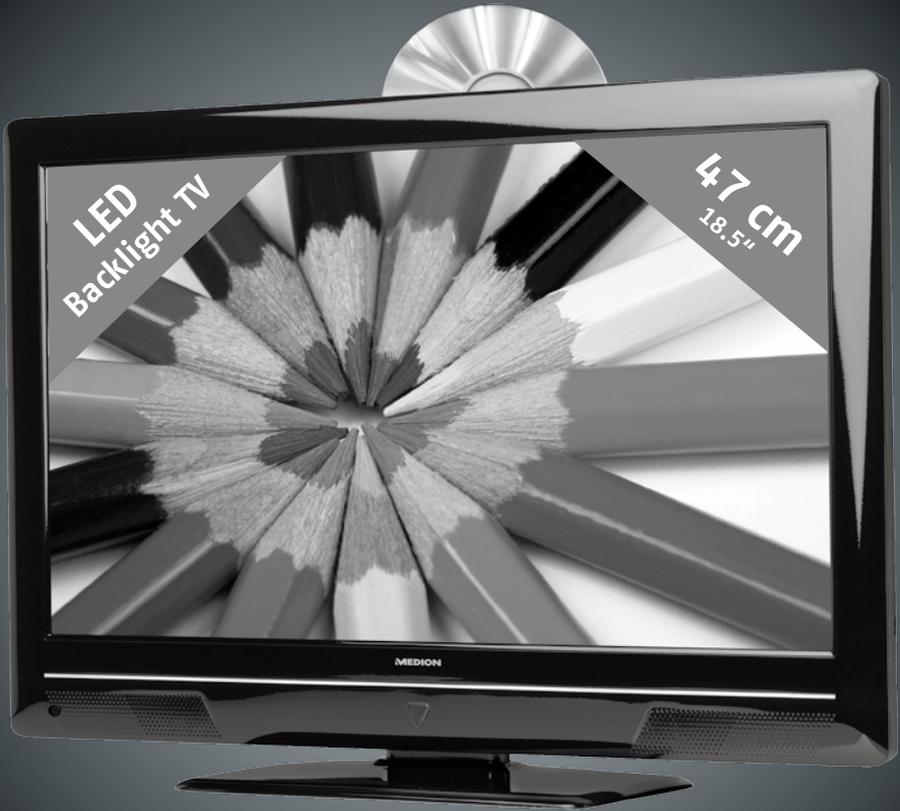


MEDION®

47 cm (18.5") LED LCD TV with inbuilt DVD Player and HD DVB-T Tuner

MEDION® LIFE® P13161 (MD 21097)



Instruction Manual



MEDION®

**47 cm (18.5") LED LCD TV with inbuilt
DVD Player and HD DVB-T Tuner (P13161) MD 21097**

Warranty Details

The product is guaranteed to be free from defects in workmanship and parts for a period of 24 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.

After Sales Support

Telephone: 1300 884 987

Internet: www.medion.com.au





MEDION®

**47 cm (18.5") LED LCD TV with inbuilt
DVD Player and HD DVB-T Tuner (P13161) MD 21097**

Repair and Refurbished Goods or Parts Notice

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 or 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
St. Leonards, NSW 2065
Australia

MEDION Help Desk 1300 884 987
(Operating Hours : Mon-Fri 08 :30AM to 06 :00PM EST)

Email: australia@medion.com

After Sales Support

Telephone: 1300 884 987

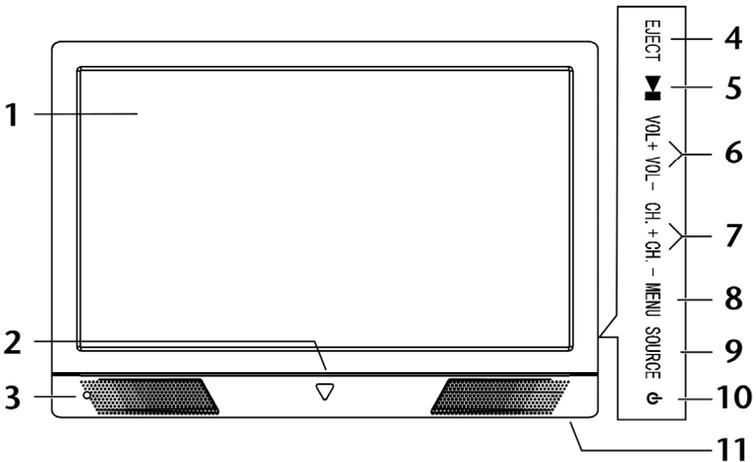
Internet: www.medion.com.au



Device Overview

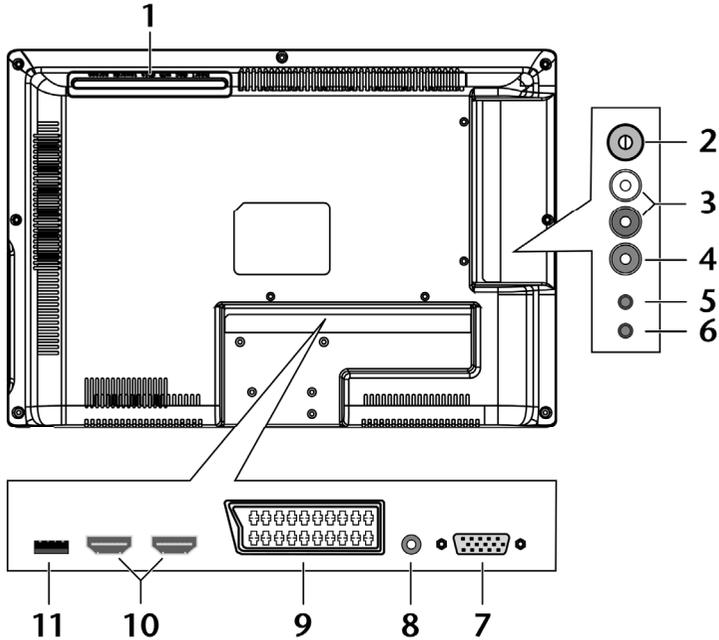
LED LCD TV

Front and Right-Hand Side View



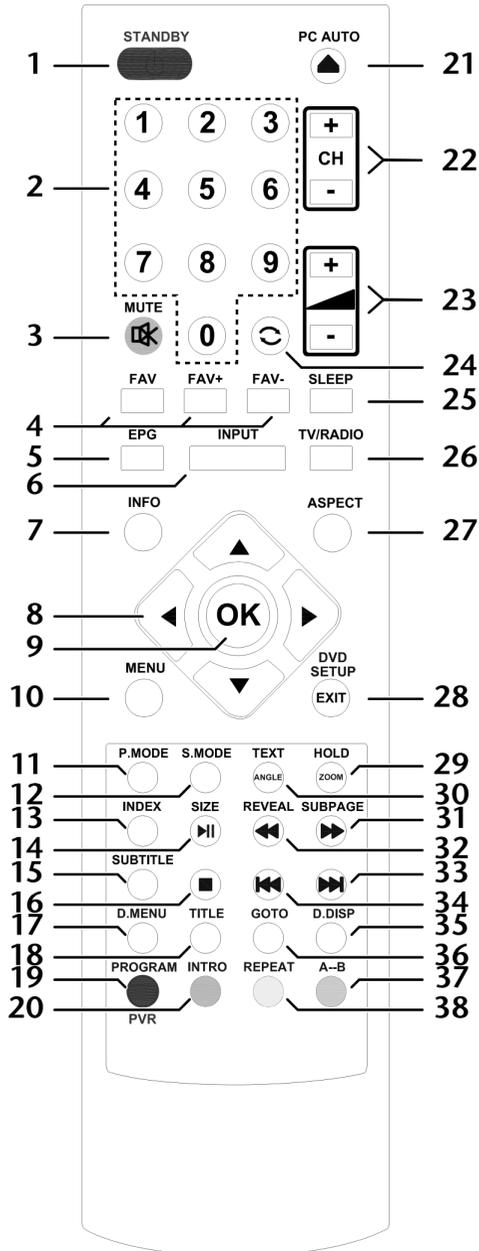
1. LED LCD Display
2. LED LCD TV Mode indicator: orange when the device is in standby mode; blue when the device is switched on.
3. Infrared sensor: reception field for the infrared TV signals.
4. **EJECT** Eject the disk
5. **▶||** Disk: Start or pause replay
6. **VOL + / VOL -** Adjust the volume or navigate in the menu
7. **CH + / CH -** Channel up/down or navigate in the menu
8. **MENU** Call up on-screen menu to change settings on your device
9. **SOURCE** Change input source
10. **⏻** Standby switch, switch on the device or switch to standby mode
11. **POWER** Mains switch

