
Art

TV

Art 32



35741000



Quick guide

LOEWE.

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Thank you

for choosing a Loewe TV set!

Loewe stands for the highest demands in technology, design and user friendliness. This applies equally for TV, video and accessories.

In addition to the elegant design and the many different possible colour combinations and installation possibilities, your Loewe TV set also offers many technological options.

Loewe Image+

State-of-the-art full HD LCD displays with LED backlit TV technology guarantee the best image quality and high contrast values and all this at lowest possible energy consumption.

Loewe Digital+

The integrated Triple Tuner for DVB-T/C/S allows you to receive standard as well as high-definition content and thanks to CI Plus interface even pay TV¹.

Loewe Media+

The Loewe Multimedia functions offer you a multitude of options: via MediaHome you have access to your photos, videos and music in your home network or on the USB stick.

Loewe MediaNet and MediaText help you to access numerous worldwide web-applications and contents from HbbTV services.

About this quick guide

This user manual only gives you a short overview of the most important functions of your TV set.

You can download a **detailed**, up to date **user manual** using the Loewe support portal (page 29) on our website.

i For best results regarding safety and the longevity of the set, we recommend you read the chapter **For your safety** (page 4) before switching it on for the first time.

The functions of the Loewe TV set are largely self-explanatory. However, should you have any questions, the integrated **index** and the **info display** (see page 11) can assist you further.

Paragraphs which begin with the symbol **i** indicate important instructions, tips or conditions for the following settings.

Terms which you will find in the menus or printed on the remote control or TV set are written in **bold** type.

The necessary control elements are shown in the descriptions to the left of the text containing the instructions for action.

Depending on the connected accessory equipment the menus in the TV set can differ from those described here.

All channel names and programme contents as well as the photos shown, song titles, albums and album images used in this quick guide are only meant to serve as examples.

General information on menu operation of the TV set

For further information on the user interface and the general operation of your TV set see page 10.

Interactive data services

In some countries the stations also broadcast interactive data services with their programmes, leading to the functions of individual keys not being available or only so to a limited extent. You can find out more about this starting from page 19.

Scope of delivery

- LCD TV set
- Table stand
- Mains cable
- Remote control Assist with two batteries
- Quick guide
- Adhesive cable ties
- AV adaptor (SIDE AV)
- Installation instructions for table stand
- Screws for table stand

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¹If you wish to view encrypted channels then you will require a decoding module (CA module); these are easily available in specialist stores.

For your safety, and to avoid unnecessary damage to your unit, please read and follow the safety instructions below:

Intended Use and ambient conditions

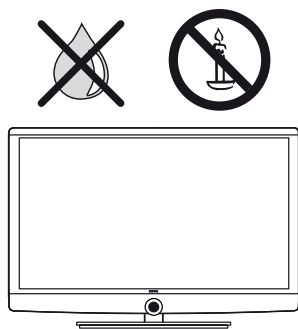
This TV set is intended exclusively for receiving and playing visual and audio signals. It must not be used in rooms with a high level of **humidity** (e.g. bathroom, sauna) or a high **dust concentration**. The manufacturer's warranty is only valid for use in the specified permissible environment.

If the unit is used outdoors, make sure that it is protected from **moisture** (rain, dripping water and splashing water or dew). High humidity and dust concentrations lead to leakage currents in the device. This can result in a shock hazard when touching it or even fire.

If you have moved the unit out of the **cold** into a warm environment, leave it switched off for about an hour to avoid the formation of **condensation**.

Do not place **objects** containing **liquids** on top of the unit. Protect the appliance against dripping and splashing water.

Candles or **naked flames** must be kept away from the TV set at all times to prevent it from catching fire.



Never place the TV set in a location where it is exposed to **vibrations**. This can lead to material overload.

Transporting

Only transport the device in **vertical position**. Grasp the device on the upper and lower edges of the housing. If the table stand is not installed (e.g. if the unit is to be installed on a wall), then under no circumstances should you set down the TV set on the protruding control unit on the underside. This could damage the control unit.

If the set has to be put down during packing/unpacking, place the TV set with the entire front surface lying flat on a soft underlay such as a blanket or the felt from the packing material.

The LCD screen is made of glass or plastic and can break if not handled properly.

Always wear rubber gloves to carry the TV set if the LCD screen is damaged and **liquid crystal** might be leaking out. In the case of **skin contact** immediately wash thoroughly with water.

Power supply

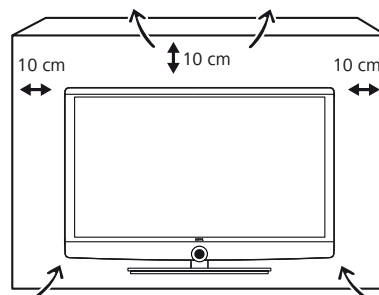
Incorrect voltages can damage the unit. This device may only be connected to a power supply with the voltage and frequency indicated on the type plate using the supplied mains cable. The **mains plug** of the TV set must be easily accessible so that the device can be disconnected from the mains at any time. When unplugging the unit from the mains, pull at the connector body and not at the **cable**. The cables in the mains plug could otherwise be damaged and could cause a **short-circuit** when plugged in again.

Lay the **mains cable** so that it can not be damaged. The power cable may not be kinked or laid over sharp edges, stood on or exposed to **chemicals**; the latter also applies to the unit as a whole. A power cable with damaged insulation can cause **electric shocks** and poses a **fire risk**.

Air circulation and high temperatures

The **vent slots** on the **rear panel of the set** must always be kept unobstructed. Please do not place newspapers or cloths on/over the TV set.

Make sure that there is at least 10 cm free space on the sides and above the set for air circulation, if the set is placed in a **cabinet** or on a **shelf**.



Like any electronic device, your TV set requires **air for cooling**. Obstruction of the air circulation can cause fires.

Prevent **metal items**, needles, paper clips, liquids, wax, or similar items, from getting into the interior of the device through the **vent slots** in the rear panel. Such objects can cause **short circuits** in the set, which could possibly cause a fire.

If something should get into the **interior of the set** then immediately unplug the mains plug of the device and contact the **field service** for more information.

Set-up

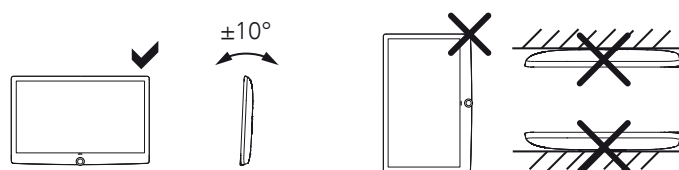
The set is suitable for mounting in many different ways. Note the assembly instructions regarding the different possible mounting options.

Before setting up the device, please check that the final location is suitable to bear the load of the device in terms of surface (sensitivity to pressure) and stability (statics).

This is particularly the case for the high-gloss painted surfaces and surfaces that are made from real wood/real wood veneer.

Place the TV set with the table or floor stand only on a **level, sturdy, horizontal base**. Particularly make sure that the set does not protrude to the front when placed in or on pieces of furniture.

Place the TV set in a normal position for use. The TV set may only be used in an upright **horizontal** position. It may not be tilted by more than 10 degrees. The TV set must never be operated in portrait position, lying flat or hanging overhead from the ceiling.



Set up the device where it is not exposed to direct **insolation** and where it is not exposed to additional heating by **radiators**.

About the LCD screen

The TV set with LCD screen you have purchased satisfies the most rigorous quality requirements and has been inspected with respect to **pixel errors**. Despite of thorough care when manufacturing the display, it cannot be 100% guaranteed that no **subpixel** defects will occur due to technical reasons. Please understand that these types of effects, as long as they are within the limits specified in the standard, cannot be considered as a device defect in terms of the guarantee.

Avoid displaying still images for long periods of time. It is possible that a copy of the image may remain visible.

TV sets with 3D function

Read the following safety instructions before using the 3D function of your TV set.

Please only use the Loewe 3D devices with the **Loewe Passive Glasses 3D** that can be purchased as an accessory from your Loewe dealer.

People that have a visual disorder may not be able to perceive 3D effects or may only be able to perceive them to a limited extent.

It might take some time for you to get used to the 3D glasses and before you can perceive the 3D effects properly.

Stop using the 3D devices immediately if you experience any feelings of nausea, dizziness or malaise when viewing 3D content.

Supervise children whilst they are viewing 3D content, as they can be particularly sensitive to it.

Allow more time for a break after having watched 3D movies, so that you are able to relax. Failure to do so could result in headaches, fatigue, dizziness or malaise.

Position yourself comfortably in front of the 3D TV set and ensure that you are seated firmly. By doing this, you will avoid any injuries that may occur due to reacting to extreme 3D content.

