position (viewing angle) in the DVD playback

- 36 **SUBTITLE**: DTV/media browser: subtitle function / DVD: subtitle function for the DVD player
- 37 **CH+/-**: Programme selection buttons
- 38 **EXIT**: Exiting the menu
- 39 ENTER: Confirm selection in certain menus. Also used to open the channel list
- 40 MENU: Open and close menu
- PICTURE: Select picture mode

SLOW: DVD: slow motion function for DVD player

SOUND: Select sound mode

ZOOM: DVD: zoom function for the DVD player



43 : POWER: i.e. switch Full HD LED LCD TV on/off (switch standby mode on/off).

Operation

Unpacking

- Select a suitable place for setting up the device.
- 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; always use this box to transport the television.



DANGER!

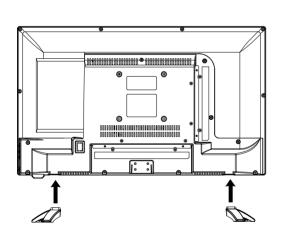
Risk of suffocation!

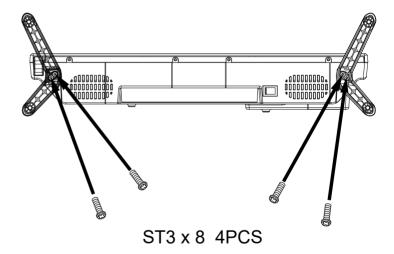
Packaging film can be swallowed or used improperly. Therefore, there is a risk of suffocation!

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

Installation

Attach the stand as shown in the illustration. Carry out this step before connecting up the Full HD LED LCD TV.





- Place a soft cushioned material on top of a flat surface to prevent damaging the screen panel. Then place the Full HD LED LCD TV flat on top, with the screen side facing down, as illustrated.
- Align the screw holes on the stands and the bottom of the Full HD LED LCD TV, as illustrated with arrows. Tighten the screws (supplied) with a screwdriver to affix the stands to the panel.

NOTICE!

Risk of damage!

Do not apply excessive force as this may damage the screw holes.

Inserting the batteries in the remote control

- Remove the battery compartment cover on the back of the remote control.
- Insert two 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.

NOTICE!

Risk of damage!

Remove the batteries from the remote control if the device is not going to be used for a long period. The remote control could be damaged by leaking batteries.

Connecting the antenna

Your Full HD LED LCD TV supports different antenna signals. You can input the following image signals to the television through the connection labelled **RF** 11:

- via analogue cable / an analogue house antenna,
- via a DVB-T¹ antenna or
- via a DVB-C* connection
- Insert the antenna cable either from the house antenna /analogue cable connection, a DVB-T antenna or the DVB-C connection into the antenna connection on the Full HD LED LCD TV.

Connecting the mains adapter

- Insert the jack plug on the supplied mains adapter into the POWER DC IN socket **1** on the device.
- Connect the mains plug on the device to an easily accessible 100 240 V ~ 50 Hz mains socket.

NOTICE!

Risk of damage!

Using a different mains adapter may damage the device.

Only use the supplied mains adapter.

Switching the Full HD LED LCD TV on and off

- The device will be in standby mode as soon as you have connected the mains plug with the mains socket.
- In order to switch on the device, press
 - on the remote control: the Standby/On button \bigcirc 43:
 - on the device: the **POWER** button **5**.
- You can switch the device back into standby mode using the Standby/On button () on the remote control (or the **POWER** button on the device). Although the device has been switched off, it will continue to consume electricity.



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

Use of the multimedia connections

NOTICE!

Risk of damage!

Incorrect operation can lead to damage to the equipment used.

- Before wiring and use, also read the operating instructions of the devices you are connecting.

NOTICE!

Risk of damage!

If plugs and sockets are connected incorrectly it can cause damage to the contacts.

 Ensure that the plugs and corresponding sockets 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 RCA jacks in which one carries the video signal (yellow) and two carry the stereo audio signal (red/white). Use a commercially available AV cable.

- Connect the AV inputs and outputs of the equipment with an AV cable.
- If any of the connected devices have AV connections to mini jack, please use an appropriate AV adapter (3x RCA > mini jack) (optional).

YPbPr

YPbPr transmission (component) works via five RCA connections in which three jacks carry the video signal (red/blue/green) and the remaining two jacks carry the stereo audio signal (red/white). Use a commercially available YPbPr cable.

- Connect the YPbPr inputs and outputs of the equipment with a YPbPr cable.
- If any of the connected devices have YPbPr connections to mini jack, please use an appropriate YPbPr adapter (5x RCA > mini jack) (optional).

HDMI

HDMI (high definition multimedia interface) is an interface for digital video and audio transmission. It has the highest quality of transmission and can also play Ultra HD resolution (from version 2.0). Use a commercially available HDMI cable.

- Connect the corresponding HDMI ports of the devices used with an HDMI cable.

USB

A USB port can be used to connect and read storage media such as USB sticks or external hard drives. Use a suitable USB cable. If a suitable USB cable is included in delivery, you should use this (e.g. for hard drives).

Connect the corresponding USB ports of the devices used with a USB cable. Whenever possible, do not use a
USB extension cord as this can 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. Usually, the digital audio signal is output via a coaxial (RCA) or an optical connection. Use a suitable, commercially available cable.

- Connect the SPDIF ports of the devices used with a corresponding SPDIF cable.

VGA (PC)

Using the VGA port, you can connect a PC with a monitor/TV set to transmit the video signal. Use a commercially available VGA cable.

- Connect the VGA ports of the devices used with a VGA cable.

VGA audio (PC AUDIO IN)

If you have connected a PC to a monitor/TV via the VGA port, the VGA audio connection also allows audio transmission. Use a commercially available stereo mini jack cable.

- Connect the VGA audio ports of the devices used with a stereo mini jack cable.

Headphone out

The headphone socket is used for connecting a pair of headphones with a stereo mini jack connection.

- Connect the headphones to the stereo mini jack of the device. On some devices, this will mute the speakers.
- Otherwise, you should perform all necessary settings in the sound menu to coordinate the speaker and headphone signals.



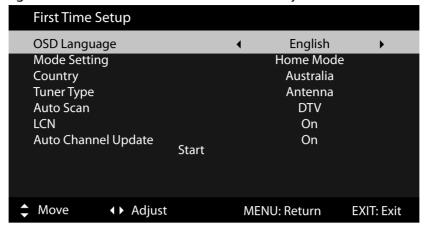
Risk of hearing damage!

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 after switching on for the first time

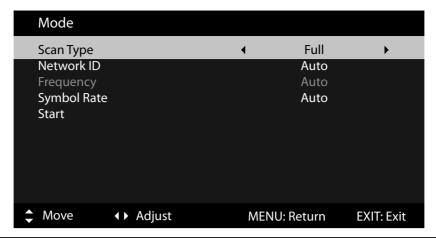
You will be guided through the **FIRST TIME INSTALLATION** menu after you switch the device on for the first time.



Menu Item	Setting		
OSD LANGUAGE	Use the direction buttons to select the OSD language.		
MODE SETTING	Use the direction buttons to select the mode setting (HOME MODE or STORE MODE)		
COUNTRY	Use the direction buttons to select the country.		
TUNER TYPE	Use the direction buttons to select the connection type (ANTENNA or CABLE).		
AUTO SCAN	Use the direction buttons to select the reception type:		
	DTV+ATV (search for digital and analogue TV channels);		
	ATV (search for analogue TV channels);		
	DTV (search for digital TV channels)		
LCN	Logical Channel Numbering: Select the setting ON if you want to order the channels based on a preset channel list (if available).		
AUTO CHANNEL UPDATE	If this function is set to ON , available channels will be searched for when the TV 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.		