Rear View / Connectivity



- | | | |
|-----|---|---|
| 1. | DVD-Player | |
| 2. | ANT. | Connection using an antenna (analogue or DVB-T) |
| 3. | AUDIO L R | Audio inputs (red/white) for AV and Component IN |
| 4. | AV1 | Video input 1 (yellow) |
| 5. | Component IN | 3.5 mm jack component input for the connection of devices with a component output |
| 6. |  | Connectivity for headphones with 3.5mm jack |
| 7. | VGA | VGA connection: to connect a PC or Notebook |
| 8. | VGA AUDIO | Audio input for PC or Notebook |
| 9. | SCART/AV2 | SCART input
Video input 2 (via SCART to AV adapter) |
| 10. | HDMI 1-2 | HDMI connection: to connect a device with HDMI out |
| 11. | USB | USB interface for MP3 and JPG |

Remote Control



1		STANDBY, i.e. switch off the LED LCD TV temporarily
2	Numeric buttons	TV: Channel selection
3		Mute
4	FAV FAV- FAV+	Open favourites list Previous favourites station Next favourites station
5	EPG	DVB-T: Digital TV guide for television and radio programs (depends on transmitter)
6	INPUT	Select input signal of connected devices
7	INFO	Display information, such as current channel number and picture format
8	Direction buttons ▼ ▲ ◀ ▶	
9	OK	Confirm selection in specific menus. Also used as ENTER
10	MENU	Open and close menu
11	P.MODE	Choose picture mode
12	S.MODE	Choose sound mode
13	INDEX	Go to the root directory of USB media player
14	SIZE 	DVD: Play button - Start playback / Pause button: Pause playback
15	SUBTITLE	DVD: Subtitle function for DVD player
16		DVD: STOP button, end playback / recording
17	D.MENU	DVD: Open and close DVD menu
18	TITLE	DVD: Display main DVD menu
19	PROGRAM Red button PVR	DVD: Program playback list of DVD player Call up the starting function, if a USB medium is connected.
20	INTRO Green button	DVD: Introduction function
21	 PC AUTO	DVD: Eject button Automatic adjustment in VGA mode
22	CH+/-	Channel up/down navigating
23		Increase (+) or reduce (-) volume.
24		Set previous TV program
25	SLEEP	Sleep timer

26	TV/RADIO	DVB-T: Switch between TV and radio stations
27	ASPECT	Change picture format
28	EXIT DVD SETUP	Exit menu DVD: Open menu
29	HOLD ZOOM	DVD: Zoom function for DVD player
30	TEXT ANGLE	DVD: Select camera position (angle) in DVD playback
31	SUBPAGE ▶▶	DVD: Fast forward
32	REVEAL ◀◀	DVD: Fast rewind
33	▶▶	DVD: Next title/next section
34	◀◀	DVD: Previous title/previous section
35	D.DISP	DVD: Displays information on DVD currently inserted, e.g. section, playback time elapsed, etc.
36	GOTO	DVD: Select a section on a DVD
37	A-B Blue button	DVD: Setting the AB repeat
38	REPEAT Yellow button	DVD: Setting the playback mode

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Information About These Instructions



Please be sure to read these operating instructions carefully and follow all instructions given. This will ensure that your LCD TV will work reliably and last a long time. Always store these instructions in a handy place near your LCD TV. Keep the operating instructions so that you can pass them on with the LCD TV if you sell it.

Target Group

- This unit is to be used only for receiving and playing back TV programmes. The range of connections supplied makes it possible to expand the input and output sources (e.g. receiver, DVD player, DVD recorder, video recorder, PC, etc.).
- This unit is intended for use in dry, indoor areas only.
- It is not suitable for use as a data monitor for office workstations.
- The unit is intended for private use only and not for industrial or commercial use. Using the device in extreme environmental conditions may result in it being damaged.

HD ready

Your LCD TV is “HD ready”. That means that it is capable of showing high-resolution TV programmes (HDTV).

Contents

Please check the items received in the box and inform us **within 7 days from purchase** if anything is missing. Your statutory rights are not affected.



Caution!

Do not let children play with the plastic film. There is a risk of suffocation!

You should receive the following items:

- LED LCD 18.5" with DVD Player
- 1 x Remote Control incl. Batteries (2 x R03/AAA/1.5V)
- 1 x Base Stand
- 1 x Component Adapter 3.5 mm (YPbR/YUV)
- 1 x SCART-to-AV Adapter
- 1 x Instruction Manual
- 1 x Warranty Certificate
- 2 x Warranty Sticker

Safety Instructions

Operating Safety

- Children should be supervised to ensure they do not play with this unit. This unit is not intended for use by people (including children) with reduced physical, sensory or mental abilities or for those without experience and/or knowledge, unless they are supervised by a person responsible for their safety or they have been instructed on its use.
- Keep packaging material such as plastic film away from children. There is a risk of suffocation if used improperly.
- Never open the casing of the LCD TV (electrical shock, short circuit and fire hazard)!
- Never insert any objects through the slots and openings of the LCD TV (electrical shock, short circuit and fire hazard)!
- The slots and openings on the LCD TV are for ventilation purposes. Do not cover these openings (overheating, fire risk)!
- Do not put any pressure on the display. There is a risk that the screen may break.
- The remote control has a class 1M infrared diode. Never use optical devices to look at the LED.
- The DVD player is a first class laser product. The unit has a safety system that prevents dangerous laser rays from escaping from the unit during normal use. In order to avoid eye injuries, never manipulate or damage the security system of the device.
- Caution! There is a risk of injury if the screen is damaged! Recover all broken pieces using protective gloves and send them to your Service Centre for proper waste disposal. Then wash your hands with soap because chemicals may have leaked out.
- To avoid damaging the screen do not touch it with fingers or sharp objects.
- Contact customer services on 1 300 884 987 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 casing is damaged

Set-Up Location

- In the first hours of operation, new devices may emit a typical, unavoidable but completely harmless smell, which will decline increasingly in the course of time. We recommend that you ventilate the room regularly, in order to counteract the formation of the smell.
- Keep your LCD TV and all connected devices away from moisture and avoid dust, heat and direct sunlight.
- Do not use the device outdoors because other effects such as rain, snow etc. can also damage the device.
- The device must not be exposed to water droplets or spray. Do not place objects that are filled with water (such as vases) on the device. The container may tip over and the liquid will impair the electrical safety.
- Do not operate the device near water and do not set it up near a wash-hand basin or bath, etc.
- Do not place any exposed sources of ignition (candles or similar) on or near the device.
- Make sure that there is enough clearance in the wall units! Ensure a minimum separation of 10 cm around the device for sufficient ventilation.
- Operate all components on a stable, level and vibration-free base, to prevent the LCD TV from falling over.
- Avoid dazzle, reflections and strong bright-dark contrast in order to protect your eyes.
- The optimal viewing distance is 5 times the screen diagonal.



Repairs

- Repairs to your LCD TV should only be carried out by qualified specialists.
- Please contact our Help Desk on 1300 884 987 if you have any problems with your LCD TV. ALWAYS have repairs completed only by our authorised service centre.
- Make sure to use only replacement parts provided by the manufacturer. The device may sustain damage if unsuitable replacement parts are used.

Intended Environment

- The device can be operated at an ambient temperature of +5° C to +40° C and a relative humidity of 20% - 85% (non condensing).
- In the switched-off state the LCD TV can be stored from -20° C to +60° C.
- Keep the device at a distance of at least one metre from high frequencies and magnetic sources of interference (television, loudspeaker boxes, mobile telephones etc.) to avoid malfunctioning.
- After transporting the LCD TV wait until the device has reached ambient temperature before switching it on.
- Large changes in temperature or fluctuations in humidity can cause moisture to build up due to condensation within the LCD TV, which can cause an electrical short circuit.
- During thunderstorms or if the device is not going to be used for long periods, remove the plug from the mains socket and the aerial cable from the aerial socket.