Supervision

Do not let **children** operate the TV set unsupervised and do not let them loiter and play close to the set. The set could tip over, be pushed off or pulled down from the stand surface and injure someone.

Do not allow the switched-on TV set to run **unattended**.

Volume

Loud music can lead to ear damage. Avoid extreme volume especially over long periods and when using headphones.

Thunder storms

Pull out the **mains plug** and all connected **antenna cables** from the TV set in a thunderstorm. Overvoltage caused by **lightning strokes** can damage the set via the antenna system, as well as via the mains. The mains plug and all connected antenna cables should also be pulled out during long periods of **absence**.

Automatic shutdown

If the TV is not operated for 4 hours (adjustment of volume, programme change, etc.) the TV will automatically switch to stand-by mode to save energy. A prompt to terminate this shutdown process appears one minute before expiry of the 4 hours.

The automatic shutdown is generally active for the TV mode as soon as the energy efficiency mode **Home Mode** is enabled for at least one of the signal input groups. This also applies if another energy efficiency mode is selected during initial installation, but one of the signal input groups is subsequently set to **Home Mode**.

Automatic shutdown does **not** occur when using the radio **without** screen display (**screen off**).

Cleaning and care

i Switch off the TV set with the main switch prior to cleaning.

Clean the TV set, the screen, and the remote control unit with a soft, moist, clean and colour-neutral cloth only, **without** any **aggressive** or **scouring cleaning agents**.

Repairs and accessories

Never remove the back of the TV set yourself. Have your TV set repaired or serviced by **authorised television technicians** only.

Only use **original accessories** such as Loewe stands, if possible.

Technical information



Format USB storage media which you want to use with the TV set before first using **TV MENU → Settings → Miscellaneous → Format external hard disk**.

Switching off the TV set with the mains switch during operation or an inadvertent disruption to the power supply (e.g., power failure) can cause damage to the USB hard disk/ USB stick file system and hence loss of the recorded broadcasts. **Always** return the TV set to Standby mode before switching it off with the main switch.


However, if unexpected problems occur when operating the hard disk, formatting the hard disk may rectify this. You can find the corresponding menu items under **TV MENU → Settings → Miscellaneous → Format external hard disk**.

Loewe is not liable for data being lost from USB hard disks/USB sticks.




Set operating mode

-  TV operation
-  Radio operation (standard assignment)



On/Off of the television set

-  On/Off device in standby
(Main switch must be turned on)





Selecting stations

-  **OK** Call station overview and with
◀ ▶ ▲ ▼ Select station
- or
-  **P+ / P-** Next / previous channel
- or
-  Select station with numeric buttons


Sound

-  **V+ / V-** Increase / reduce volume
-  Sound on/off









Colour button function during TV operation

-     **Red button:** Start HbbTV or interactive data service
- Green button:** Teletext subtitles
- Yellow button:** Last selected station
- Blue button:** Programme information

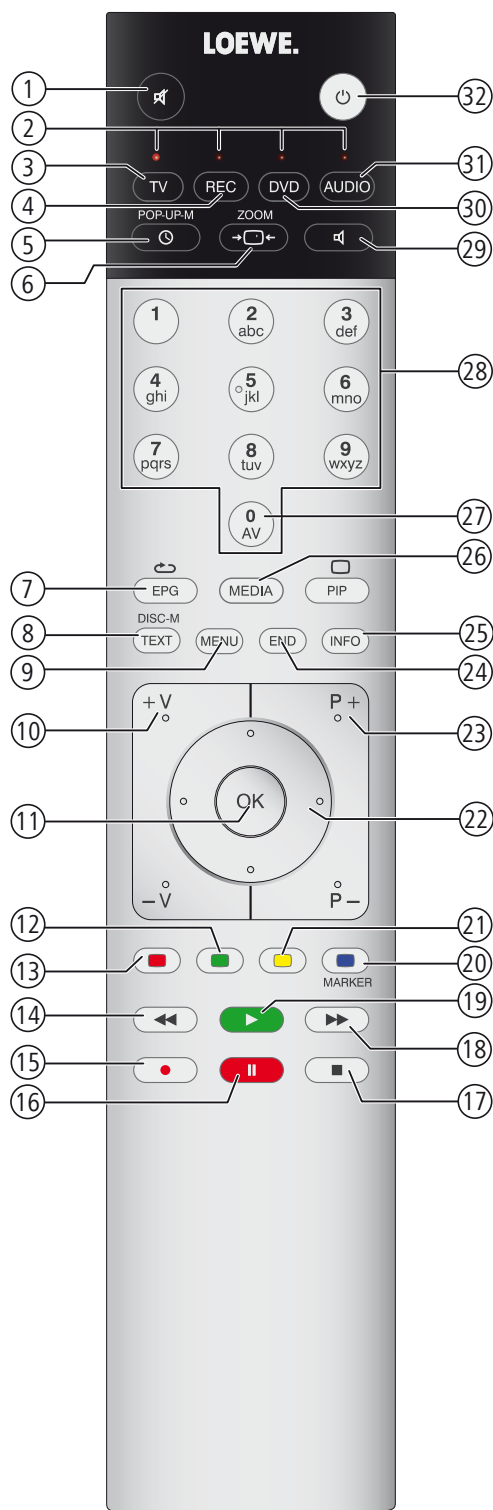
Colour button function during radio operation

-     **Red button:** On/Off screen
- Yellow button:** Last selected station

Button functions

-  Call MediaPortal
-  with on-screen display: Info display, info text appropriate to the content that can assist you further, should you have any questions about your TV device;
without on-screen display: Access status display, show the programme information (if present) when the status window is open and the button is repeatedly pressed
-  Open Timer list / archive ¹
Press button twice in quick succession:
Show / hide time permanently
-  Adjust picture format
-  On/Off EPG (Electronic Programme Guide)
-  On/Off teletext / MediaText
-  Call menu
-  With opened menu: Exit menu;
Terminate inserts

¹ Only if USB storage devices are connected.

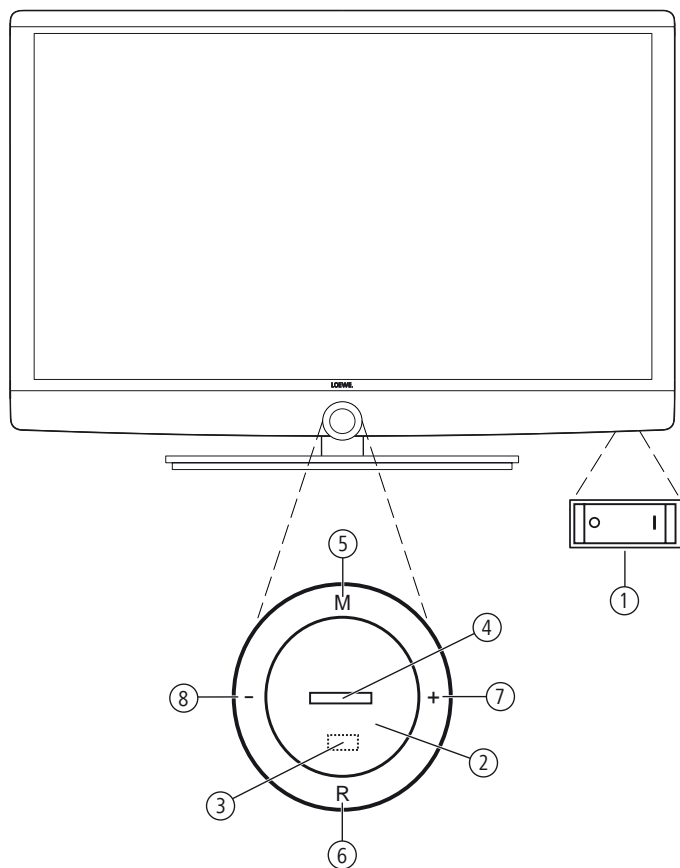


- ① Sound off/on(page 16)
- ② LED display for current operating mode
- ③ Switch over to TV mode
- ④ Switch over to operate recorder¹
- ⑤ Call archive¹ / Timer list on/off / Permanent display of time (page 20; 13)
- ⑥ Set picture format(page 16)
- ⑦ Electronic Programme Guide on/off(page 18)
- ⑧ Teletext on/off(page 18)
- ⑨ Menu on/off..... (page 10)
- ⑩ **V+ / V-** Increase / reduce volume(page 16)
- ⑪ Station list on(page 14)
in the menu: Confirm/call (page 10)
- ⑫ Green button: Teletext subtitles(page 13)
- ⑬ Red button: Start interactive data service(page 13)
open the DR archive.(page 20)
- ⑭ Select station down / Jump¹ / Rewind¹
- ⑮ Direct recording¹
- ⑯ Timeshift television¹
- ⑰ End timeshift¹ / End archive playback¹
- ⑱ Select station up / Jump¹ / Fast forward¹
- ⑲ Continue (time shift viewing)¹(page 20)
- ⑳ Blue button: Programme info on/off(page 13)
- ㉑ Yellow button: Switch to the last viewed channel(page 13)
- ㉒ In the menu / in lists: Select/Set (page 10)
- ㉓ **P+ / P-** Select station up/down(page 14)
- ㉔ Close all displays (page 10)
- ㉕ Status display on/off / in the menu: context-relevant info on/off (page 17; 11)
- ㉖ MediaPortal on/off(page 12)
- ㉗ AV selection(page 15)
- ㉘ Select station directly / in the menu: Enter numbers or letters(page 14)
- ㉙ Set Sound adjustment(page 16)
- ㉚ Switch over to operate DVD player²
- ㉛ Switch over to radio mode²(page 19)
- ㉜ Switch on/off to standby mode

The key assignment displayed here is valid for the main menu level of the TV set.