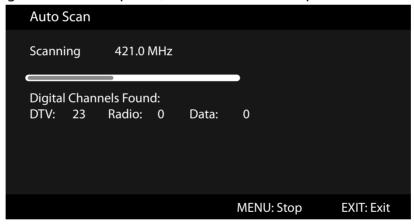
Once all of the settings have been completed, select START and then press ENTER 39. If you have selected the option ANTENNA under TUNER TYPE, the channel search function will then start.
 If you have selected the reception type CABLE, you can now enter additional settings.

Cable



Menu Item	Setting
SCAN TYPE	Set the search mode. Leave the setting on QUICK or FULL if you do not want to make any special settings. Select ADVANCED if additional settings are necessary.
NETWORK ID	Set the network ID. The standard setting is AUTO .
FREQUENCY	Set the frequency. The standard setting is AUTO . Only active if the option ADVANCED has been selected in search mode.
SYMBOL RATE	Set the symbol rate.

- Once all of the settings have been completed, select **START** and then press **ENTER** 39.



The device will now search for the different types of channels in sequence. Wait for it to finish. You can quit the search process prematurely with the **EXIT** 38 or **MENU** 40 buttons.



The first installation described here corresponds to the option **FIRST TIME SETUP** in the menu **SETUP**.

Operation

Selecting channels

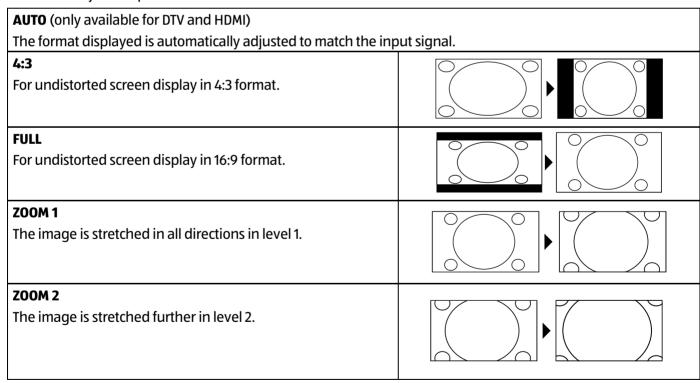
- To select a channel, either press the CH + / buttons on the device 2 or on the remote control 3 or select the channel directly by pressing the appropriate number 22.
 For a two or three-figure number, press the numbers one after another.
- Press the Ç⊅ button ② to select the last channel played.

Setting the volume

- You can increase or decrease the volume by pressing the volume buttons **VOL -/+** on the remote control and or on the device.
- Press the mute button ♥ 20 to switch the volume fully off and on again.
- Use the **AUDIO / OI**/II button **I** to select from the available audio languages (audio channels). If the current programme supports DUAL mode (e.g. for dual language programmes), you can select DUAL mode.
- Use the SOUND button to switch between the following sound modes: STANDARD, MUSIC, MOVIE, PERSONAL. The PERSONAL setting is defined in the SOUND > SOUND MODE menu.

Picture settings

- Use the PICTURE button 4 to switch between the following sound modes: DYNAMIC, STANDARD, MILD, PER-SONAL. The PERSONAL setting is defined in the PICTURE > PICTURE MODE menu.
- Depending on the programme, the pictures are transmitted in the formats 4:3 or 16:9. Use the **ASPECT** button
 to adjust the picture format:



- You can also change the image format in the menu **PICTURE > ASPECT RATIO**.



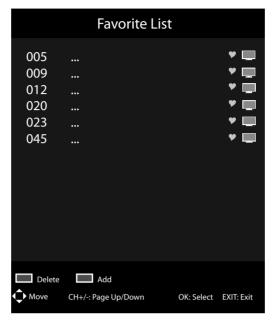
Please note that not all image formats are available depending on the chosen image source.

Displaying channel information

- Press the **INFO** button **26** to show information about the current channel.
- You can scroll through the programme information using the direction buttons ▲ ▼.

Opening a favourites list

- While viewing a channel, press the ♥ button ③ on the remote control to enter the FAVOURITES LIST menu.



- press **ENTER** 39 to watch it
- You can move within the list in steps of 12 using the CH + / buttons 3.
- To add a channel to Favourites list:
- Open the OSD menu by pressing the **MENU** button 40. Navigate to **CHANNEL > FAVOURITE MANAGER** and click **ENTER**.
- Press the corresponding colour button 30 to add channels to FAVOURITELIST 1/2/3/4 respectively.

Selecting the source

- Use the **SOURCE** button (on the remote control 24 or on the device 3) to call up the list of sources.

DTV: Digital TV operation (digital cable connection, DVB-T, DVB-T2 HD)

ATV: Analogue TV operation (analogue cable connection)

AV: Audio/Video input on the side of the device via an adapter (AV)

YPBPR: Device on the YPBPR input via an adapter (YUV)

HDMI: HDMI input

VGA: Device on PC input **USB**: Media player

DVD: Integrated DVD player

- Use the direction buttons ▼ ▲ ②5 to go to the desired source.
- Confirm your selection with the ENTER button 39.

Navigating within the menu

- Press the MENU button 40 to activate the OSD. The available options are displayed on the lower edge of the screen.
- You can use the direction buttons ▼ ▲ ②5 to select the options from the main menu.
- You can use the direction buttons ▼ ▲ to select the options from a menu.
- Use the direction buttons ▶ to access a submenu (not every menu has a submenu option).
- Use the direction buttons ◆ ➤ ▲ ②5 to enter a value or make another selection.
- The **MENU** button returns you to the previous menu at any time.
- Close the menu with the **EXIT** button 38.

Please note that the menu will close automatically if no button is pressed.

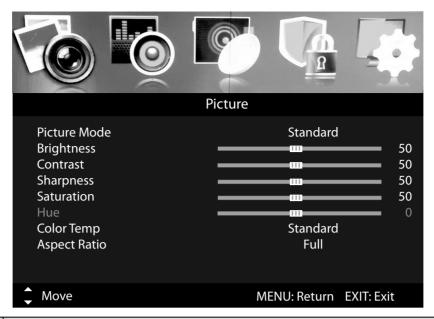
You can select the following main menus:

- PICTURE menu
- SOUND menu
- CHANNEL menu
- LOCK SYSTEM menu
- SETUP menu



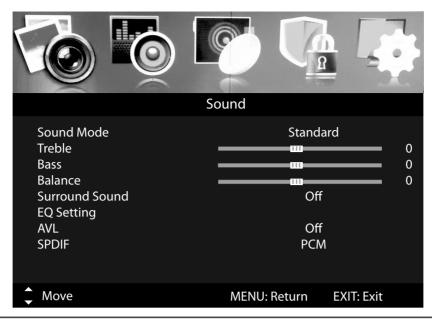
Due to technical changes, the menus described here may differ from the menus actually displayed on the screen. Depending on the selected source, not all menus are available.