Power Supply



Please note

Even when the mains switch is off some components of the device are live. In order to disconnect the power to your LCD TV or to completely isolate the device from voltage sources remove the mains plug from the mains socket.

- Only plug the LCD TV into an earthed socket with 100-240 V~ 50/60 Hz. Contact your electricity provider if you are not sure if the socket is earthed or not.
- The socket must be near the LCD TV and easily accessible.
- In order to disconnect the power to your LCD TV or to completely isolate the device from voltage sources remove the mains plug from the mains socket. Always grab the plug firmly when unplugging it from the socket. Never pull on the lead.
- For extra safety, we recommend using an over-voltage protection device to prevent your LCD TV sustaining damage as a result of power surges or lightning strikes.
- If you are using an extension cable, make sure that it complies with VDE requirements. If in doubt, contact your electrician.
- Position the cable so that nobody is able to step on it or trip over it.
- Do not place any objects on the cable to avoid damaging it.

Battery Handling

Batteries can contain combustible materials. If not handled correctly batteries can leak, become very hot, ignite or even explode, which could damage your device or/and your health.

Please ensure compliance with the following advice:

- Keep batteries away from children. Contact your doctor immediately if a battery is swallowed.
- Never charge batteries (unless it is clearly indicated).
- Never discharge batteries by high power output.
- Never short-circuit the batteries.
- Never expose the batteries to excessive heat such as sunshine, fire or similar.
- Do not take apart or deform the batteries. Your hands or fingers could get injured or battery fluids could get into your eyes or onto your skin. If this should happen then rinse the affected areas immediately with a large amount of clean water and contact your doctor immediately.
- Avoid heavy impacts and vibrations.
- Always observe the correct polarity.
- Make sure that the plus (+) and minus (-) poles are correctly inserted in order to avoid short circuits.
- Never mix 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.
- Immediately remove used batteries from the device.
- Remove the batteries from the device if you do not intend to use it for a long period of time.
- Replace all the old batteries in a device with new batteries of the same type.
- Isolate the contacts of the batteries with sticky tape if you want to store or dispose of them.
- Clean the contacts on the battery and device before inserting.

Information about Conformity

The device fulfils electromagnetic compatibility and electricity safety requirements. Your device complies with the basic requirements and the relevant Australian EMC guidelines [electromagnetic compatibility] and the Australian electrical safety guidelines.

This device fulfils the basic requirements and the relevant regulation of the Ecodesign Guideline 2009/125/EG (Commission Regulation 1275/2008).

Start of Operation

Note

Before starting up please make sure that you read the "Safety instructions" section on page 11.

Unpacking

- Select a suitable place for setting up the appliance.
- Open the box very carefully to avoid damaging the appliance. 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 items out of reach of children; the parts are easy to swallow.
- Store the packaging material in a safe place; only use this box to transport the TV.

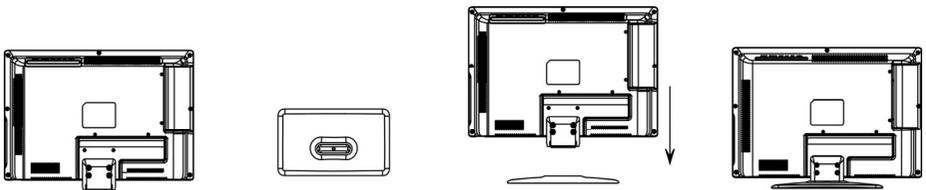


CAUTION!

Do not let children play with the plastic film. There is a risk of suffocation!

Installation

Attach the base stand as shown in the drawing. Carry out this step before connecting the LED LCD TV.



Inserting the batteries in the remote control

- ▶ Open 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).
- ▶ Replace the cover.

Note

Remove the batteries if the device will not be used for long periods. The remote control can be damaged by leaking batteries.

Connect TV aerial

- ▶ To connect to the house antenna or cable system, connect a double-screened cable from the antenna socket to the LCD TV.

DVB-T mode

You will have the possibility of receiving DVB-T by means of a corresponding aerial, if it is offered at your location. An additional receiver will not be necessary to receive DVB-T channels.

Connecting a DVB-T aerial

- ▶ Plug the connector of a DVB-T aerial into the aerial socket of the device.

Connecting power supply

- ▶ Connect the power cable supplied with the device to the 220-240V ~ 50 Hz connection on the back of the unit and insert the plug into a 220-240 V ~ 50 Hz mains socket near the device.

Switching the LCD TV on and off

- ▶ Switch the power button to “I” to active the power supply. The device switches to standby mode and the display on the front will light up red.
- ▶ To switch on the unit either press the button  on the remote control or the **POWER** button on the right-hand side of the unit. The display on the front will light up green.

- ▶ Press the button  on the remote control or the **POWER** button on the right-hand side of the unit to switch the device over to standby mode again. The unit continues to consume power in this mode.
- Press the mains switch at the back of the unit to switch it off completely.

After switching on the unit for the first time

You will be guided through the **First Time Installation** menu after you switch the device on for the first time.

You can always access the first-time installation screen again via **Functions > First Time Installation** and go through the settings again. See also page 42.



- Select a language with the directional buttons and press OK.



- Select the country required with the directional buttons. The country setting will have an influence on the sequence in which the channels are stored. Press.



Searching occurs in the order of the various program types. Wait for it to finish. You can use the **MENU** button to cancel the search prematurely.

Note

Consider a DVB-T aerial if you are searching for digital channels.

Channel selection

- To select a channel, either press the buttons P+/- (on the device or on the remote control) or select the channel directly by pressing the appropriate numbers. To enter a two or three-digit number press the -/-- button twice or three times and then enter the two- or three-digit channel number.
- Press the **CD** button to select the last channel played.

Setting the volume

- You can increase or decrease the volume by pressing the volume buttons **- ▲ +** on the remote control or on the device.
- Use the **⊗** button to switch the volume fully off and on again.
- Use the **AUDIO** button to select mono or stereo playback, sound I and sound II. Sound I and sound II can only be heard when the current TV channel supports dual mode (e.g. for bilingual programs).
- Use the **S.MODE** button to switch between the following sound modes: **Standard, Music, Movie, Sports, Personal**. The **Personal** setting is defined under the menu option **SOUND > Sound Mode**.

Picture Setting

- Use the **P.MODE** button to switch between the following picture modes: **Standard, Dynamic, Mild, Personal**. The **Personal** setting is defined under the menu option **PICTURE > Picture Mode**.

- Depending on the program, the pictures are displayed in the formats 4:3 or 16:9. Use the **ASPECT** button to adjust the picture format:

Auto: The format displayed is automatically adjusted to match the input signal.

4:3: For undistorted screen display in 4:3 format.



16:9: A 16:9 picture (“letterbox”) is zoomed to the full screen size.



Zoom1: For undistorted screen display in 14:9 format.



Zoom2: A picture in 14:9 format (“letterbox”) is stretched at the top and bottom margins of the screen.



You can also change these settings in **SETUP > Aspect Ratio**.

Note:

Please note that not all picture formats will be available depending on the image source setting.

Displaying Information

- Press the **INFO** button to display the following current settings:
 - Channel position
 - Color System
 - Sound System
- You can get the same information when you switch over to a different channel.

Favourites List

You can enter a list of your favourite channels under the menu options **CHANNEL > Program Edit** (see page 39).

- Press **FAV** to display your list of favourite channels.
- Use the direction buttons **▲ ▼** or the buttons **FAV - / FAV +** to select a channel.

Input Source Selection

- Use **INPUT** to call up the source selection list. The following sources are available:

ATV	TV mode (analogue signal)
DTV	TV mode (digital signal)
Media	Playback of media via USB
AV 1	Device on AV input
PC	Device on PC input
Component	Device on the video and audio input components
DVD	Inbuilt DVD Player
SCART/AV2	Device on SCART input
HDMI1	Device on HDMI 1 input
HDMI2	Device on HDMI 2 input
- Use the direction arrows **▼ ▲** to go to the desired source.
- Confirm your selection with **OK**.

DVD Mode

The inbuilt DVD player is managed via DVD Mode.