¹ Only if USB storage devices are connected.
² The assignment of this button can be changed. The description refers to the standard setting.

Functions of the operating controls



- ⑤ **Key M:**
Call direct control on TV set
in direct control on TV set: up ▲
- ⑥ **Key R:**
Toggle TV mode and radio mode
Direct control on TV set: down ▼
- ⑦ **Key +:**
Station up
Direct control on TV set: to the right ▶
- ⑧ **Key -:**
Station down
Direct control on TV set: to the left ◀

Preparing the remote control unit

Inserting or replacing batteries

Press on the embossed arrow whilst pushing the battery cover down. Only use leak-proof micro-cells of the LR 03 (AAA) Alkali-Manganese type. Do not use different types of batteries and old and new batteries together.

The batteries used must not be exposed to excessive heat such as sunlight, fire or similar!

Pay attention to the correct polarity of + and - when inserting the batteries.

If the batteries are too weak after longer use, the TV set prompts you to change the batteries. Dispose of used batteries in an environmentally friendly way (see page 29).

Push the cover back on from below after having inserted the batteries.








Adjusting the remote control unit for operating the TV set

 Press the **TV key**.

- ① **Mains switch:**
The mains switch is located on the bottom of the set.
Always return the TV set to Standby mode before switching it off with the main switch.
! The TV set will be completely separated from mains only when you unplug the mains cable.

- ② **On/Off key:**
Switching on in standby mode
Switching off to the standby mode

- ③ **IR receiver:**
Infrared receiver for receiving the remote control commands.

- ④ **Display:**
 -  white: Standby
 -  white, intermittent: TV set starts
 -  green: TV set switched on
 -  red: timer recording active
 -  blue: TV set in standby, background operation active (EPG data updating)

Switching the TV set ON/OFF

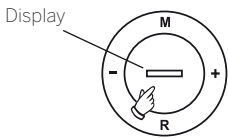
Switching TV set to the standby mode

Press the mains switch at the bottom of the set.

The indicator in the control panel on the front side lights up white. The set is now in standby mode.

Switching the TV set on/off via the local operating panel

To switch the TV set into Operating mode or switch it off to Standby mode, press the button on top of the TV set for about 2 seconds.



i After switching on the TV set, it takes a few seconds for further operating commands to be processed. Your TV set is ready to operate as soon as the status indicator in the control panel lights up in green.

Switching the TV set on by means of the Remote control



Press the **on/off key**.

Or:



Press the **TV key**.

The previously watched station will be called.

Or:



Press **numerical keys 1-9**.

The corresponding station will be called.

Or:



Press the **OK button**

The previously watched station will be called.

Or:



Press the **MEDIA button**

MediaPortal is called.

i After switching on the TV set, it takes a few seconds for further operating commands to be processed. Your TV set is ready to operate as soon as the status indicator in the control panel lights up in green.

Switching the set off with the remote control (Standby)



Press the **on/off key**.

i Before switching off the set with the mains switch, we recommend you to switch it to standby mode.

Operation without remote control

Changing the station on the TV set



+ / - Station up/down.

Switching radio on or off or switching to radio



R Radio on or switch between TV and Radio.

Calling direct control on TV set



M Call **Direct control on TV set** menu.



- / + select function.

M or **R** Go to the menu line below,

- / + make changes.

M Move up one menu line,

- / + select other function.

Explanations of the settings:

Operating mode Switch between TV and radio operation.

AV selection Select AV interface.

Volume Setting the volume.

Brightness Set brightness.

Contrast Set contrast.
 The power consumption of the TV set depends directly on the value set here.

Picture format Selecting the picture format.

Stations selection Call Station selection.

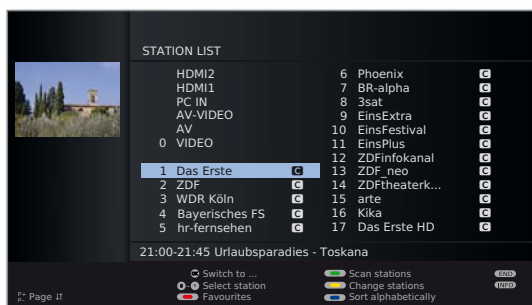
Service **i** The Service menu item is provided for service purposes by dealers only.

General information on menu operation

The operation can be divided basically into two areas: The operation of dropdown lists (e.g. station list, favourites list, EPG etc.) and the menu operation (TV menu etc.) for configuring your TV set.

I If any questions arise during the operation of your TV set, an appropriate info screen can be accessed to help you by pressing the **INFO button** (see also info display on page 11).

Selection list (example: Station list)



▲ ▼ ◀ ▶ You move the cursor by pressing the ring (up, down, left, right).



P+ / P- If more selection options are available than will fit on one screen page **page** **↑** is displayed. You can scroll the pages with **P+ / P-**.



OK The **OK button** calls the selection or confirms the setting.



With the coloured buttons you can select different options depending on the application. The assignment of the coloured buttons is shown at the bottom of the screen.



INFO: Additional information about the screen page.



END: Close/exit dropdown list.

Inputs with the numeric buttons



Letters have to be entered for specific functions. When using the remote control, press the **numeric buttons** just as on a telephone keypad (0-9) until the desired symbol is displayed.

The available letters are printed on the individual numeric buttons.

Menu operation (example: TV menu)

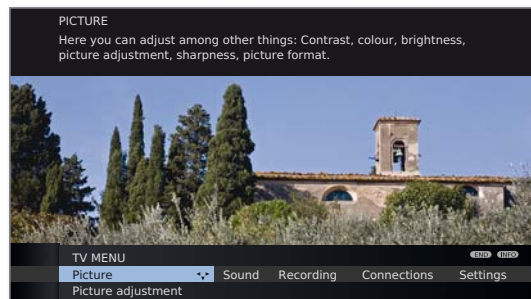
Menus for the individual modes (TV, radio, EPG, teletext, MediaPortal and archive¹⁾) are called with the **MENU button**.

The menus are displayed at the bottom of the screen. At the top you get additional information about the selected menu item (see info display on page 11).

I In normal TV mode, without other displays.



MENU: Call **TV menu**.



- ◀ ▶ Select **Picture**,
▼ go to the menu line below.
- ◀ ▶ Select **Brightness**,
▼ go to the menu line below.
- ◀ ▶ Set **Brightness**.
▲ Return to the **Brightness** menu line to make other picture settings.
- ◀ ▶ Select **more ...**,
OK call **more ...** functions.
- ◀ ▶ Select **Auto format**,
▼ go to the menu line below.
- ◀ ▶ Select **on / off**.



END: Exit settings and close all on-screen displays.

Menu structure

You can find a diagram of the menu structure in the overview diagrams, page 25 and after.

¹⁾ Only if USB storage devices are connected.

The index in the TV set

The index explains the TV functions and the terms that you may be confronted with when operating the TV set. You can start all the assistants and many of the operating functions directly from here. Alphabetic sorting is preceded by the items **Menu language**, **Energy efficiency**, **Integrated features** and **Repeat initial installation**.

Call index

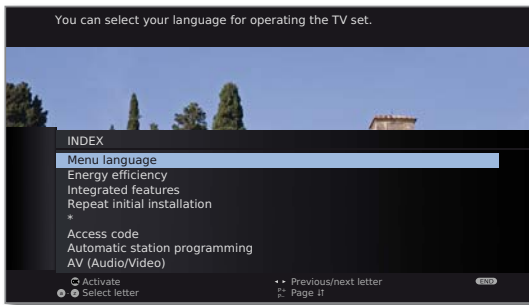


MEDIA: Call **MediaPortal**.