Picture menu



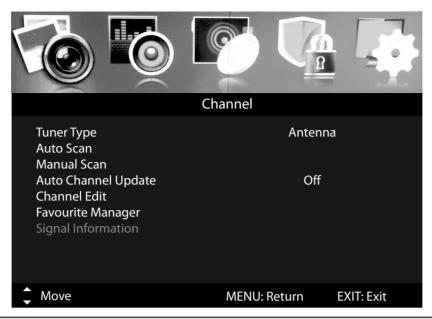
Menu Item	Setting		
PICTURE MODE	Select the picture mode: STANDARD , MILD , PERSONAL , DYNAMIC . This function corresponds to the PICTURE button 41.		
BRIGHTNESS	Increase or d	lecrease brightness (on a scale of 0 – 100).	
CONTRAST	Increase or d	lecrease contrast (on a scale of 0 – 100).	
SHARPNESS	Increase or d	lecrease sharpness (on a scale of 0 – 100).	
SATURATION	Increase or d	lecrease colour (on a scale of 0 – 100).	
HUE	Hue settings	only available for NTSC reception.	
COLOURTEMP	Select the colour temperature: STANDARD , COOL and WARM .		
ASPECT RATIO	Set the picture format here.		
	This function corresponds to the ASPECT button 21.		
SCREEN MODE	If you are using an HDMI input, you can change the settings for the HDMI mode here: AUTO , VIDEO or PC .		
	This setting is only available in HDMI mode.		
ADVANCED	NR This function reduces picture noise and improves image quality when the		
SETTINGS	signal is weak. Select from OFF , WEAK , MEDIUM and STRONG .		
	DYNAMIC Choose the setting for the dynamic contrast here: OFF, WEAK, MEDIUM or		
	CONTRAST STRONG.		

Sound menu



Menu Item	Setting				
SOUND MODE	Select the audio mode: STANDARD , MOVIE , MUSIC , PERSONAL . This function corresponds to the SOUND button 42 .				
TREBLE	Increase or d	ecrease treble (on a scale of -50 – 50).			
BASS	Increase or d	ecrease bass (on a scale of -50 – 50).			
BALANCE	Set the balan	ce between the left and right speakers.			
SURROUND SOUND	Activate/dea	ctivate the surround sound effect.			
EQ SETTING	EQ MODE	Select here the presets for the equaliser, which you can subsequently individually adjust based on a 7-band filter: ROCK, POP, JAZZ, USER, OFF.			
		In the OFF setting, it is not possible to adjust the filter settings.			
	120 HZ	Increase or decrease the frequency range by 120 Hz (on a scale of -50 to 50).			
		Increase or decrease the frequency range by 300 Hz (on a scale of -50 to 50).			
	500 HZ	Increase or decrease the frequency range by 500 Hz (on a scale of -50 to 50).			
	1.2 KHZ	1.2 KHZ Increase or decrease the frequency range by 1.2 kHz (on a scale of -50 to 50).			
	3.0 KHZ	3.0 KHZ Increase or decrease the frequency range by 3.0 kHz (on a scale of -50 to 50).			
	7.5 KHZ	7.5 KHZ Increase or decrease the frequency range by 7.5 kHz (on a scale of -50 to 50).			
	10 KHZ	Increase or decrease the frequency range by 10 kHz (on a scale of -50 to 50).			
AVL	The AVL (Automatic Volume Limiting) function compensates for the various volumes of the different channels. If you set it to OFF , you will hear the original volumes. If you set it to ON , you will hear a uniform volume.				
SPDIF	Set the SPDIF mode.				
AUDIO DESCRIPTION	Activate/deactivate audio description and set the volume. Only available in DTV mode. Support for this function is dependent on the programme.				
SOUND TYPE	The default setting is STEREO . If the current programme supports DUAL mode (e.g. for dual language programmes), you can also select here between DUAL I and DUAL II (original language and synchronisation). In the MIXED setting, both dual sound channels will be played back at the same time.				

Channel menu



Menu Item	Setting			
TUNER TYPE	Use the direction buttons to select the connection type (ANTENNA or CABLE).			
AUTO SCAN	COUNTRY Select the desired country for the channel search.			
	MODE	Select the reception type:		
		DTV+ATV (search for digital and analogue TV channels);		
		ATV (search for analogue TV channels);		
		DTV (search for digital TV channels)		
		After you have made all the settings, press ENTER 39 . Confirm the following query with ENTER if you want to start the search. Select EXIT if you want to stop the process.		
	SCAN TYPE (only DVB-C)	Set the search mode. Leave the setting on FAST if you do not want to make any special settings. Select the settings ADVANCED or FULL if you want to make further settings.		
	NETWORK ID (only DVB-C)	Set the network ID. The default setting is AUTO (only for search modes AD-VANCED or FULL).		
	FREQUENCY	Set the frequency. The standard setting is AUTO .		
(only DVB-C)		Only active if the option ADVANCED has been selected in search mode.		
	SYMBOL RATE (only in DVB-C mode)	Set the symbol rate (only for search modes ADVANCED or FULL).		
	Once all of the sett	Once all of the settings have been completed, select START and then press ENTER .		
MANUAL SCAN (only for	You can program individual channels in DTV mode manually here if the input signal is received via the antenna.			
DVB-T, DVB-C and ATV)	If you have selected the ANTENNA setting under TUNER TYPE , the following setting options are available under DIGITAL MANUAL SCAN :			
	DIGITAL SCAN Select the channel here that you want to change.			
	START	Choose START and press the ENTER button to start the search.		
	FREQUENCY	Display the frequency for the current channel		
	STRENGTH	The strength of the signal is displayed.		
	If you have selected the CABLE setting under TUNER TYPE , the following setting options are available under DIGITAL MANUAL SCAN :			

Menu Item	Setting			
	NETWORK ID	Set the network ID. The standard setting is AUTO .		
	FREQUENCY	Set the search frequency with the number buttons on the remote control.		
	SYMBOL RATE	Set the symbol rate.		
	MODULATION	DDULATION Set the modulation.		
	START	Choose START and press the ENTER button to start the search.		
	STRENGTH	The strength of the signal is displayed.		
	The following setting	ng options are available under ANALOG MANUAL SCAN :		
	ANALOG SCAN	Display the frequency for the current channel		
	CHANNEL TO SAVE	Select the channel here that you want to change.		
	COLOUR SYSTEM	PAL, SECAM, AUTO.		
	SOUND SYSTEM	BG, DK, I, L.		
	AFC	Set the automatic frequency control setting to ON if you always want this function to be active.		
		ngs have been completed, select START and then press ENTER .		
AUTO CHAN- NEL UPDATE (only for DVB-T and DVB-C)	If this function is set to ON , available channels will be searched for when the TV 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.			
CHANNEL EDIT	You will see the currently saved channels here. You can make the following settings for each channel.			
	DELETE			
	Select the channel is then deleted.	that you want to delete and press the red button 30. The selected channel		
	SKIP			
	Select the channel that you want to skip when scrolling through the channels using the P+/- buttons and then press the green button 30.			
	The channel can still be selected with the number buttons or via the channel list.			
	MOVE			
	Select the channel and press the blue button 30. Use the $ ightharpoonup$ buttons to move the channel to the desired position and press the blue button again. The other channels will be rearranged accordingly.			
FAVOURITE MANAGER	Navigate through your favourite lists and add/remove channels by pressing the corresponding colour button 30.			
SIGNAL	The signal information about the currently set channel will be displayed here.			
INFORMATION		This option is only available in DTV mode.		