Switching between TV and DVD Mode

- Use **INPUT** to open the source selection list.
- Use the direction arrows **▼ ▲** to go to **DVD**.
- Confirm your selection with **OK**.
- To return to TV mode, repeat this process. But instead of **DVD**, now select the option **ATV** or **DTV**, depending on the type of signal.

Inserting a DVD

Note

The integrated DVD player only supports media with a diameter of 12 cm. Do not insert any media with a smaller or a larger diameter in the DVD slot, to avoid damage.

Note

The DVD must be aligned with the printed side towards the back (back of the LED LCD TV).

Note

The LED LCD TV must be set to the DVD Mode, so that you can insert a DVD into the DVD slot.

- Place the DVD into the DVD slot with the printed side towards the back. The DVD will be recognised and drawn in automatically if the LED LCD TV is set to the DVD Mode. **Loading** followed by **Reading** appears on the screen. The replay will normally be started automatically.

Note

It can be necessary to start replay manually in some cases. Press the **▶||** button to do this.

Button function

Special display message



If you select a function which is not available on the disc you have inserted 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 ▶|| button to start or pause playback. Press the ▶|| button again to continue playback.

■ (Stop)

- Press ■ once to stop playback. In this mode, you can continue on from the same point by pressing ▶.
- Press ■ again to stop the DVD completely. The device is now in stop mode.

⏮/⏭ (Skip)

- During playback, press the ⏮ or ⏭ key to skip backwards or forwards (for DVDs: from chapter to chapter; for CDs: from track to track).

Note

Please note: on many DVDs, it is not possible to skip the track/chapter before the actual film starts (see licence notes).

⏮/⏭ (Forward)

- During playback, press the ⏮ or ⏭ button to start fast forward or rewind. The speed increases if you press the button repeatedly: **2x > 4x > 8x > 16x > 32x**. If you press the button again or press ▶, you return to the normal playback speed.

GOTO (direct search)

You can use the **GOTO** button to jump straight to a chapter, track or time. You change the selection each time you press the button. Playback starts at the selected spot.

- You can also enter a track directly via the number keys, without first pressing **GOTO**. Playback starts right at the place selected.

DVD

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

Audio CD/VCD

- Press **GOTO** once: **Disc Go To** – enter the desired time on the CD in the format H:MM:SS.
- Press **GOTO** twice: **Track Go To** – enter the desired time within a track in the format H:MM:SS.
- Press **GOTO** three times: **Select Track** – enter the number of the desired track.
- You may also enter the track number directly, without using the **GOTO** button.

MP3/WMA

- Press **GOTO** once: Enter the desired title (three digits – put “0” or “00” in front, if required).
- You may also enter the track number directly, without using the **GOTO** button.
- Press **GOTO** twice: enter the desired time within the track in the format MM:SS.

Xvid

- Press **GOTO** once: enter a desired track.
- Press **GOTO** twice: enter the desired time within the track.

D.DISP (time display)

Press **D.DISP** repeatedly during playback to display first the elapsed time and then the remaining time. You will see a corresponding screen message each time you press the button:

- DVD: **Playback time: Track > Elapsed: Track > Playback time: Chapter > Time remaining: Chapter -> Display off**
- CD/VCD/Xvid: **Time remaining: current track > Playback time: current track > Playback time: total > Time remaining: total**
- MP3/WMA: shows playback status and volume level.

REPEAT

Press the yellow button [REPEAT] during playback. The repeat symbol appears on the screen and, each time the button is pressed, so does the section to be repeated (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**

PROGRAM (playback sequence)

The programming function allows you to play up to 20 chapters (DVD) or tracks (audio) in any order you specify.

Programming is not possible with MP3 media.

How to program the sequence:

- Press the red **PROGRAM** button. A table with spaces for programs appears on the screen. The number of tracks is shown at the top of the table.
- Use the remote control buttons to enter the number of the desired track (**TT**) for program space 01. Please place a **0** in front of single-digit numbers.
- For DVDs, now also enter the desired chapter (**CH**).

The cursor jumps to program position 02.

Enter the remaining program spaces in the same way.

Start list

- As soon as the first program space has been entered, the word **START** appears at the lower edge of the menu.
- Use the arrow keys to move the cursor to “Start” and press **OK**. The programmed list starts to play. You can reopen the list by pressing the red **PROGRAM** button.
- During playback, press the STOP ■ button twice to delete the list.

LANG (Audio Setting (Language))

- Press **LANG** repeatedly to select another audio setting on the DVD (e.g. two-channel audio or 5.1 channel surround sound) or the required spoken language. The change is made immediately and does not need to be confirmed.

Note

Please note that this function is not available on all DVDs.

Open DVD menu

Using the **TITLE** and **D.MENU** buttons, you can open the menus stored on the DVD. The **D.MENU** button usually opens the main menu and the **TITLE** button the track menu. You navigate to the items in the DVD menu using the arrow keys. Confirm each selection with **OK**.

Note

Please note – it will depend on the DVD as to which requests open which menus.

Navigating on MP3 and JPEG data media

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

- Insert an MP3 or JPEG CD into the player. A menu appears on the screen, showing the top-level folder structure.
 - If the data media contains folders, they are listed here.
 - An MP3 file is displayed by an MP3 symbol.
 - The surface of the active folder or file is shaded orange. The total number of the files in the folder appears in the top row.
- Use one of the arrow keys **▲ ▼** to enter the folder and confirm with **OK**. Other subfolders may open if present. If they do, you can go back to the higher-level menu, using the left arrow key **◀** or via the top menu item.
- To listen to a particular track or view a particular picture, select it and confirm with **▶ (PLAY)** or **OK**.

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 **OK** to view a large image. All images within the active folder can be displayed in succession (slide show).
- You rotate the picture by holding down the arrow keys ◀ ▶ .

Please note that it might not be possible to display very large pictures.

SETUP menu in DVD mode

- While the DVD is running, press the **DVD SETUP** button. The SETUP menu's main page appears on the screen. The following menus are enabled in DVD mode:

General Setup

Audio Setup

Digital Setup

Preferences Page

Navigating in the menus

- Choose between the menus using ▲ ▼ . The enabled menu is shaded orange. Use ◀ ▶ to select menu items and the items you choose appear on the right side. The active setting is highlighted in brown.
- To change a setting, use ▶ to go to the right side and use ◀ ▶ to choose another item. Press **OK** to confirm.
- Press ◀ to return to the upper menu selection.
- Press **DVD SETUP** at any point to quit the SETUP menu.
- You cannot open the SETUP menu during playback. If necessary, stop playback by pressing ■ (STOP) twice.

Menu: General Setup

TV format

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

- | | |
|---------------|---|
| 4:3 PS | Selection for televisions with a 4:3 format. The Pan Scan format displays 16:9 film formats at full height; side sections of the image are cut off. |
| 4:3 LB | Selection for televisions with a 4:3 format. The letterbox format reduces the 16:9 film format to the size of the screen. |
| 16:9 | Selection for televisions with 16:9 format. |

OSD Language

This sets the OSD (On-Screen-Display) language, i.e. the language for the DVD player menus. When selecting a language the menu changes immediately.

Last Memory

The DVD player will remember the position at which you stopped the most recently inserted DVD, with this function. The replay will begin at the most recent position, if the same DVD is reinserted in the device. The last position on the DVD will even be retained if you switch off the device.

Menu: Audio Setup

To set the sound mode, select the **Soundmode Setup** menu item.

Downmix

If you use the analogue output, you can make adjustments in this menu.

- | | |
|-----------------|---|
| Surround | Choose this setting if you wish to play surround sound. |
| Stereo | This option produces stereo sound.
Choose this setting if the sound is played through two speakers only. |

Menu: Digital Setup

Dual Mono

Choose between four different audio outputs.

Dynamic

The Dolby Digital sound format supports a dynamic setting, which you can use to set the volume difference between quiet and loud passages with a scale of **Off** to **Full** in nine steps.

- | | |
|-------------|--|
| Off | The sound is reproduced without changes, i. e. loud passages and bass sounds are loud and quiet passages are quiet (cinema sound). This setting is only appropriate if nobody will be disturbed. |
| Full | The volume difference is minimised, i. e. loud passages are quieter and quiet passages are louder. This setting is appropriate, for example, at night. |

➤ To change the setting use ▶ to access the scale on the right hand side and then use ▼ or ▲ to selected the desired value. Confirm with **OK**.