◀ ▶ ▴ ▾ Select **Index**,
OK call.

You will see an info text for the highlighted keyword in the info display.



If an OK symbol appears in the marked line, this function can be called directly with **OK**.

Selecting a keyword



Enter initial letters with the **numeric buttons** like with a mobile phone keypad (see page 10).

or go with:



◀ ▶ to the preceding / next letters,
▾ ▴ from line to line.



P+ / P- Flip forwards or backwards through the pages.

Example: You want to have the TV set switch off automatically at a specific time:
Select the keyword **Switch off** → **Automatic**, with **OK** you can activate the setting.

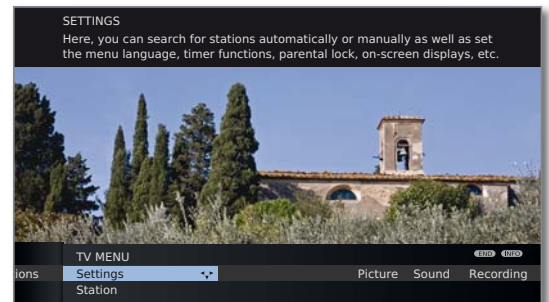
The info display

The info display provides an info text appropriate to the on-screen display that can assist you further with the operation of your TV set. Together with the index it makes for a comfortable operating system.

■ An on-screen display is faded in.

The factory setting is that the info display is shown automatically for each menu item. In this case you can temporarily hide the info texts with the **INFO** button.

The info display can be constantly switched off via the **TV menu** → **Settings** → **Miscellaneous** → **On-screen displays** → **Automatic info** → **no**.



You will also be able to see that there is an info-text available from the displayed **INFO** symbol at the bottom right.



If an info text over several pages is available the number of available pages and **P+ P- Page #** is displayed in the Info window. You can scroll through the individual info pages with **P+** and **P-**.

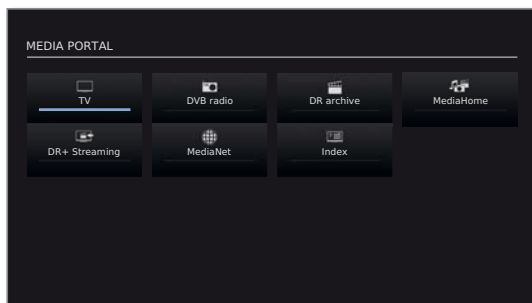
MediaPortal

The MediaPortal is the central overview page for your TV set's functions. From here you can gain access to TV channels, local and online media, digital radio and to the archive of the Digital Recorder¹.

Call MediaPortal

MEDIA

MEDIA: Call MediaPortal.



The individual media and various functions are organised in the MediaPortal.

The number of selectable items varies depending on the TV equipment, network connection, available media/media servers and connected appliances.



◀ ▶ ▲ ▼ Select menu item,
OK call.

Description of the individual functions:

- TV:** Here you call the TV mode of your TV set. See page 14 for further information.
- DVB radio:** Use this to open the DVB radio mode of your TV set to listen to digital radio stations over DVB. See page 19 for further information.
- DR archive¹:** With the **DR archive** you have access to all the recorded programmes contained on any USB storage devices that are connected. See page 20 for further information.
- MediaHome:** Here you have access to your personal storage devices, e.g. to all storage devices connected via USB or to networks with which your TV set is connected. See page 22 for further information.
- DR+ Streaming:** **DR+ Streaming** gives you access to programmes provided by a TV set with integrated hard disc (DR+) in your home network. See page 21 for further information.
- MediaNet:** Here you have access to multimedia content in the Internet as well as a high-quality web browser. See page 23 for further information.
- Index:** Here you have access to the index integrated in the TV set. See page 11 for further information.

¹ Only if USB storage devices are connected.


Button functions

Every operating mode of the TV set (TV, radio, MediaPortal, teletext, EPG and Archive¹⁾) has its own menu and own functions for the coloured buttons.

The function of the coloured buttons is shown at the bottom of the menus and wizards. Below, some of the function are listed which you need in TV mode for the daily handling of your TV set.

Coloured buttons in TV mode

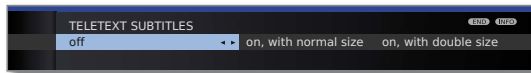
i In normal TV mode without other displays.

 **Red button:** Start HbbTV or interactive data service, if this is available (see page 19).

 **Green button:** Call up subtitles.

i The operation of subtitles depends on the station selected.

Subtitles only for analogue stations:



◀ ▶ Select the size of the teletext subtitles,
OK show teletext subtitles

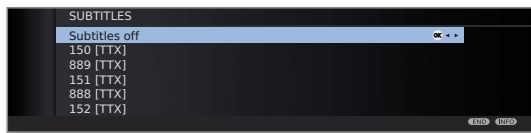
i Subtitles are only shown where they are available.




END: Teletext subtitles off or select **off** in menu.


Subtitles for DVB stations:

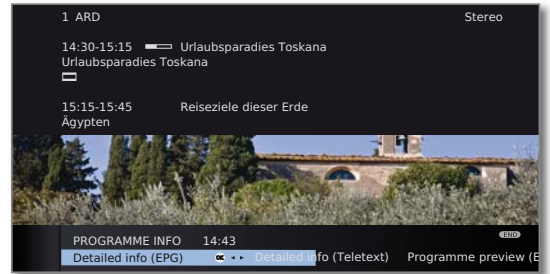
i The DVB subtitles can also be selected via the status display (see page 17).








▲ ▼ Select subtitles,
OK show/hide subtitles.

 **Yellow button:** Go to the last viewed station. Use this button to quickly switch back and forth between two stations.

 **Blue button:** Show the programme info for the programme currently playing and the one to follow.



Explanation of the symbols in the programme information:

-  Programme in 16:9 picture format
-  Programme in high picture definition (HDTV)
-  Programme with Dolby-Digital sound
-  Broadcast of subtitles for the deaf and hard of hearing
-  Programme with youth protection

The symbols may also appear in combinations.

Permanent display of time



Press twice in rapid succession:
 Time is shown/hidden permanently.

¹ Only if USB storage devices are connected.

Select station

Select station with P+ / P-



P+ / P- Station up/down.

The status display with station title, progress bar, time and sound identification signal is shown briefly (see page 17).

i If Favourites are selected, you can change to the corresponding station in the Favorites list using **P+ / P-** (see page 15).

i If there are additional languages or DVB subtitles for DVB stations, then language and subtitle selection is shown below the station display. See also page 17: Selection possibilities for DVB stations.

Select station using the numeric buttons

1-digit stations



Hold the **numeric button** down for a little bit longer: The channel will change immediately.

or:
 Press the **numeric button** briefly, the station changes after 2 seconds (changes immediately in case up to 9 stations are stored).

2-digit (and 3-digit) stations



short short long

Press first (and second) **numeric button** briefly.

Hold the last **numeric button** down for a little bit longer: The channel will change immediately.

or:
 Press all the **numeric buttons** and the channel changes two seconds after the last number was entered (up to 99 or 999 saved channels it will change immediately).

4-digit stations



all short

Press all four **numeric buttons**, the station changes immediately.

i If Favorites are selected, you can change to the corresponding station in the Favorites list using the numeric buttons (see page 15). Maximum two-digit station numbers are possible.

i If you select an unoccupied station slot, the next available station is switched to.

Select station with the station list

i In normal TV operation, without further displays, no favourites selected:



OK Call **Station list**.

Sorting numerically



P+ / P- Scroll in the pages of the station list.



Jump to the next station block.



Mark stations.

or:
 Input the channel number.

The marker will switch to the selected station. The marked station is shown as a small picture.

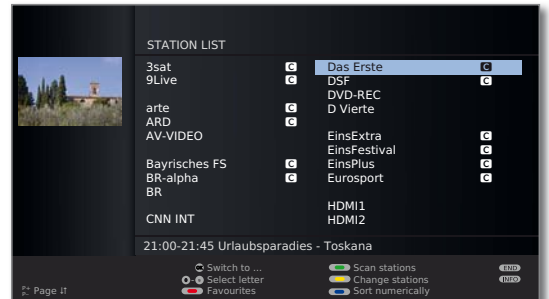


OK The marked station is called.



Blue button: Changes the sorting between **numerically** and **alphabetically**.

Sorting alphabetically



Input the first letter (see also page 10).

The first station for the specified letters is marked.

Mark stations.



OK The marked station is called.

Select station via favourites list

You can save your favourite stations in 6 favourites lists (e.g. for multiple users). Each favourites list can contain up to 99 stations. After initial installation, 10 stations from the station list are already stored in the first list. Change the favourites list to suit your requirements.