Lock System menu



Menu Item	Setting		
ENTER PASSWORD	You can unlock all of the following options for locking the system with this password. Enter a password for this purpose. In the factory settings: 0000 .		
	Note down the new password. It is not reset when you restore the factory settings. If you forget the password, enter the master password 4711.		
ENABLE	Activate/deactivate the lock function.		
CHANNEL LOCKS	Define here which channels should be locked.		
PARENTAL	Here you can select the age.		
RATING	This option is only available in DTV mode.		
LOCK KEYPAD	You can switch the key lock for the operating elements on the LCD TV on or off here. The LCD TV can then only be operated via the remote control.		
NEW PASSWORD	Enter a new 4-digit password. The following option CONFIRM PASSWORD will then appear. Now enter the new password again. The message PASSWORD MODIFIED indicates that the new password has been saved.		
CLEAR LOCK	Deactivate the lock function.		
HOTEL MODE	In hotel mode, you can make various settings which restrict the functionality and operation of the device.		

Setup menu



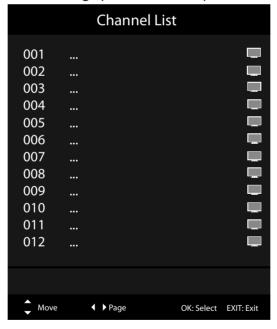
Menu Item	Setting				
OSD LANGUAGE	Select the OSD menu language. It changes immediately.				
AUDIO LANGUAGES	If the current programme is transmitted in multiple languages, you can set your preferred language here. This language will then be played back. You can enter settings for two languages (AUDIO PRIMARY LANGUAGE, AUDIO SECONDARY LANGUAGE).				
SUBTITLE	MODE	Activate/deactivate the subtitle function			
	If the current programme is transmitted with subtitle languages, you can set your preferred language here. This language will then be played back. You can enter settings for two languages (SUBTITLE PRIMARY LANGUAGE, SUBTITLE SECONDARY LANGUAGE).				
	SUBTITLE PRIMARY LANGUAGE	Set the primary subtitle language.			
	SUBTITLE SECOND- ARY LANGUAGE	Set the Secondary Subtitle language.			
	HEARING IMPARED	If the channel transmits special audio signals for the hearing impaired, you can change the setting to ON to receive these signals.			
		This option is only available in DTV mode.			
TELETEXT	DIGITAL TELETEXT LANGUAGE	Select the language here for the subtitles in the DTV programme. Support for this function is dependent on the programme.			
	DECODING PAGE LANGUAGE	Select the language here for the subtitles in the ATV programme. Support for this function is dependent on the programme.			
BLUE SCREEN	If the Full HD LED LCD TV is not receiving a signal the screen will turn blue rather than show				
	"snow" or a black background.				
MODE SETTING	Use the direction buttons to select the mode setting (HOME MODE or STORE MODE)				

Menu Item	Setting			
TIME SETTINGS	OSD TIMER	You can set the time here after which the OSD menu will close automatically.		
	SLEEP TIMER	Select a time after which the device will switch off automatically.		
		Select OFF to deactivate this function.		
	AUTO SLEEP	Set a time here after which the Full HD LED LCD TV will switch off automatically if no operations are carried out on the operating panel or the remote control within the defined period of time.		
		This function serv	ves to protect the environment.	
	TIME ZONE	You can set the ti	•	
		This option is only	y available in DTV mode.	
	TIME	SYNC , you can no	If you have selected the OFF setting under AUTO www set the date and date. It is not possible to set the ting has been selected.	
HDMI CEC	HDMI CEC CONTROL		te HDMI CEC Control (Consumer Electronic Control).	
CONTROL	ARC	output to connec	te the Audio Return Channel for the digital audio t an amplifier with ARC function. The TV audio signal d via HDMI1 connection to the amplifier.	
	CEC MENU CONTROL	HOME MENU	Display the Home menu of the connected CEC device.	
		OPTION	Display the Option menu of the connected CEC device.	
		CONTENT	Display the Content menu of the connected CEC device.	
	DEVICE LIST	The connected CEC devices are listed here. To update the list select RE-SET and press ENTER 39.		
PVR SETTINGS (only with connected USB memory medium)	FILE MANAGER	Call up the file manager to manage the PVR recordings. All of your recordings are listed here and can be viewed in a preview window. The following options are available via the colour buttons: Red button 30: The selected recording is repeated.		
medianty		Green button 30 : The selected recording is deleted. Answer the subsequent security question with YES to delete the recording or NO to cancel deletion.		
		Yellow button 30: All recordings are deleted. Answer the subsequent security question with YES to delete all recordings or NO to cancel deletion.		
		Blue button Switches between preview to full screen and back again.		
	DEVICE LIST	Open the list of all connected USB storage media. You can use the red button to format the highlighted USB storage medium. Answer the subsequent security question with YES to format the medium or NO to cancel formatting.		

Menu Item	Setting			
	SCHEDULED RECORD	Call up the list of all scheduled recordings. You can programme a maximum of 16 recordings. To programme a PVR recording, select one of the items with the direction buttons • • 25 and then press ENTER. The following options appear: FREQUENCY You can activate programming here. Check whether		
		PREQUENCT	the recording is to be made ONCE , DAILY or WEEKLY . The setting OFF deactivates the programming function and the following options cannot be edited.	
		CHANNEL	Select the required channel.	
		START TIME END TIME	Press the ENTER button to open the CALENDAR. Here you can specify the desired date (YEAR, MONTH and DAY). Then press ENTER to accept the input and return. The date is now shown un- der START TIME. Now use the direction buttons ◆ ▶ and the number buttons to set the exact time (hours/minutes). When entering the END TIME, proceed in the same way as for the START TIME. Then select SAVE	
		The recording will now be added to the list of planned recordings.		
FIRST TIME SETUP	You can access the menu for the initial installation here.			
RESET	Here you can reset the device to the factory settings.			

Channel list

Press the LIST or ENTER button during operation to call up the CHANNEL LIST.



The following options are available here:

Button	Function
25	You can use the ▲ buttons to move up/down through the channel list. You can move within the list in steps of 12 using the ▶ buttons.
ENTER 37	Press the ENTER button to switch to the currently selected channel.
EXIT 38	Press the EXIT button to leave the channel list.

PVR recording



Before starting a PVR recording, make sure that you have connected a USB storage medium to one of the USB sockets and that you have made all of the required settings under **SETUP** > **PVR SETTINGS**.

- In TV mode, press the button **REC** 33. Recording of the programme currently selected starts:
 - REC: Start the PVR recording
- **30**: Stop recording

The following options can only be selected when playing a recording through Media Player or **SETUP > PVR SET-TINGS > FILE MANAGER**:

- ▶ II : Pause playback
- **4 30** / **▶ 30**: Fast forward/rewind
- 14 30 / 15 Show previous/next recording
- To stop the current recording, press ■. Confirm the subsequent question by pressing YES. The recording will now be shown in the list of all recordings (FILE MANAGER).



You can call up the PVR recordings list under **SETUP > PVR SETTINGS > FILE MANAGER** in the OSD menu.

Timeshift recording function

You have the option to pause the current programme and then resume playing later.