Menu: Preferences Page

TV Type

Select the colour standard for the image replay here:

PAL	The usual colour format in many European countries.
AUTO	Automatic setting to the correct colour format.
NTSC	The usual colour format in North America.

Audio

The DVD's default language track is preset here, provided the DVD has multiple language tracks.

Subtitle

Here you can set the default language for the subtitles stored on the DVD, provided it contains subtitles.

Disc Menu Lang.

Here you can choose the language for the menus stored on the DVD, provided multiple languages are available on the disc.

Parental

You can set the authorisation level for DVDs (parental control) here.

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

1 Kid	suitable for small children;
2 G	for all age groups;
3 PG	recommended from age six, under parental guidance;
4 PG-13	recommended from age 12;
5 PG-R	for young people under-17s parental guidance recommended;
6 R	Not suitable for young people under 16;
7 NC-17	Not suitable for young people under 18;
8 Adult	For adults only

For example, if you have inserted a DVD that is coded with authorisation class 7 (from age 18) or 8 (**Adult**) and you have selected authorisation classes 1 to 6, a message appears and the viewer must enter a password. Parts of a DVD – certain scenes, for example – may also be encoded with an authorisation class or a range of authorisation classes.

Password

With this option a password can be entered so as to restrict access to the player by others.

- Confirm the entry **Change** with **OK**.

Old Password Enter the existing password with the number keys on the remote control. It comprises exactly four digits. If no password has been entered, the default password is valid 0000.
The next entry field becomes active when you enter the correct password.

New Password Enter a four-digit password using the number keys on the remote control. The bar moves to the next field.

Confirm PWD Enter the four-digit number again.

- Press **OK** to confirm the new password.

If you forget the new password, enter the master password 7948.

Default

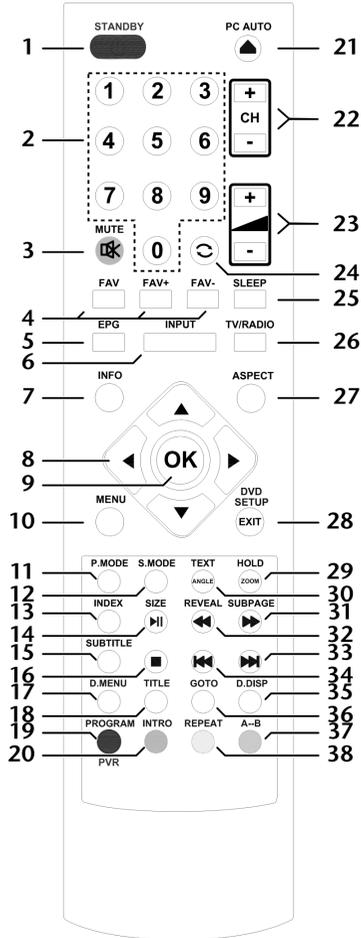
- Confirm **Reset** twice with **OK**, to reset the unit to the factory settings.

Note

Please note that a changed password is not reset.

Operation through the Remote Control

The following functions of the DVD player are available to you through the remote:



1		STANDBY, i.e. switch off the LED LCD TV temporarily
8	Direction buttons    	
9	OK	Confirm selection in specific menus. Also used as ENTER
14		DVD: Play button - Start playback / Pause button: Pause playback
15	SUBTITLE	DVD: Subtitle function for DVD player
16		DVD: STOP button, end playback / recording
17	D.MENU	DVD: Open and close DVD menu
18	TITLE	DVD: Display main DVD menu
19	PROGRAM	DVD: Program playback list of DVD player
20	INTRO	DVD: Introduction function
21		DVD: Eject button
28	DVD SETUP	DVD: Open menu
29	ZOOM	DVD: Zoom function for DVD player
30	ANGLE	DVD: Select camera position (angle) in DVD playback
31		DVD: Fast forward
32		DVD: Fast rewind
33		DVD: Next title/next section
34		DVD: Previous title/previous section
35	D.DISP	DVD: Displays information on DVD currently inserted, e.g. section, playback time elapsed, etc.
36	GOTO	DVD: Select a section on a DVD
37	A-B	DVD: Setting the AB repeat
38	REPEAT	DVD: Setting the playback mode

Note

Depending on the content and format of the disc, some of the buttons may have different functions or may not react at all.

Media Mode

The LED LCD TV comes with 1 USB port (rear) that can be accessed via Media mode.

Media Mode and USB Connectivity

- Plug in your external USB device (USB stick, external hard disk drive) into the USB port of the TV. Drive numbers (C:\, D:\, E:\ etc) will be allocated depending on the partitions of the USB device (e.g. an external hard disk drive might have several partitions). For the definition of how drive numbers are assigned, please see “Drive Assignment Definition” below. (Please note that external USB memory devices of a capacity of up to 1 TB are supported. However, not all brands and drivers of external USB memory devices might be compatible with this LED LCD TV)
- You can select the drive for your recording session.
- Please note that the external USB device needs to be formatted first before the recording can be done. To do this, under DTV mode, in the OSD, go to SETUP page then select “**PVR File System**”.
- Select disk drive by pressing “**OK**”.
- At the next screen you will have option to select USB device if there is more than one and to select drive with directional pad on the remote control (C:\, D:\ etc)
- Press “ok” to format.
- You can select to format the USB device into FAT32 file system or High Speed FS system by using directional pad on the remote control:
 - FAT32 is suitable for USB thumb drive (USB memory sticks) that will format the entire USB drive completely. (Attention: All data currently on the USB memory stick will be lost. Please save your data on your external USB memory stick prior to using it as a recording device)
 - High Speed FS is suitable for external USB hard disk drives that will allow choosing how large a new partition allocated for recording will be.
 - While recording, on your external USB device a new folder will be created labelled “MSTPVR”.
- The OSD will show the file format and size selected, how many minutes of the TV program can be recorded in either SD quality or HD quality from the source media.
- After selecting the system type and size, press OK again will start the formatting.
- After the USB device has been formatted, it can be used for recording under DTV mode.
- The default recording drives will always be C:\, unless different drive is selected using method from 2-7. (Please also refer to the part “PVR Function and Drive Assignment” of this manual).

- The recording function can be achieved in 2 ways:
 - Press the record button (PVR = Red Colour Button) directly while watching DTV programs.
 - Through EPG scheduling function.

Recording via record button (PVR or red button)

While watching DTV programs, press the PVR button (red button) on the remote control.

A symbol for recording will be shown in the upper left-hand corner of your screen.

Make sure that the allocated capacity for the recording is sufficient to complete the recording of the program you want to save. (The capacity is determined by how large the formatted PVR file folder is allocated, or how large the USB thumb drive can support.)

Recording via EPG Scheduling

- In DTV mode, press EPG button to call out the EPG interface.
- Select the program that you wish to record via the date and time inside the EPG, and then press the Red button (record).
- The interface will show the start time and end time of the recording.
- Select the recording mode. The options are:
 - **AUTO** Mode: The time will be fixed according to the selected program. Only the selected program will be recorded from start time to end time.
 - **ONCE** Mode: Allows setting the timer. Date and time of the recording can be set manually. The recording will be done only once.
 - **EVERY DAY** Mode: Allow setting the timer yourself. Date and time of the recording can be set manually. The recording will be repeated every day accordingly during the set time frame.
 - **WEEKLY** Mode: Allow setting the time. Date and time of the recording can be set manually. The recording will be repeated once every week on the day and time that has been set manually.
- Press OK after the setting to save the scheduling time
- Please note that recording schedule via the EPG interface will only work when the TV is not switched off (has to be on or in standby mode).
- The recording schedule will continue to work in the background in Standby mode.
- The TV will switch from Standby mode to operational mode (ON) to start the programmed EPG scheduled recording session.
- After the recording has been completed the TV will stay in operational mode (ON).

- If you want the TV to switch back to Standby mode after the recording has been completed (switching back from ON to Standby) please use the “Auto Standby” function in the TIME OSD menu to set the “Auto Standby” time (starting from 3 hours).
- Using the “Auto Standby” function will ensure that the TV will switch back from operational mode (ON) to Standby mode according to the set time.
- Please ensure that the time set via the “Auto Standby” timer is longer than the time set for the recording session to allow that your program has been fully recorded.
- The scheduled recording can be checked via the EPG interface any time. For this, please press the Yellow button (schedule button) on the remote control.