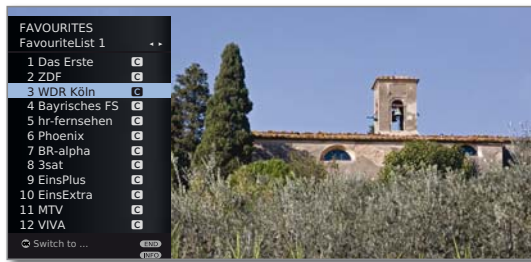
i In normal TV mode, without other displays:



OK Call station list.



Red button: Calls up the last used favourites list.



P+/P- Scroll in the pages of the favourites list.



Select station directly with **numeric buttons**. Or:



▲ ▼ Mark stations.
 ◀ ▶ Select other favourites list.
OK The marked station is called.

i Other favourites lists can only be selected if these contain stations.



Red button: Back to the station list.
Green button: Scan all stations of the currently selected favourites list.
Yellow button: Change the Favourites lists.

Explanation of the favourites lists:

The selection made with the red button (favourites list) is retained until you switch back to the station list with the red button.

If favourites are selected, the name of the favourites list appears in the status display after the station name after changing stations.

Explanation of the icons following station names:

- T** DVB-T station (digital terrestrial via antenna)
- C** DVB-C station (digital via cable)
- S** DVB-S station (digital via satellite)
- C** Coded station
- CI+** CI Plus coded station
- A** Locked station (parental lock)

Select audio/video source

Select the AV source via the AV selection

i In normal TV mode, without other displays:



Call **AV selection**.



▲ ▼ Select desired connection,
OK switch over.

If the selected AV source provides a signal (picture), it should be visible now.

For the **VIDEO** selection the set switches to programme place 0 (signal source cable (analogue), factory setting channel E36). The TV set shows the signal of a provider via antenna. The channel can be changed as required.

Select the AV source via station list

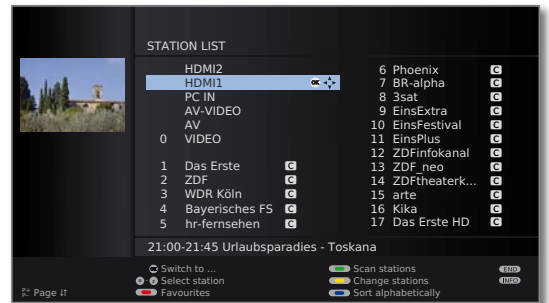
i In normal TV mode, without other displays:



OK Call the station list.
 If the favourites list is displayed, switch to the station list first.

The connections are always at the beginning of the list in numerical sorting.

The connections are sorted into the list in alphabetical order in alphabetic sorting.



▲ ▼ ◀ ▶ Select connection.
OK Switch over.

Adjusting the sound

Switching sound off/on



Sound off.
 Sound on: Press the button again or increase the volume using **V+**.

Setting the volume



V+ / V- Volume louder / quieter.
 The volume bar will be shown briefly if no other menu is displayed.

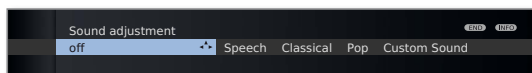
Call sound adjustment



Call **Sound adjustment**.



▼ Go to the menu line below.



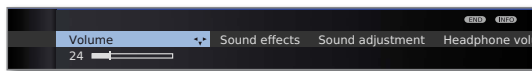
◀ ▶ Select sound adjustment.

Additional sound settings

i As long as the volume bar or the selection of the sound adjustment is still visible:



▲ Call additional sound settings.



◀ ▶ Select sound setting,
 ▼ go to the menu line below.

◀ ▶ Make changes.

Sound settings via the TV menu

i In normal TV mode, without other displays.



MENU: Call **TV menu**.



◀ ▶ Select **Sound**,
 ▼ go to the menu line below.

◀ ▶ Select desired sound setting (right column),
 ▼ go to the menu line below.

◀ ▶ Make changes.

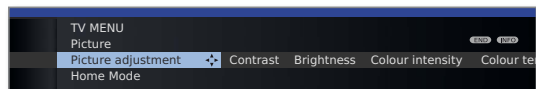
Adjusting the picture



MENU: Call **TV menu**.



◀ ▶ Select **Picture**,
 ▼ go to the menu line below.



◀ ▶ Select the desired picture function,
 ▼ go to the menu line below.

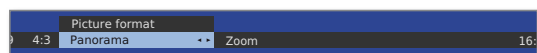
◀ ▶ Make changes.

Selecting the picture format

i If an HbbTV application is being used (see page 19), then the picture format cannot be adjusted.



Press the **Picture format button** until the desired picture format is set or press



◀ ▶ to select the desired picture format.



The **Panorama** picture format can be set between proportionally correct and format filling display. Black bars are visible on the left and right of the picture in the proportionally correct display.



Switch: Keep the **M button** on the TV pressed, at the same time, press the **Picture format button** on the remote control briefly.

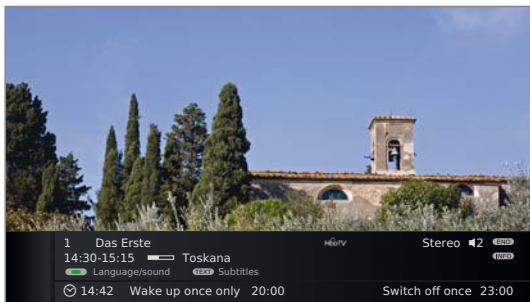
Reset: Press the same button combination again.

Status display

i In normal TV mode, without other displays.



INFO: Show status display.



In the upper two lines, you will see the number and name of the station, the title and transmission time of the programme currently showing (if available) and the sound identification signal.

The bar (if available) indicates the progress of the current programme.

If information about the current programme is available, this can be called by pressing the **INFO button** again; in this case the button on the right is displayed.

A menu (see right column), the time and, if activated, the alarm time and switch-off time appear at the bottom of the screen depending on the DVB station.

The status bar is also shown automatically every time you change channels.

The status bar is hidden automatically at the end of the display time.

If you want to hide the status bar manually before the display time ends, you can only do this with the **END button**.

Selection possibilities for DVB stations

Additional selection options are shown in the status display for the individual programmes (depending on the DVB programme provider).

i If you press the **green button** or the **TEXT button** whilst the status display is showing, the appropriate selection menu will be displayed.

i The selection line is also displayed automatically when a new broadcast with different options to the previous broadcast begins or when you switch stations.

The selection menus are only available as long as the status display is shown. However you can call them again by pressing the **INFO button**.



Green button: Language/sound

The sound formats on offer and their designations depend on the programme being broadcast.



TEXT:

Subtitles

The subtitles available depend on the programme being broadcast.

Explanations of the symbols in the status display:

General symbols:

HbbTV HbbTV mode is on and HbbTV applications are available

Transmitted audio signal:

Mono Mono audio transmission analogue

Dual channel Dual channel sound transmission (Sound1/Sound2) analogue

Stereo Stereo sound transmission analogue

Electronic Programme Guide – EPG

EPG stands for Electronic Programme Guide and provides you with on-screen programme details. With the system, as with a printed programme guide, you can learn about the current programme. In addition programmes can be sorted according to certain topics, memorised, and also recordings can be programmed.

Starting and ending EPG



EPG: Switch EPG on / off.

i EPG is only available for DVB stations.

i The first time you start EPG, an assistant will guide you through the necessary presettings.



The display of the programme guide is divided into two branches. The specifications in the upper section limit the scope of the stations displayed in the lower section.



Blue button: Switches between the upper default lines **Date, ..., Topics** and the lower programme list.

Teletext

Your TV set supports the two operating systems TOP Text and FLOF. Up to 1,000 pages are stored so that you have quick access.

Starting and ending teletext



Switch teletext on / off.



Page selection with the coloured buttons



Red button: Previous page.

Green button: Next page.

Yellow button: To next topic.

Blue button: To next range of topics.

The coloured bars (with TOP text) or the coloured writing (with FLOF text) in the last to bottom line show you which colour button you need to use to select which topic areas and topics.

Additional page selection possibilities

First possibility:



INFO: Call **overview page 100**.

Second possibility:



Directly enter the page number.

Third possibility:

➔ The page consists of several sub-pages.



◀ ▶ Browse sub-pages.

Teletext page displays



0 AV: Stop self changing pages.

HbbTV / MediaText

HbbTV (Hybrid broadcast broadband television) offers the user extensive multimedia content, e.g. media libraries or additional information on the programme that is currently playing (if these are available from the current channel).

MediaText helps you to use the next generation of teletext/videotext for HbbTV.

i The TV must be connected to the Internet to use HbbTV/MediaText. A connection speed of at least 6,000 kbit/s (DSL 6000 or equivalent) is recommended for smooth playback of videos.