- In TV mode, press the **T-SHIFT** button **32**. This pauses the current programme. Timeshift recording is now running in the background.
- Press the T-SHIFT button again and select > to resume the current programme at the corresponding later time because the timeshift recording is now being played. You can then select the following options:
 - II: Pause playback
 - ◄/»: Fast forward/rewind
 - ⋈/ओ: Track backward/forwards
- ■: Stop timeshift playback
- ► To stop the timeshift playback, press the **T-SHIFT** button and select ■.

Media Player

If you attach a USB storage medium to the Full HD LED LCD TV, you can play back photos, music, videos or text. The supported formats can be found in the technical data at the end of these instructions.

Information on using USB

- ▶ Certain types of USB devices (MP3 player) may not be compatible with this Full HD LED LCD 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 Full HD LED LCD TV itself.

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

Accessing the media player

- Connect the USB data medium to the USB port on the side of the device.
- Press the USB button on the remote control or press the SOURCE button (on the remote control or the device) and then use the ▲ ▼ buttons (25) to select the source USB.
- Confirm with **ENTER** 39.
- Alternatively, press the **USB** button **29** on the remote control to open the media player.

Main menu for the media player

After accessing the media player via USB as described above, you are taken to the main menu.

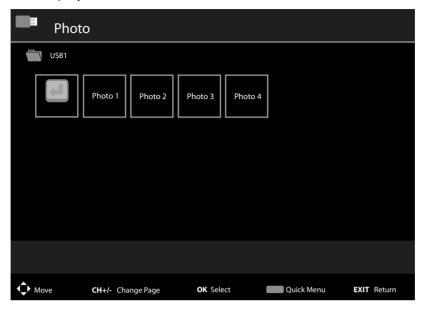
- The following selection options are available:
- PHOTO for playing back photos
- MUSIC for playing back music files
- MOVIE for playing back video files
- TEXT for playing back text files
- Use the ◆ ➤ buttons to select the corresponding menu and confirm with ENTER.
- Now select the source from which you want to play the file (e.g. USB stick or hard drive).

In the menu for the respective media **PHOTO**, **MUSIC**, **MOVIE**, **TEXT**, you can delete an object using the **red button** 30.

In order to exit the media player, press the **SOURCE** button on the remote control or the device and select a different source or press the **EXIT** button to the previously used source.

Displaying photos

If you select **PHOTO** from the main menu, a list of devices including all of the available USB data media or networks will firstly be displayed. Use the A value buttons to select the desired medium and press **ENTER**. The available image files will then be filtered and displayed on the screen.



- If there are several folders on the storage medium, use the ◆ ▶ ▲ ▼ buttons to firstly select the folder and open it with ENTER.
- Use the ◆ ▶ ▲ ▼ buttons to select the photo you want to display. Press **ENTER** to display the photo. All available image files will then be displayed in succession in a slideshow. The following options are available here:
- **SLIDESHOW/SINGLE VIEW** (Play/Pause) with **ENTER**: Start/pause the slideshow. Alternatively, you can also use the **>** II button for this purpose.
- **PREVIOUS/NEXT** with : Display previous/next image. Alternatively, you can also use the **II/N** buttons for this purpose.
- ROTATE with ▲ ▼: Rotates the selected image by 90 degrees clockwise/anticlockwise. This only works if you have previously interrupted the slideshow with ENTER or ▶ II.
- BACK with EXIT: The playback is interrupted and you will go back one step in the menu. In order to stop the slideshow, you can also use the button.
- Press the **EXIT** button to return to the previous menu.

Playing back music

If you select **MUSIC** from the main menu, a list of devices including all of the available USB data media or networks will firstly be displayed. Use the **A v** buttons to select the desired medium and press **ENTER**. The available music files will then be filtered and displayed on the screen.



- If there are several folders on the storage medium, use the ◆ ▶ ▲ ▼ buttons to firstly select the folder and open it with ENTER.
- Use the ◆ ▶ ▲ ▼ buttons to select the music track you want to play. Press ENTER to start the track. The following options are available here:
- PLAY/PAUSE ▶ / II : Start/pause playback of the music track
- PREVIOUS/NEXT M/N: Play back previous/next track
- **FB/FF €**/**>**: Fast rewind/forward
- **STOP** ■: Stop playback of the music track
- The media buttons on the remote control can also be used for playing back the files.
- The **CH**+/- buttons enable you to go from the track list to the audio player and back again.
- If the track list is open, you can scroll between the individual pages using the ◆ ▶ buttons.
- Press the **EXIT** button to return to the previous menu.

Playing back films

If you select **MOVIE** from the main menu, a list of devices including all of the available USB data media or networks will firstly be displayed. Use the A buttons to select the desired medium and press **ENTER**. The available video files will then be filtered and displayed on the screen.



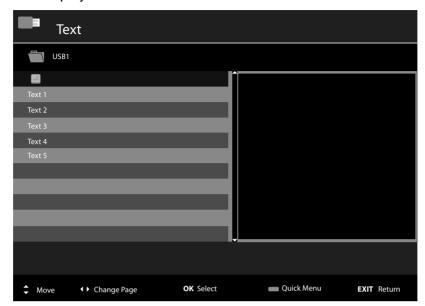
- If there are several folders on the storage medium, use the ◆ ▶ ▲ ▼ buttons to firstly select the folder and open it with ENTER.
- Use the ◆ ▶ ▲ ▼ buttons to select the video you want to play. Press ENTER to start the video.



- The following options are available here:
- PLAY/PAUSE > / II : Start/pause playback of the video
- PREVIOUS/NEXTMH: Play back previous/next video
- FB/FF ≪/→: Fast rewind/forward
- STOP ■: Stop playback of the video
- The media buttons on the remote control can also be used for playing back the files.
- If the video file list is open, you can scroll between the individual pages using the ◆ ▶ buttons.
- Press the **EXIT** button to return to the previous menu.

Displaying text files

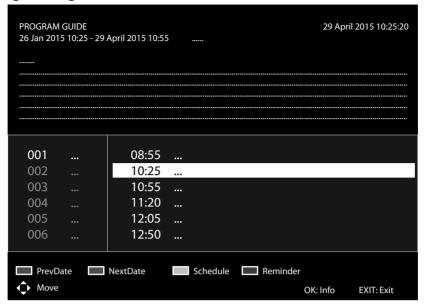
If you select **TEXT** from the main menu, a list of devices including all of the available USB data media or networks will firstly be displayed. Use the \checkmark buttons to select the desired medium and press **ENTER**. The available text files will then be filtered and displayed on the screen.



- If there are several folders on the storage medium, use the ◆ ▶ ▲ ▼ buttons to firstly select the folder and open it with ENTER.
- Use the ◆ ▶ ▲ ▼ buttons to select the desired text file. Press ENTER to display the text. The following options are available here:
- **PREVIOUS/NEXT** ◆ **>**: Scroll forwards/backwards through the pages
- **GOTO PAGE 0~9**: Jump to a certain page within a document. Use the number buttons to enter the page number.
- The media buttons on the remote control can also be used for playing back the files.
- If the video file list is open, you can scroll between the individual pages using the ◆ ▶ buttons.
- Press the **EXIT** button to return to the previous menu.

EPG - programme guide

Open the "electronic programme guide" with the **EPG** button 27.



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

- Use the ▲ ▼ buttons ②5 to select a programme.
- Go to the programme guide for the selected programme with > 25.
- Scroll through the programmes with ▲ ▼.
- Use the **EXIT** button **38** to exit the programme guide.