Time Shift function

- During any recording, you can press the “Play” button to start watching the program that is being recorded. The recording itself will continue in the background while you can watch the recorded program from the start.
- While watching/playing the recording program this way, you can use all the media functions (fast forward, fast backward and pause etc) for the playback.
- Press the STOP button to stop the watching session and return to the recording interface.

Switching between TV Mode and Media Mode

- Use **AV/INPUT** to call up the source selection list.
- Use the direction buttons **▼ ▲** to go to **Media**.
- Confirm your selection by pressing **OK**.
- Repeat this process to return to TV mode but, instead of selecting **Media**, choose the option **ATV** or **DTV**, depending on the type of signal.

Media Menu System

As soon as you have connected an external USB device to the TV and have switched the source to **Media**, you can choose between the following four media to be played back:

- **PHOTO** - To play back photo files
- **MUSIC** - To play back music files
- **MOVIE** - To play back movie files
- **TEXT** - To display texts (*.txt)

Depending on the selected option you will have various available functions. These will be shown in the lower part of the screen.

Basic OSD Menu Settings

You can customise certain functions of the OSD (On-Screen Display) menu.

Navigating within the Menu

- Press the **MENU** button to activate the OSD.
The available options are displayed on the lower edge of the screen.
- You can use the direction keys **▲ ▼** to select the options from the main menu.
- Use **▶** to switch over to the menu entries.
- You can use the direction keys **▲ ▼** to select the options from any of the menus.
Press **MENU** to return to the main menu.
- Use the direction button **▶** to access a sub-menu (not every menu has a sub-menu option).
Press **MENU** to return to the next-higher menu.
- Use the direction buttons **▲ ▼** to enter a desired value or make another selection.
- Press **MENU** to close the menu and also confirm your selection.

Please remember that the menu will close automatically after a couple of seconds if you don't press a button.

You can select the following main menus:

- Menu **CHANNEL**
- Menu **PICTURE**
- Menu **SOUND**
- Menu **TIME**
- Menu **LOCK**
- Menu **SETUP**

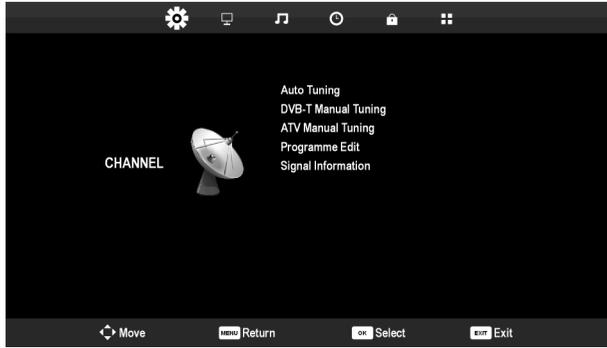
Note

Technical changes to the device means the menus described here may differ from the menus actually displayed on the screen.

Not all menus will be available, depending on the source you have selected. Switch to a different source to access all available menus.

Menu System

CHANNEL Menu



Menu item	Setting	
Auto Tuning	Perform the search here.	
DVB-T Manual Tuning	You can program individual channels in DTV mode manually here.	
ATV Manual Tuning	You can program individual channels in ATV mode manually here.	
	Current CH	Use this to select the channel you would like to address.
	Colour System	PAL, SECAM, Auto. For Australia, the colour system is set to PAL .
	Sound System	BG, DK, L, I. For Australia, the sound system is set to BG .
	Fine-Tune	Press ◀ ▶ to carry out the fine adjustment.
	AFC	Set the automatic fine adjustment to On if this is your continuous choice.
	Search	Start the channel search with ◀ ▶
Program Edit	You will see the currently saved channel here. Each channel can be customised as follows:	
	<p>Delete</p> <p>Select the program you would like to delete and press the red button on the remote control called [PROGRAM].</p> <p>Press the Yes ◀ key if you are sure that you wish to reset the transmitter. Press the No ▶ key if you wish to stop the process.</p>	

	<p>Rename</p> <p>Select the transmitter that you wish to rename and press the green [INTRO] key.</p> <p>Now, you will be able to change the first letter; you will be able to scroll up and down through the letters with the ▲ ▼ direction keys.</p> <p>Move to the next drive letter with ► direction key, etc.</p> <p>Press the green [INTRO] key again at the end to save the name.</p> <p>Move</p> <p>Select the program and press the yellow button [REPEAT]. Move the channel with ▲ ▼ to the desired position and press the yellow button [REPEAT] again. The other channels will be rearranged accordingly.</p> <p>Skip</p> <p>Select the channel you would like to skip while scrolling through the channels using the buttons CH+/- and then press the blue button [A-B].</p> <p>You can still select this channel by using the number buttons.</p> <p>Fav</p> <p>To save a station to a favourites list, highlight it and press the button FAV. Call up the favourites list by using the remote control buttons.</p>
Signal Information	<p>The signal information of the set station is displayed here.</p> <p>This option is only available in the DTV mode.</p>

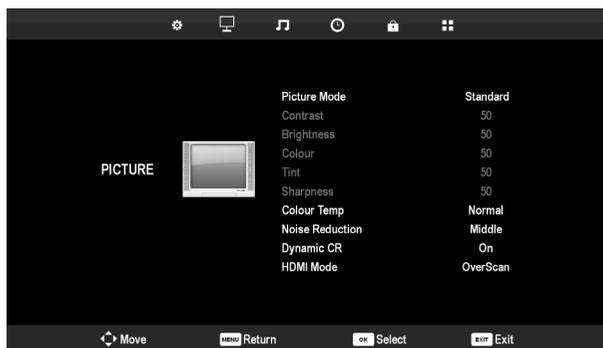
Tuning the Video Recorder (VCR) Manually

You can use **ATV Manual Tuning**, for example, to tune a video recorder (VCR) to the LED LCD TV.

Connect the TV and the video reorder via the antenna cable and set the video recorder to the test signal.

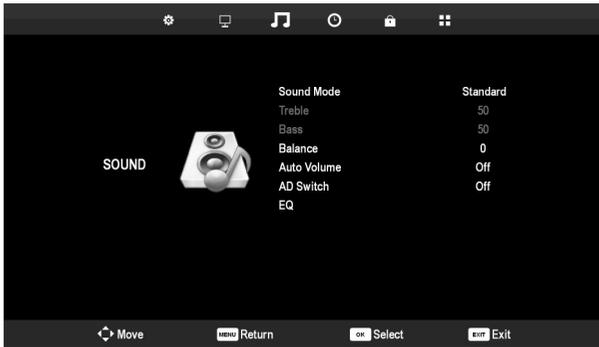
Perform a manual channel search with the LED LCD TV.

PICTURE Menu



Menu Item	Setting
Picture Mode	Select picture mode: Standard, Soft, Personal, Dynamic . This function corresponds to the P.MODE button. The Personal setting lets you set the Contrast, Brightness, Colour, Tint and Sharpness yourself. The other parameters are defined.
Contrast	Increase or decrease contrast (on a scale of 0 – 100).
Brightness	Increase or decrease brightness (on a scale of 0 – 100).
Colour	Increase or decrease colour (on a scale of 0 – 100).
Tint	Hue settings only available for NTSC reception.
Sharpness	Increase or decrease sharpness (on a scale of 0 – 10).
Colour Temp	Select colour temperature: Cold, Normal and Warm .
Noise Reduction	This function reduces picture noise and improves image quality when the signal is weak. Choose between Off, Low, Middle, High and Default .
Dynamic CR	Switch the dynamic contrast on or off.
HDMI Mode	Precise representation in pixels (1:1 setting) or enlarged representation according to the connected HDMI source (OverScan setting). This setting is only available in the HDMI Mode.