Open HbbTV application

If an HbbTV application is available for the chosen channel after changing channels, this will be loaded and a red button symbol will appear.

i HbbTV is offered by the selected channel.

i Connection to the internet established.

 **Red button:** Load / display HbbTV application.




The appearance, key assignment and available functions of the HbbTV applications are dependent on the provider.

Under certain circumstances, the recording and bookmarking functions of the applications may not be supported.

Loewe takes no responsibility for accessibility, functionality or content of HbbTV applications.

Hide / close HbbTV

 **END:** Hide HbbTV application.
The HbbTV application will disappear.

Radio mode


The TV set can receive digital radio stations over DVB. In addition you can play the sound from an external device through the TV set via the **audio/AV inputs** of the TV set.

i The **AUDIO button** has been preset for radio operation in the factory.

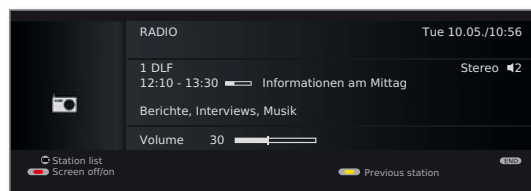
Radio mode on

 Press **AUDIO button** on the remote control.
Or:


 **MEDIA:** Call **MediaPortal**.

 Select **DVB radio**,
OK call.

You see an information window about the currently set station.



Switching the screen on/off

 **Red button:** Switch off the screen.
Switching off the screen reduces the power consumption of the TV set.

Switch on the screen:
Press the **red button** or the **OK button** (station list is opened).

Switch off radio mode

 Press **TV button** on the remote control.

You can use the Digital Recorder of your Loewe TV set to record programmes onto USB storage devices.

Only the most important basic functions will be described in this quick guide. The complete range of functions and the various setting options are described in the detailed user manual for your TV set. This can be downloaded from the Loewe support portal, see page 29.

- i** Connect the storage device you want to use for the recording (e.g. a hard disk) to the lower USB port before switching on the TV set.
- i** Format USB storage media which you want to use with the TV set before first using **TV MENU** → **Settings** → **Miscellaneous** → **Format external hard disk**.

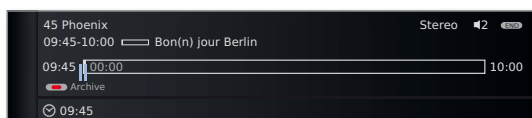
TV viewing with time shift

You can pause live TV and then carry on watching later from the same point at which you paused it.

Interrupt



Press **PAUSE** button.



The TV picture freezes and the drive display appears.

Continue (time shift viewing)



Press **PLAY** button.

You can now watch the TV programme with a time shift from the time you pressed the **PAUSE** button. The Playback symbol **▶** appears in place of the Pause symbol **||**.

Switch to live picture



Press **STOP** button.

You see the station's live picture again.

Fast forward and rewind

During time shift viewing you can fast forward and rewind at three different speeds. Sound is not audible during winding.



Press **⏩** or **⏪** for a little longer.

Jumping

You can jump during time shift viewing by briefly pressing the buttons **⏩** **⏪** in the jump distance set; this enables you to skip uninteresting sections quickly.

If Smart Jump is activated, the jump width is halved every time you change the jump direction. The jump width is doubled if you jump more than three times in the same direction (max. 8 min.).



⏩ Jump forwards.



⏪ Jump backwards.

DR archive

Films that you wish to watch at a later date can be recorded in the archive. You can replay your recordings from the archive.

Open the DR archive



Call **DR active**.

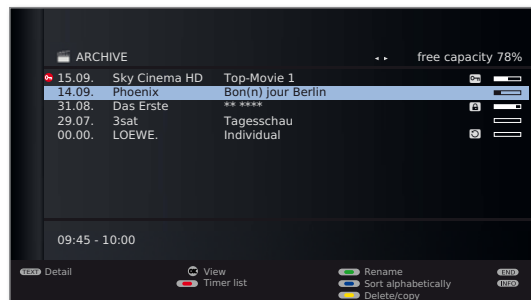
Or:



MEDIA: Call **MediaPortal**.



◀ ▶ ▲ ▼ Select **DR archive**,
OK call.



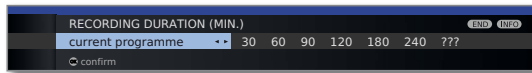
Archive recording

Programmes that you record onto a USB storage device are collected in the DR archive. You can play back a pre-recorded programme from the DR archive whilst another TV programme is being recorded into the DR archive.

Direct recording



Press **RECORD button** briefly: Start direct recording. The **recording duration** selection is called.



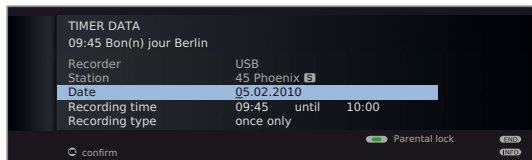
◀ ▶ Select desired recording time.

current programme: The broadcast being watched is adopted in the DR archive.



???: Manually enter the recording duration with the numeric buttons of the remote control.

OK Confirm. Call **Timer data**.



Check the timer data, change if necessary and confirm with **OK**. The recording is started.

Archive playback

All the recorded programmes can be selected in the DR archive and played. During archive playback, another programme can be recorded into the DR archive.

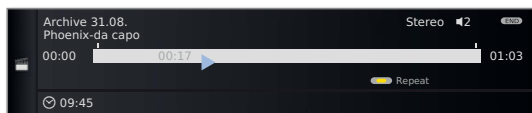
i Recorded programmes can only be played back on the TV set upon which they were recorded.

Playing from the archive

i DR archive opened (see page 20).



▲ ▼ Select the recording.
OK Start playback



When you are watching in archive playback mode, the controls for fast forward/rewind, jumping, Smart Jump etc. are the same as when you are watching TV with time shift (see page 20).

DR+ Streaming

DR+ Streaming gives you access to programmes provided by a TV set that has an integrated hard disk (DR+) in your home network.

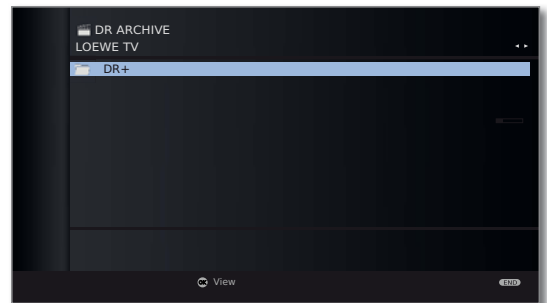
Opening DR+ Streaming



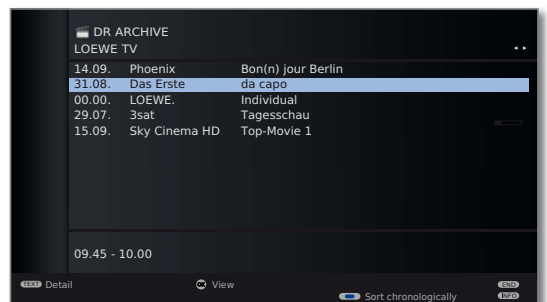
MEDIA: Call **MediaPortal**.



◀ ▶ ▲ ▼ Select **DR+ Streaming**.
OK call.



◀ ▶ Selects the TV set in the network.
OK Select the **DR+** archive of the TV set in your home network.



▲ ▼ Select the recording.
OK Start play.

MediaHome

MediaHome includes both storage media directly connected to the TV set (e.g. USB sticks) as well as data provided in your home network (e.g. from a media server on a PC or a network hard drive).

Open MediaHome

MEDIA

MEDIA: Call **MediaPortal**.



◀ ▶ ▲ ▼ Select **MediaHome**.
OK call.



◀ ▶ ▲ ▼ Highlight desired media source.
OK Open highlighted media source. The available content of the media source is displayed (see right hand column).

i The media sources shown here depend on the devices available/used.

TwonkyMedia Examples with media servers in your home network.
WMP11 The exact designation depends on the media server used.

USB USB storage media on the USB connections of your TV set. The exact designation depends on the relevant storage medium.

Unmounting USB storage media

You should unmount USB storage media properly after use before removing them from the TV set. This avoids a loss of data.



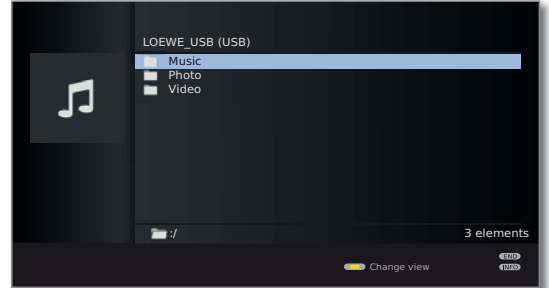
Green button: Unmount USB storage medium before removing it.