The programme information displayed is created by the broadcaster. If no programme information is displayed, this does not indicate a fault with your LCD TV.

The following Table shows the options for the **PROGRAM GUIDE**

Button	Item		Function		
Red but- ton 30	PREVDATE	Scroll to the view for the previous day. By pressing the button repeatedly, you can scroll back through several days (but not before the current day).			
Green but- ton 30	NEXTDATE		Scroll to the view for the next day. By pressing the button repeatedly, you can scroll forwards through several days.		
Yellow button 30	SCHEDULE	Shows the list of TV programmes that have been programmed using the reminder function. See the next section for programming a reminder.			
		You can de	lete the TV programme from the time plan using the red button .		
Blue but- ton 30	REMINDER	Adds a reminder for the selected TV programme in the timer list. A menu appears with the following options that you can amend:			
		MODE You can activate the programming for the timer function here. Decide whether the timer issues a reminder ONCE, DAILY or WEEKLY. If the OFF setting has been selected, the timer function is deactivated and the following options cannot be changed.			
		CHANNEL	Select the desired channel here.		
		The CALENDAR will open after you have pressed the ENTER button. You can set the desired date here (YEAR, MONTH and DAY). Then press ENTER to accept your entry and return to the previous menu. The date will now be displayed under START TIME. Now use the direction buttons ◆ ➤ and the number buttons to enter the precise time (hours/ minutes). Then select SAVE.			
		This reminder has now been added to the timer list, which you can call up using the yellow button (SCHEDULE). As soon as the programmed time has been reached, the device will automatically switch to the relevant programme.			
♦ ♦ ▼ 25	MOVE	You move through the programme guide using the direction buttons.			
ENTER 39	INFO	Displays a detailed description of the marked programme (if available). Use the direction buttons ◆ ▶ to scroll through the individual pages of the description. Press the ENTER button again to hide the description.			
EXIT 38	EXIT	Press this button to exit the programme guide. Alternatively, you can also press the EPG button again.			

DVD mode

The DVD mode allows you to control the integrated DVD player.

Switching between TV and DVD modes

- ▶ Press the **SOURCE** button ② on the remote control or on the device) to call up the source selection list.
- ▶ Confirm your selection with the **ENTER** button **39**.
- If you want to return to TV mode, repeat this procedure and instead of selecting **DVD**, select **ATV** or **DTV** depending on the antenna signal received.

Inserting a DVD



The integrated DVD player only supports media with a diameter of 12 cm. To avoid damage to discs, do not insert media with larger or smaller diameters into the DVD slot.

The DVD must be inserted with the label side facing to the rear (rear side of the Full HD LED LCD TV). The DVD can be inserted in any source mode, but it won't be initiated untill source input **DVD** is selected.

Insert the DVD into the DVD slot with the label side facing to the rear. If the device is set to DVD mode, the DVD will be automatically recognised and retracted. **LOAD** followed by **PLAY** will appear on the screen. Normally, playback will start automatically.



In some cases you may need to initiate play manually. To do this, press the II button 30.

Button functions

Special screen message



If you select a function which does not start or cannot be accessed in the current mode, the 'not-valid' symbol shown here will appear on the screen. The symbol disappears after a few seconds.

Playback

▶ Press the ▶ II button to start/pause playback. To resume playback, press the ▶ II button once again.

Stop

- ▶ Press 30 once to stop playback. In this mode, you can resume playback at the same point by pressing ▶.
- ▶ Press once more to finally stop the DVD. The device is now in stop mode.

Skip

▶ Press the In or ▶ button ③ during playback to skip backward or forward (with DVDs: from chapter to chapter; otherwise, from track to track).



Please note that on many DVDs it is not possible to pass over the titles/chapters before the actual film starts (licence notes).

Fast forward/rewind

Press the or → button or button or during playback to start fast forward/rewind. Repeated pressing allows you to increase the speed: 2x > 4x > 8x > 16x > 32x. By pressing the button once more or by pressing or , you can return to the normal play speed.

SEARCH

The **SEARCH** button allows you to go directly to a chapter, track or time. You change the selection each time the button is pressed. Playback starts at the selected spot.

▶ You can also enter a track directly using the number buttons (without pressing **SEARCH** first). Playback starts from the selected spot.

DVD

- ▶ Press **SEARCH** once: enter a desired chapter within the title.
- Press SEARCH twice: enter the desired time within the title in the format H:MM:SS.
- ▶ Press **SEARCH** three times: enter the desired time within the chapter in the format H:MM:SS.

Audio CD/VCD

- ▶ Press **SEARCH** once: **DISC GO TO** enter the desired time on the CD in the format MM:SS.
- ▶ Press **SEARCH** twice: **TRACK GO TO** enter the desired time within the track in the format MM:SS.
- Press SEARCH three times: SELECT TRACK enter the number of the desired track.
- You can also enter the number of the track directly (without using the **GOTO** button).

MP3/WMA

- ▶ Press **SEARCH** once: enter the desired track (three digits; enter a preceding "0" or "00" if necessary).
- You can also enter the number of the track directly (without using the **SEARCH** button).
- ▶ Press **SEARCH** twice: enter the desired time within the track in the format MM:SS.

Xvid

- Press SEARCH once: Enter the desired title.
- Press SEARCH twice: Enter the desired time within the title.

AUDIO

▶ Press **AUDIO** to set the stereo/mono sound format: **STEREO**, **MONO LEFT**, **MONO RIGHT**, **MIX-MONO**.

REPEAT

Press the **REPEAT** 22 during playback. The repeat symbol and, with each press of the button, the section to be repeated will appear on the screen (the entry disappears after a few seconds):

DVD: CHAPTER > TITLE > ALL

Audio CD: TITLE > ALL

MP3/WMA/VCD: PLAYBACK: 1 TITLE > REPEAT TITLE > REPEAT FOLDER > PLAYBACK: 1 FOLDER

SLOW (slow motion function)

The **SLOW** button 41 allows you to activate the slow motion function.

- ▶ Press **SLOW** once for two times slower playback (1/2).
- ▶ Press **SLOW** twice for four times slower playback (1/4).
- ▶ Press **SLOW** three times for eight times slower playback (1/8).
- Press SLOW four times for sixteen times slower playback (1/16).

PROGRAM (playback sequence)

The programming function allows you to play up to 20 chapters (DVD) or tracks (audio) in a sequence defined by you.

Programming is not possible with MP3 media.

You program the sequence as follows:

- ▶ Press the red button **PROGRAM** ②1. A table showing the available programme positions appears on the screen. The number of titles appears in the table header.
- Use the number buttons on the remote control to enter the desired title (TT) for programme position **01**. In the case of single-digit numbers, please enter a preceding **0**.
- For DVDs, you can now likewise enter the desired chapter (CH).

The cursor jumps to programme position **02**.

Enter additional programme positions in the same way.

Start list

- As soon as the first programme position has been entered, "Start" appears at the bottom of the menu.
- Use the arrow keys to move the cursor to "Start" and press ENTER 39. The programmed list starts to play. You can use the red button PROGRAM to call up the list again.
- ▶ Press **STOP** 30 twice during playback to delete the list.

A-B (Repeat A-B)

Repeat A-B allows you to define and repeat the start and end of a desired scene:

- ▶ Press the blue button **A-B 1** to define the start point A for repeating a particular section. " **A**" is displayed on the screen.
- ▶ Press the blue button **A-B** once again to define the end point B. "◆ **AB**" is displayed on the screen. The section between points A and B is now repeated in a loop.
- ▶ Press the **A-B** button a third time to disable the Repeat AB function.