SOUND Menu



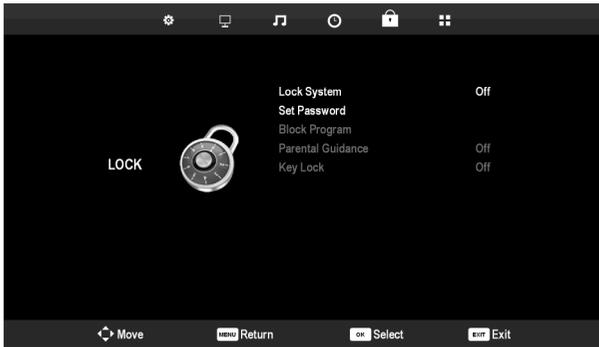
Menu Item	Setting
Sound Mode	Select audio mode: Standard, Music, Movie, Sports, Personal . This function corresponds to the S.MODE button. The Personal setting lets you set the Treble, Bass and Balance yourself. The other parameters are defined.
Treble	Increase or decrease treble (on a scale of 0 – 100).
Bass	Increase or decrease bass (on a scale of 0 – 100).
Balance	Set the balance between the left and right speakers.
Auto Volume	The function AVL (Automatic Volume Limiting) compensates for the various volumes of the different channels. If you set to Off , you will hear the original volumes. If you set to On , you will hear a balanced volume.
AD Switch	Activate narrator mode. Available only in DTV mode. Support depends on the network provider.
EQ	Set the equaliser and optimise the sound to your individual taste.

TIME Menu



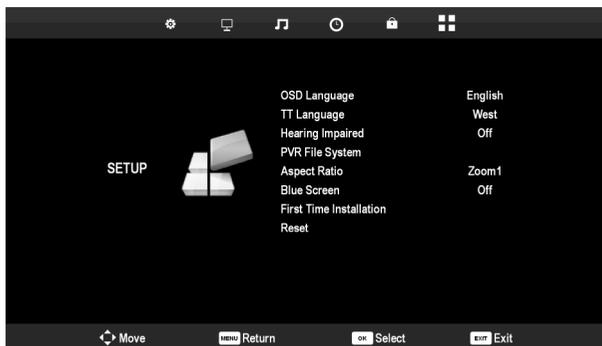
Menu Item	Setting
Clock	Time display. No setting possible.
Time Zone	This lets you set the time zone. This option is only available in DTV mode.
Sleep Timer	Select a time after which the device should switch itself off automatically. Select Off to end the function.
Auto Standby	Set the time by which the LED LCD TV will switch itself off automatically here.
OSD Timer	Set the time after which the OSD menu will close automatically.

LOCK Menu



Menu Item	Setting	
Lock System	This is used to unlock the settings Block Program , Parental Guidance and Key Lock . To do so, enter the password. Delivery state: 0000 .	
Set Password	An input field for entering the passwords will appear.	
	Please enter old password	Use the number buttons to enter the existing password. Delivery state: 0000 .
	Please enter new password	Enter a new four-digit password.
	Confirm new password	Enter the new password again. The appropriate message will appear.
	<div style="border: 2px solid black; padding: 5px; margin-bottom: 10px;"> <p>Information</p> <p>Note the new password. It will not be set back at the recreation of the factory settings.</p> </div> <p>Use 7948, the master password, if you have forgotten your password.</p>	
Block Program	Specify here which stations should be blocked.	
Parental Guidance	Here you can select the age.	
Key Lock	This is used to switch the button lock on and off for the controls on the LED LCD TV. The LED LCD TV can then only be operated by using the remote control.	

SETUP Menu



Menu Item	Setting
OSD Language	Select the language of the OSD menu or of the TT language. It will change immediately.
TT Language	This setting is to select the language of the teletext reception function of the TV. Teletext/Austext service has been discontinued in Australia, therefore this setting has no effect.
Hearing Impaired	If the station transmits special audio signals for the hearing impaired, you can set the setting to On to receive these signals. This option is only available in DTV mode.
PVR File System	You will be able to record on a USB storage medium through the USB connection with your LED LCD TV. The USB storage medium will have to be formatted before you can start the recording. Carry out the formatting by means of this Menu point. You will start the recording directly by means of the red [PROGRAM] button or through the EPG Menu.
Aspect Ratio	Set the picture format here. This function corresponds to the button ASPECT .
Blue Screen	If the LED LCD TV is not receiving a signal, the screen will turn blue instead of displaying the “snow” or a black background.
First Time Installation	Here you can access the menu for the initial installation.
Reset	Restore the factory settings here. This allows you to reset the device or the memory.

EPG – PROGRAM GUIDE

Open the Electronic Program Guide with the **EPG** button. This function will only be available to you in the **DTV** Mode.

You will see the current and the next station in the Table.

- Select a program with ▲ ▼ .
- Go to the program guide of the program selected with ▶
- Scroll through the stations with ▲ ▼ .

Pay attention to the fact that:

The program information displayed is created by the transmitting organisations. It will not be an error in your LED LCD TV if no program information is shown.

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

Button	Entry	Function
Red Button [PROGRAM]	Record	Set the start and end of the recording on the external storage medium here. You will be able to make the following settings under Mode: Auto = The time will be entered automatically, according to the program selected Once = Manual entry of the recording. The recording will only be made once at the pre-set time. Every Day = Manual entry of the recording. The recording will be started daily at the pre-set time. Weekly = Manual entry of the recording. The recording will be started weekly at the pre-set time. Only press the button once to leave the Recording Menu.
Green Button [INTRO]	Display	Shows a detailed description of the marked program (if available). Press the button again to fade out the description.

Yellow Button [REPEAT]	Schedule	Shows the list of the programs that have been programmed by the Memory function. See the next point for the programming of a memory. You can delete a program from the timetable with the red [PROGRAM] button.
Blue button [A-B]	Remind	Puts the selected program into the timetable. The device will switch to the program set automatically as soon as the time programmed is reached. . It will not be possible to store the current program in the memory.
▲ ▼ ◀ ▶	Move View	Move within the Program Guide with the direction buttons.
▶▶	Next Day	The program of the next day will be called up.
◀◀	Previous Day	The program of the previous day will be called up. This is only possible on the current day. The past program will not be shown.
OK	OK	Confirm your selection or the setting.

Connecting External Devices

Connecting Headphones

The headphones are connected via headphone socket.

Caution!

Using headphones at high volume generates excessive acoustic pressure and can result in permanent hearing damage. Before pressing play, set the volume to the lowest setting. Start playback and increase the volume to a comfortable level. Changes to the basic equaliser settings can increase the volume and thus damage your hearing permanently.



Using headphones to listen to a device at high volumes for an extended period can damage your hearing.

Connecting an External DVD Player

There are a number of options for connecting a DVD player.

1. With a SCART Adapter

If the external DVD Player is equipped with SCART connection, then connect the DVD Player directly to the SCART connector at the back of the TV.

2. Stereo RCA Cable and a Video RCA Cable

If connecting RCA AV (yellow, red and white connectors) output from the DVD Player, then follow this procedure:

- Connect video RCA cable (yellow jack) to the video input of the SCART adapter.
- Connect stereo chinch cables (red and white jacks) to the audio input of the SCART adapter.
- Plug in SCART adapter to the SCART connector at the back of the TV.

3. Component Video Cable (3 x RCA)

- If the DVD player has component outputs, we recommend connecting the player to the Component inputs on the LED LCD TV using a component cable (RCA cable green/blue/red).

Important!

Use the component adapter supplied with the device exclusively.

- Connect a stereo RCA cable (red and white jacks) to the AUDIO L – R inputs to transmit audio.

4. HDMI Cable

- If your device has a HDMI output, connect a HDMI cable (not supplied) to the HDMI input of the LED LCD TV and to the HDMI output of the external device.

Connecting a Camcorder

With a Stereo RCA Cable and a Video RCA Cable

- To play back images and sound on your LED LCD TV connect the camcorder to the AUDIO-IN sockets and VIDEO-IN sockets on the LED LCD TV.

Device with HDMI or DVI Output

HDMI ("High Definition Multimedia Interface") in consumer electronics is the only interface that transmits audio and video data simultaneously. It handles all image and sound formats currently in use, including HDTV (High Definition TV), which means it can also display resolutions of 1080i without any loss in quality.

Many consumer electronic devices, e.g. DVD players, are now equipped with HDMI outputs.

Connecting an External Device with HDMI Output

- Switch both devices off.
- Connect a HDMI cable (monitor cable; not supplied) to the HDMI input of the LED LCD TV and to the HDMI output of the external device.
- Switch the LED LCD TV on when the HDMI device is connected.
- Switch on the external HDMI playback device.