Calling up DVD menus

To call up the menus stored on the DVD, you use the **SETUP** button 33.

In general, the **SETUP** button calls up the main menu. You navigate through the items in the DVD menus using the arrow keys. Confirm each selection by pressing **ENTER**.



Please note that the precise functions available in each menu depend on the DVD.

Navigating MP3 and JPEG data media

The music tracks and images on MP3 and JPEG data media may be organised into folders just like on other data media.

- Insert the data medium containing the MP3 or JPEG files into the player. A menu appears on the screen showing the top-level directory structure.
 - If the data medium contains folders, they will be listed one beneath the other.
 - An MP3 track is displayed with an MP3 symbol.
 - The active folder or file is highlighted in orange. The total number of tracks in the folder is given in the top line.
- ► To listen to a track or view an image, select it and confirm by pressing ► II (PLAY) ⑤ or ENTER.

JPEG images

With JPEG images you will see a preview of the image on the right-hand side of the menu.

- ▶ Select an image and confirm with **ENTER** to view the larger image. All of the images within the active folder will be displayed in succession after the selected image ("slide show").
- ▶ If you click the arrow buttons ◆ ▶ during playback, you will rotate the image.

Please note that it may not be possible to display extremely large images.

SETUP menu in DVD mode

- ▶ Press the **SETUP** button **③** in DVD mode. The main page of the SETUP menu appears on the screen. The following menus are active in DVD mode:
 - GENERAL SETUP PAGE
 - AUDIO SETUP PAGE
 - PREFERENCE PAGE

Navigating in the menus

- Use ▲ ▼ 25 to select between the menus. The active menu is highlighted in orange. Use ◆ ▶ 25 to select the menu options; the selection options will be shown on the right-hand side. The active setting is highlighted in brown.
- To change a setting, use → to go to the right-hand side and then select a different option using ◆ → . Press ENTER to confirm.
- ▶ Use • to get to the higher-level menu selection.
- ▶ Press **D.SETUP** to leave the setup menu at any point.

Menu: General Setup Page

TV DISPLAY

Here you set the device's display format to match that of the television.

4:3 PAN SCAN: Selection for televisions with a 4:3 format. The pan scan format displays 16:9 film formats in full height; the side sections of the image are cut off.

4:3 LETTER BOX: Selection for televisions with a 4:3 format. The letterbox format reduces the 16:9 film format to the size of the screen.

WIDE: Selection for televisions with 16:9 format.

OSD LANG

This sets the OSD (on-screen display) language, i.e. the language for the device menus.

Once you select a language the menu changes immediately.

SCREEN SAVER

If the screen saver is activated (**DEFAULT**), a screen saver will appear if no buttons are pressed for 3 minutes (but not during playback).

LAST MEMORY

With this function, the DVD player remembers where the last DVD was at when it was stopped. If you insert the same DVD into the device again, playback will resume from the last position. The last position on the DVD will be remembered even if the device is switched off.

Menu: Audio Setup Page

Select the **AUDIO SETUP PAGE** menu option to set the sound mode.

SPEAKER SETUP

Downmix

If you use the analogue output you can change the loudspeaker settings from this menu.

- LT/RT: Select this setting if you want to choose only the right or the left output channel.
- **STEREO:** This option produces stereo sound. Choose this setting if the sound is played through two speakers only.

-- Audio Setup Page -Speaker Setup Dual Mono

DUAL MONO

Here you can chose a dual mono setting (STEREO, L-MONO, R-MONO or MIX-MONO).



Menu: Preference Page

TV TYPE

Select the colour standard of your television here:

PAL: Usual colour format for many European countries.

MULTI: Automatic format setting.

NTSC: Usual colour format for North America.

AUDIO

Here you can set the default language track of the DVD, insofar as the DVD has multiple language tracks.

SUBTITLE

Here you can set the default language for the subtitles stored on the DVD, insofar as the DVD has subtitles.

DISC MENU

Here you select the language of the menus stored on the DVD, insofar as menus are available on the disc.

PARENTAL

Here you can set the authorisation level for DVDs (parental control).

Some DVDs and CDs are coded with the encryption signals of the authorisation classes established by the Motion Picture Association. The eight authorisation classes are:

- 1 KID SAF: Suitable even for small children;
- 2 G: For all age groups;
- 3 PG: Recommended for children aged 6 or older with parental guidance;
- 4 PG13: Recommended for persons aged 12 or over;
- **5 PGR:** Recommended for persons aged 16 or older with parental guidance;
- 6 R: May only be viewed by persons under the age of 16 if they are with a parent or adult guardian;
- 7 NC17: Should not be viewed by persons under the age of 18;
- 8 ADULT: Adults only.

If a DVD was encoded with the authorisation class 7 (18 or over) or 8 (**ADULT**), for example, and you have set an authorisation class 1 to 6, a message is displayed and the password must be entered. Parts of a DVD – certain scenes, for example – may also be encoded with an authorisation class or a range of authorisation classes.

PASSWORD

Here you can change or set up the password for activating and changing the authorisation class.

▶ Confirm **CHANGE** by pressing **ENTER**.

OLD PASSWORD: Enter the existing password with the number keys on the remote control. It comprises exactly four digits. If no password has been set up yet, the factory default password **8888** is valid. If you have entered the correct password, the next field is activated for entry.

NEW PASSWORD: Enter a four-digit password with the number keys on the remote control. The bar moves to the next field.

CONFIRM PWD: Enter the four-digit number again.

Press ENTER to confirm the new password.

If you have forgotten the new password, enter the master password 8888.

DEFAULT

Confirm RESET twice with ENTER to reset the device to the factory settings.



Please note that changed passwords will not be reset!



Troubleshooting

Error	Action	
There is no picture	Check if the power cable is inserted properly into the socket.	
and no sound.	Check if signal reception is set to TV .	
There is no AV	Check to ensure that the contrast and brightness settings are correct.	
picture.	Check to ensure that all external devices have been connected properly.	
	Check to ensure that you have selected the correct AV source.	
There is no sound.	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.	
	Check whether headphones are connected.	
There is no picture	The reception might be poor. Check if the antenna is connected properly.	
and no sound. I can		
hear noise, though. The picture is not	The reception might be poor.	
clear.		
The picture is too	 Check if the antenna is connected properly. Check the settings for contrast and brightness. 	
bright or too dark.	Check the settings for contrast and prigntness.	
The picture is not	The reception might be poor.	
sharp.	Check if the antenna is connected properly.	
	Check the settings for sharpness and noise reduction in the PICTURE menu.	
There is a double/tri-	Check if the antenna is aligned properly.	
ple picture.	Waves might be reflected off buildings or mountains.	
The picture is	There might be interference from cars, trains, power lines, neon lights, etc.	
pixellated.	• There might be interference between the antenna and power cables. Position the	
	cables further apart.	
There are stripes on	Is there interference from another device?	
the screen or the col-	Transmission antennae on radio stations, ham radios and portable phones can	
ours are faded.	also cause interference.	
	Operate the device as far away as possible from the device that might be causing	
The buttons on the	the interference.The child lock might be on.	
device are not work-	The child lock might be on.	
ing properly.		
The remote control is	Check if the batteries are fully charged and have been inserted in the right	
not working.	direction.	
	Ensure the sensor field is not exposed to strong light.	
TV switches off	Check whether the automatic TV switch off function is activated under TIME .	
The disc won't start	 Is the disc inserted with the label side facing to the rear? 	
even though → (PLAY) has been	Check whether the disc is damaged by trying another disc. If the disc is dirty, clear	
pressed, or it starts	it carefully, wiping it from the centre to the edge with a soft, dry cloth.	
and then stops	DVD: Does the DVD have the correct regional code (4)?	
immediately.	 If condensation has formed inside the device: leave the player for one to two hours 	
	to dry off.	

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:

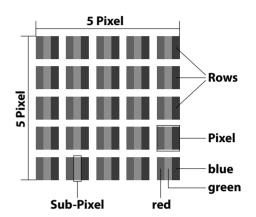
- · What external devices are connected?
- What messages appear on the screen?
- When operating the product, at which step did the problem occur?
- What steps have you already taken to try and rectify the problem?

Please provide your customer number if you have one.

Full HD LED LCD 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 **1920 x 1080 pixels**, which are each made up of three sub-pixels (red, green, blue), there are a total of **approx. 6.2 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

You can increase the lifespan of your Full HD LED LCD TV as follows:



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 Full HD LED LCD 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 Full HD LED LCD 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 Full HD LED LCD 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

Old devices should not be disposed of with the normal household rubbish. If you can no longer use your electrical device, dispose of it in accordance with the legal provisions applicable in your country. 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.

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

Full HD LED LCD TV	MEDION [®]
Model number	E12471 (MD 21571)
Screen size	24"/ 23.8" viewable (60.5 cm) LCD; 16:9 display
Power consumption	Max. 35 Watt
Power consumption in standby mode	< 0.50 W
Speaker output	2 x 3 W RMS
Physical resolution	1920 x 1080
TV system	Pal B/G, D/K, I
Channel positions	99 (ATV), 800 (DTV)

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

Mains adapter	
Model number	RS-AB03J00-A
Manufacturer	Shenzen jinhuasheng Power Technology Co., Ltd.
Input	100-240V ~ 50/60Hz; 1.2 A max.
Output	12V / 3A; ⊕•⊙ , 36 W
Car adapter	Model Car adapter 12V/3A, ChangJia Electronic Company,Ltd Bo ying Industrial Garden,Taishi Industrial Zone, Dongchong Town, Nansha Disctrict, Guangdong, China
	Input/output: 12V ===

Connections	
	Antenna connection (analogue TV, DVB-T or DVB-C)
	1 x USB connection
	Video
	1 x HDMI In with HDCP decoding (ARC supported)
	1 x PC In (15 pin D-Sub)
	AV In (RCA)
	YPbPr In (YUV) (RCA)
	Audio
	Stereo Audio In for AV, YPbPr (YUV) (RCA)
	PC audio in (3.5 mm jack)
	Earphone output (3.5 mm jack)
	Digital Audio Out (SPDIF) (coaxial)

Drives/storage media		
Drives	USB	
Supported formats via USB ¹	Photo: JPG, BMP, PNG	
	Music: MP3	
	Movie: AVI, MKV, MOV, MPEG 1/2/4, MP4	
	Text: TXT	
Capacities	USB max.1TB	
Supported formats via DVD ¹	Photo: JPG	
	Music: MP3, WMA	
	Films: MPEG 1/2/4, Xvid, AVI	
	Text: TXT	
Compatible disc formats	CD, DVD video, DVD+R/RW, DVD-R/RW, CD-R/RW, audio CD	
DVD player laser performance	Class 1 laser	



These days, there are many non-standard ways of recording CDs, copy protection methods, and also a wide variety of blank CD-R and CD-RW discs. This can occasionally lead to read errors or delays. This does not mean that the device is faulty.

Remote control		
Transmission type	Infrared	
LED classification	1	
Battery type	2 x 1.5V AAA	
Dimensions/ambient temperatures		
Permissible ambient temperature	+5°C to +35°C	
Permissible relative humidity	20% - 85%	
Dimensions without stand (W x H x D)	approx. 557 x 340 x 88 mm	
Dimensions with stand (W x H x D)	approx. 557 x 375 x 167 mm	
Weight with stand	approx. 2.5 kg	
Wall mounting	Vesa standard, hole spacing 100 x 100 mm ²	



¹ The playback of all formats cannot be guaranteed due to the large number of different codecs.

² Wall mount not supplied. When mounting the device, make sure that you use M4 screws. The length of the screws corresponds to the thickness of the wall bracket plus 10 mm.

Service information

Please contact our Customer Service team if your device ever stops working the way you want or expect it to. There are several ways for you to contact us:

- In our Service Community, you can meet other users, as well as our staff, and you can exchange your experiences and pass on your knowledge there.
 - You will find our Service Community at http://community.medion.com.
- Alternatively, use our contact form at www.medion.com/contact.
- You can also contact our Service team via our hotline or by post.

Opening times	Hotline number		
Mon – Fri:	3 1300 884 987		
08:30AM to 06:00PM EST			
Service address			
MEDION Australia Pty Ltd.			
Chatswood, NSW 2067			
Australia			



You can download this and many other sets of operating instructions from our service portal at www.medion.com/au/contact.php.

You will also find drivers and other software for a wide range of devices there.

You can also scan the QR code on the side of the screen, to download the operating instructions onto your mobile device from the service portal.

Legal Notice

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MEDION AG Am Zehnthof 77 45307 Essen Germany

Please note that you cannot use the address above for returns. Please always contact our Customer Service team first.



Warranty Details

REGISTER YOUR PURCHASE AT www.aldi.com.au/en/about-aldi/product-registration/ TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION

The product is guaranteed to be free from defects in workmanship and parts for a period of 12 months from the date of purchase. Defects that occur within this warranty period, under normal use and care, will be repaired, replaced or refunded at our discretion. The benefits conferred by this warranty are in addition to all rights and remedies in respect of the product that the consumer has under the Competition and Consumer Act 2010 and similar state and territory laws.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.





FULL HD LED LCD TV E12471

Repair and Refurbished Goods or Parts Notice

REGISTER YOUR PURCHASE AT www.aldi.com.au/en/about-aldi/product-registration/ TO KEEP UP-TO-DATE WITH IMPORTANT PRODUCT INFORMATION

Unfortunately, from time to time, faulty products are manufactured which need to be returned to the Supplier for repair.

Please be aware that if your product is capable of retaining user-generated data (such as files stored on a computer hard drive, telephone numbers stored on a mobile telephone, songs stored on a portable media player, games saved on a games console or files stored on a USB memory stick) during the process of repair, some or all of your stored data may be lost.

We recommend you save this data elsewhere prior to sending the product for repair.

You should also be aware that rather than repairing goods, we may replace them with refurbished goods of the same type of use refurbished parts in the repair process.

Please be assured though, refurbished parts or replacements are only used where they meet ALDI's stringent quality specifications.

If at any time you feel your repair is being handled unsatisfactorily, you may escalate your complaint. Please telephone us on 1300 884 987 or write to us at:

MEDION Australia Pty Ltd

Chatswood, NSW 2067; Australia

Hotline: 1300 884 987

(Opening hours: Mon - Fri 08:30AM to 06:00PM EST)

Internet www.medion.com.au; E-mail Support australia@medion.com





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