Connecting an External Device with DVI Output

If the external device has a DVI output then you can also connect it to the HDMI input (HDMI is downwards compatible to DVI – "Digital Visual Interface"). For this you will need a HDMI-DVI adapter. The DVI output does not transmit sound so you will have to connect an audio cable in addition.

Connect a stereo RCA cable with 3.5-mm jacks to the VGA AUDIO-IN socket to transmit sound.

Connecting a PC or Notebook

The LED LCD TV is connected to your PC or Notebook like a monitor or additional monitor. The picture on your notebook or PC is then transmitted to the LED LCD TV.

Connect the LED LCD TV to the PC as follows:

- Switch both devices off.
- Connect a VGA cable (monitor cable; not supplied) to the VGA input of the LED LCD TV and to the graphic card output of the PC or Notebook.
- Tighten up the screws of the monitor cable with your fingers, so that the plug is correctly seated in the socket.
- If you want to transmit a sound signal, connect an audio cable from the PC AUDIO-IN socket and PC/notebook Audio output
- First switch on the LED LCD TV.
- Then switch on the PC/notebook.

If you use the LED LCD TV as a second monitor for your PC you might have to change the display properties of your operating system. To do this please read the operating instructions of your PC/notebook to find out the operational requirements if more than one monitor is used.

Troubleshooting

Malfunctions can sometimes have quite trivial causes, but on other occasions they are the result of defective components. We would like to give you a few options for rectifying your problem. If these tips don't do the trick, then we'll be more than pleased to help you out. Just give us a call! You'll find the phone numbers on the back inside cover, under the warranty conditions.

Fault	Solution
There is no picture and no sound.	<ul style="list-style-type: none"> • Check if the power cable is inserted properly into the socket and connected properly to the device. • Check if the signal receiver is set to TV. • Check to ensure the switch on the power cable is on.
There is no picture. There is no AV picture.	<ul style="list-style-type: none"> • Check to ensure the contrast and brightness settings are correct. • Check if all external devices have been connected properly. • Check to ensure you have selected the correct AV source.
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.
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 PICTURE 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.

<p>There are stripes on the display or the colours are faded.</p>	<ul style="list-style-type: none"> • Is there interference from another device? • Transmission antennae on radio stations, amateur radios and portable phones can also cause interference. • Operate the device as far as possible from the device that might be causing the interference.
<p>The buttons on the device are not working properly.</p>	<ul style="list-style-type: none"> • The child lock might be on.
<p>The remote control does not work.</p>	<ul style="list-style-type: none"> • Check if the batteries are fully charged and have been inserted in the right direction. • Ensure the sensor field is not exposed to strong light. • Switch off the device at the power cable and then on again. • Check if the TV function is active by pressing the TV button on the remote control.
<p>Disc</p>	
<p>The disk will not play, although ▶ (PLAY) is being pressed, or stops again at once.</p>	<ul style="list-style-type: none"> • Has the disk been inserted with the written side to the front? • Check whether the disk is damaged by inserting another disk. Wipe the disk carefully from the centre to the edge with a soft, dry cloth, if it is dirty. • DVD: Does the DVD have the correct regional code (4)? • Condensation has formed; give the device one to two hours to dry out.

Do You Need More Help?

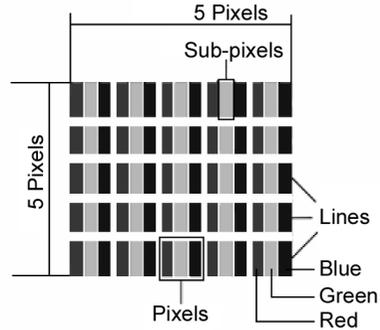
If the suggestions in the previous section did not rectify your problem please contact us. The following information would help us:

- What is the MD Number?
- 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 your customer number if you have one.

LCD TV pixel faults

Despite the most modern production methods, the highly complex technology involved in producing this type of device means there may be individual or multiple pixel drop-outs (dead pixels). This is rare, however.

For active matrix TFTs with a resolution of **1366 x 768 pixels**, which are each made up of three sub-pixels (red, green, blue), there are a total of **approx. 3.2 Mio.** control elements in use. Occasionally one or more pixels can fail or become incorrectly controlled because of this very high number of transistors and the associated extremely complex manufacturing processes used.



Description		Accepted number
Bright sub-pixel	1 sub-pixel	≤ 1
	Two adjacent (horizontal/vertical)	≤ 0
Separation	Minimum distance between bright and dark sub-pixels	≥ 5 mm
Dark sub-pixel	Single	≤ 8
	2 adjacent	≤ 2
Separation	Minimum distance between bright and dark sub-pixels	≥ 5 mm
Total number of bright and dark sub-pixels		≤ 10

The table describes the maximum number of pixel failures allowed on the screen, without a warranty claim arising. A warranty claim can be made in some cases if the above number of defects in a category is exceeded.

Cleaning

You can increase the lifespan of your device as follows:

Caution!

Always unplug the unit and disconnect all cables before cleaning.

- To protect the TV from scratches, protective film has been applied to the high-gloss finish. Remove the films after you have set up the TV set 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 if you apply too much pressure when wiping down the high-gloss finish, you could scratch the high-gloss finish.
- Do not use solvents, corrosive or aerosol detergent to clean.
- Clean the screen with a soft, lint-free cloth.
- Ensure that no water droplets remain on the LED LCD TV. Water droplets may result in permanent discolouration.
- Do not place the screen in strong sunlight or near ultraviolet light.
- Store the packaging material in a safe place; only use this box to transport the LED LCD TV.

Caution!

None of the parts inside the housing require cleaning or maintenance.

Disposal

Packaging



Your device has been packaged to protect it from sustaining damage in transit. The packaging is made of environmentally-friendly material which can be recycled.

Device



At the end of its service life, the device should not be disposed of with the household rubbish. Please enquire about the options for environmentally-friendly disposal.

Batteries



Do not dispose of used batteries in the household rubbish! They should be taken to a collection point for used batteries.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Shielded interface cables, if any, must be used in order to comply with the emission limits.

Technical Specifications

Description:	P13102 (MD 21097)
Nominal voltage:	220-240V ~ 50 Hz
Screen size:	47 cm (18.5") TFT; 16:9-Display
Power consumption:	max. 36 Watt
Power consumption on standby:	< 0.5 W
Physical resolution:	1366 x 768
TV system:	PAL, SECAM, B/G, D/K, K', I/I, L/L'
Channels:	VHF (Band I/III) UHF (BAND U) HYPERBAND KABEL-TV (S1-S20) / (S21-S41) DVB-T (free to air)
Audio:	Stereo / Nicam
Program Storage Sorting:	199 (ATV) / 400 (DTV)
Antenna input:	75 Ohm
Connectivity:	1 x Antenna In (analogue/digital) 1 x USB In 1 x VGA In 1 x VGA Audio In 2 x HDMI In (with HDCP Decoding) 1 x Component In Adapter 3.5 mm (YPbPr/YUV) 1 x SCART-to-AV Adapter 1 x AV In 1 x RCA Audio In (AV/component shared audio) 1 x Headphones In
Drives	USB, Disc
Formats supported:	DVD+R/RW, DVD-R/RW, CD-R, CD-RW
Laser performance of the DVD player	Laser Class 1

Pay attention to the  imprint, if you use audio CDs.

Please pay attention to the following:

There are many, partly non-standardized CD recording processes and copy protection processes, and different CD-R and CD-RW blanks today. Input errors or delays can arise in individual cases because of this. This is not a defect in the device.

Permissible ambient temperature	+5 °C - +35 °C
Permissible relative air moisture	20 % - 85 %
Dimensions (W x H x D, with stand):	Approx. 456 x 339 x 160 mm
Dimensions (W x H x D, without stand):	Approx. 456 x 312 x 52 mm
Weight with Stand:	3.9 Kg
Weight without Stand:	3.7 Kg

Remote Control

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



Please note:

If, as a result of an unforeseeable combination of operating steps, faulty data transfer or electrostatic discharge the LED LCD TV can no longer be operated, always unplug the power cable from the mains and then reconnect and switch on the device.

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