General navigation in the media overview

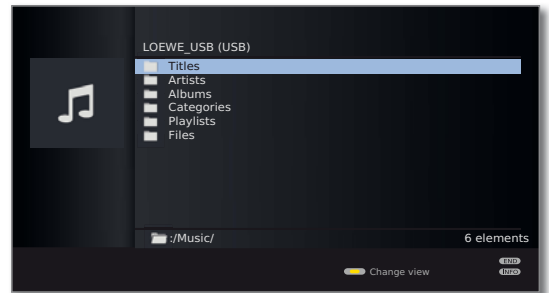
i The graphics on this page typically show a single-column list view. The view can be converted, if required.



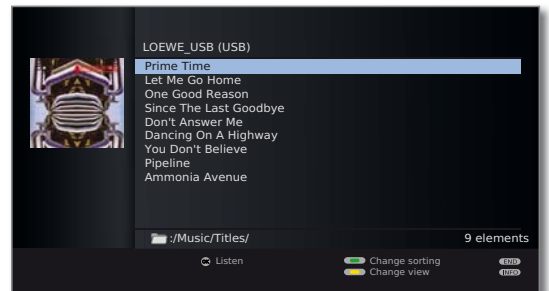
- ▲ ▼ Select desired folder.
- ▶ Open marked folder. The content of the folder opened will be displayed.
- ◀ Go back a folder level if necessary.



◀ ▶ ▲ ▼ Repeat procedure if necessary.



- ▲ ▼ Select media file (example below: music title).
- OK** Play/display selected media file.



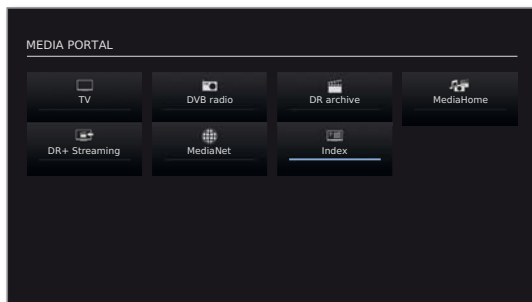
MediaNet

Under the menu item **MediaNet** you will find a continually expanding platform for interactive TV applications from the Internet. All applications are optimised for use on the TV. In addition, you can access Internet sites directly via the integrated Opera browser.

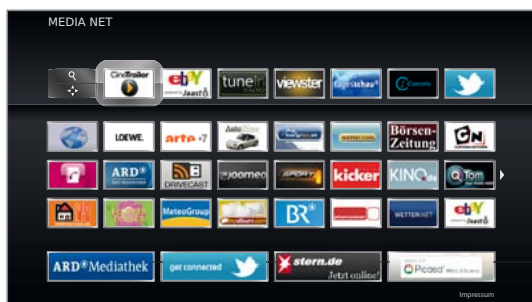
i The menu item MediaNet is only available if a connection to the internet is established.

Call MediaNet

i **MediaPortal** is open.



◀ ▶ ▲ ▼ Mark **MediaNet**.
OK activate.



◀ ▶ ▲ ▼ Mark the desired online content.
OK Display/play content.

i The navigation within the various applications depends on the provider.

Ending the application

i A MediaNet application is called.



END: End application and return to basic MediaNet dialogue.

MediaNet – search

Search the online contents for topics.



◀ ▶ ▲ ▼ 🔍 Mark (**search**) at the top left.
OK Show search options.
The search options are displayed in the header.

◀ ▶ ▲ ▼ Mark search option,
OK Show applications appropriate for the filter.

◀ ▶ ▲ ▼ Mark the desired online content.
OK Display/play content.



End search:
◀ ▶ ▲ ▼ 🔍 Mark 🔍 (**search**) again.
OK return to basic MediaNet dialogue.

MediaNet – Sort



◀ ▶ ▲ ▼ ⚡ Mark (**sort**) at the top left,
OK to confirm. The symbol becomes red.

◀ ▶ ▲ ▼ Mark application to be moved,
OK Start sorting process.

◀ ▶ ▲ ▼ Move application to new desired position,
OK End moving.



End sorting:
◀ ▶ ▲ ▼ 🔍 ⚡ Mark 🔍 ⚡ (**sort**) again.
OK to confirm. The symbol becomes white again.

Exit MediaNet



MEDIA: Call **MediaPortal** and select other function.
Or:



END: Exit MediaNet and return to the last active operating mode.

Browser

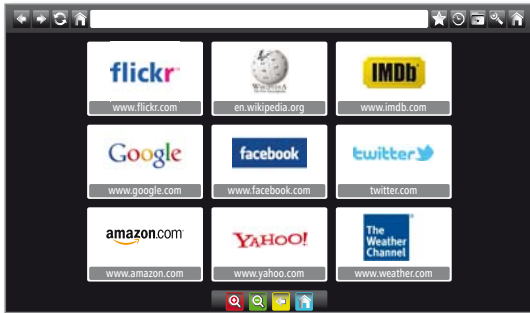
The integrated Opera browser enables you to open internet pages directly.

Opening the Web browser

i MediaNet is open.



◀ ▶ ▲ ▼ Select the browser app (globe),
OK call.
The start page will be opened.



The start page is automatically equipped with nine bookmarks (links). The links on the start page can be adapted as required.

Description of the browser symbols:

- Previous page (if possible)
- Next page (if possible)
- Update page
- Open start page
- Add the current page to the bookmarks / make it your start page
- Open history
- Open bookmarks
- Enlarge/shrink/adapt the page
- Open settings

Coloured button functions

- Red key:** Enlarges the page
- Green key:** Shrinks the page (zoom out)
- Yellow key:** Previous page (if possible)
- Blue key:** Open start page

Navigating in the browser



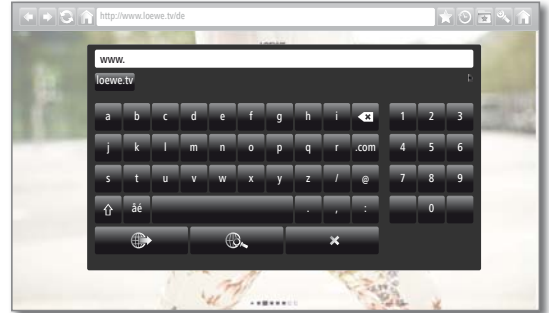
◀ ▶ ▲ ▼ Move the arrow over the screen,
OK Select or open function, link etc.

If a text field is selected on an internet page, the on-screen keyboard will appear.

Entering a URL (Internet address)



◀ ▶ ▲ ▼ Move the arrow onto the input line,
OK select.
The on-screen keyboard opens up.



◀ ▶ ▲ ▼ Select the required character,
OK Adopt character.

Or:



To enter text, press the numerical key (0-9) repeatedly as with a mobile phone until the desired character appears.

Once the URL is complete:



◀ ▶ ▲ ▼ Move the arrow onto symbol ,
OK confirm.
The page that has been entered will be opened up.

Websearch

i The on-screen keyboard opens up (see **entering URL**).

Use the on-screen keyboard to enter the search term.

Once the search term is complete:



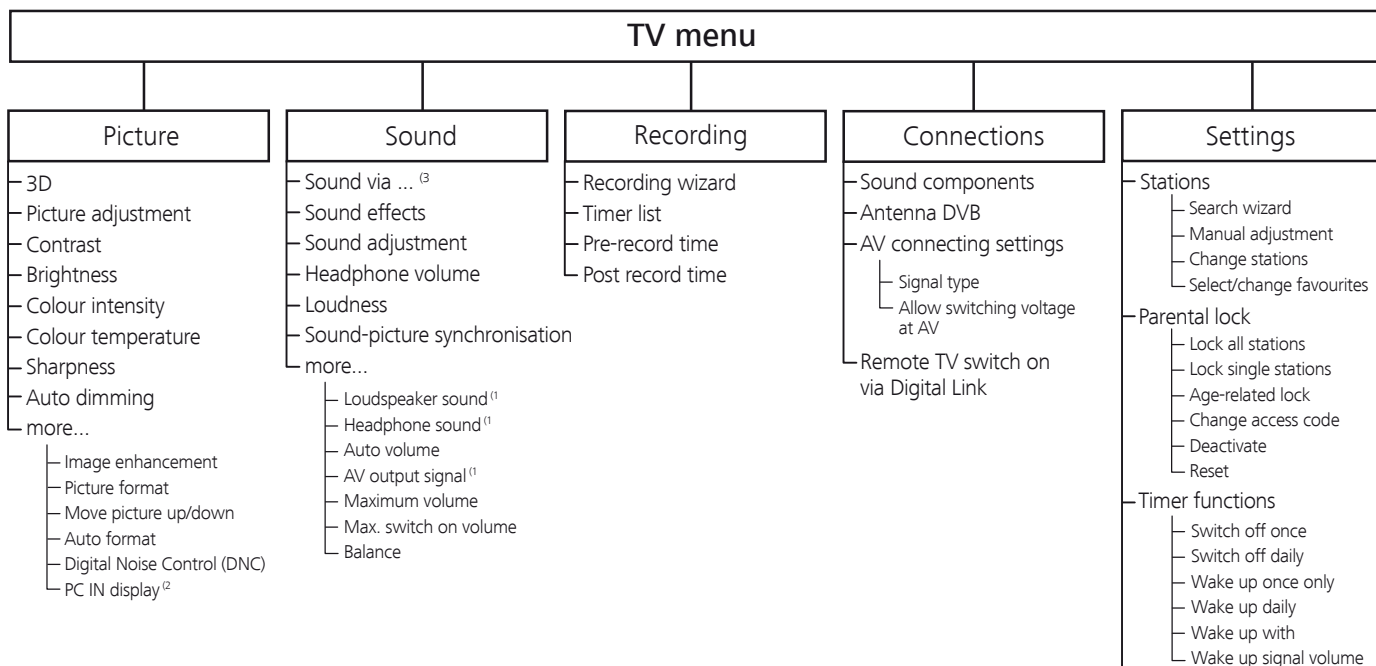
◀ ▶ ▲ ▼ Move the arrow onto symbol ,
OK confirm.
The search results are shown.

Exit browser

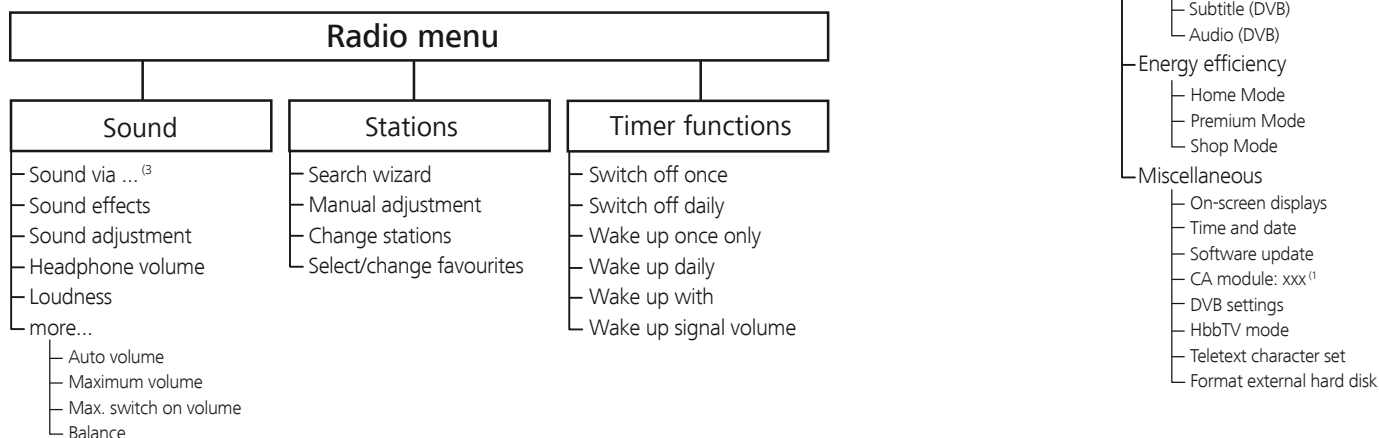


END: End the browser and return to basic MediaNet dialogue.

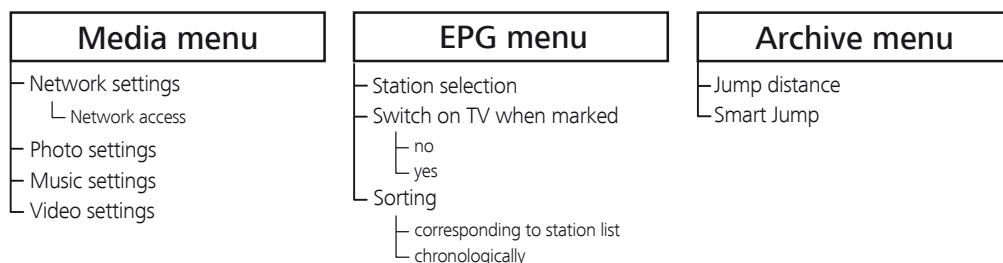
TV menu – Overview diagram



Radio menu – Overview diagram



Other menus – Overview diagram

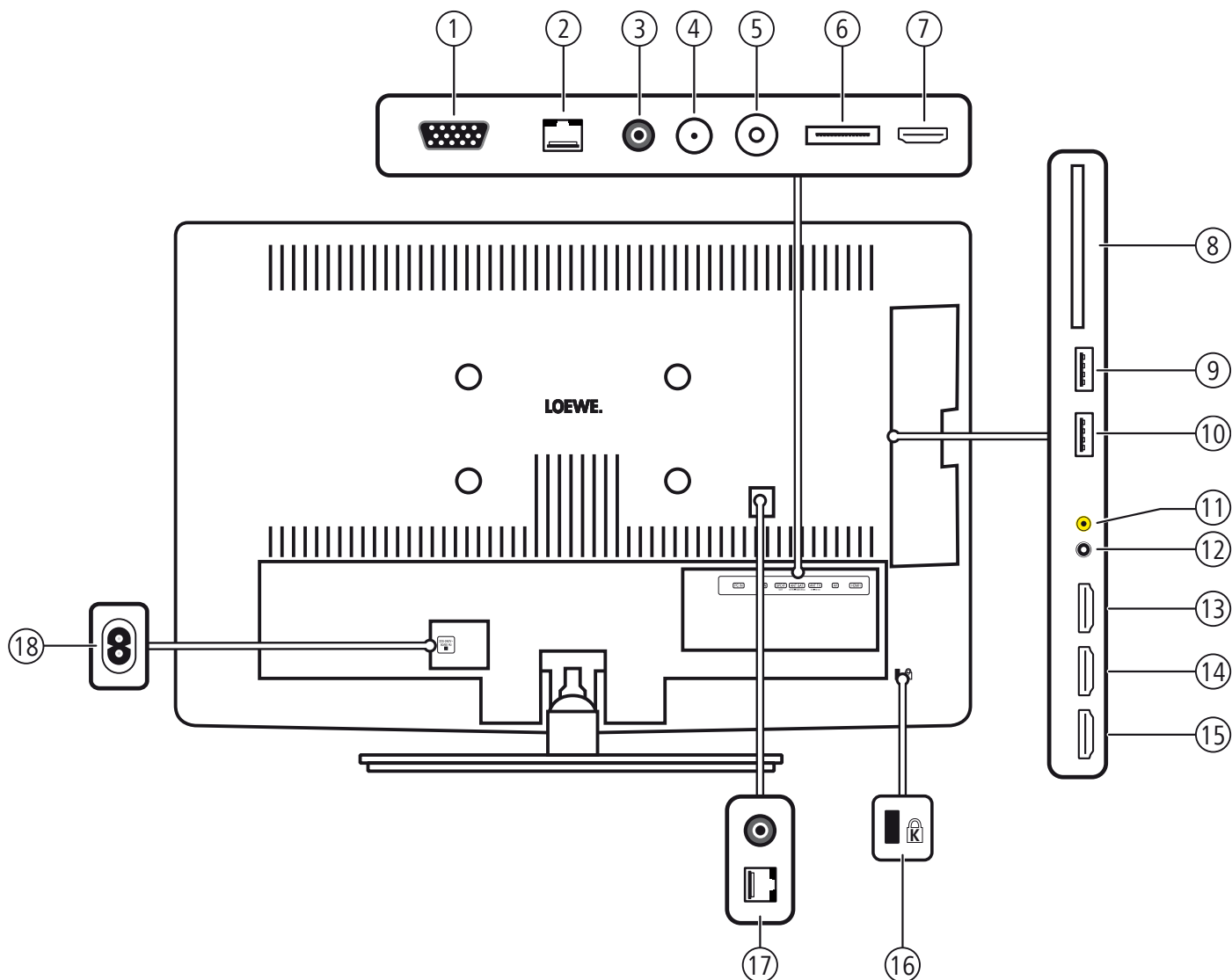


¹ Menu items appear depending on the signal source currently selected (DVB or analogue) and/or at definite presets in the relevant menus.

² Menu item can only be selected if a valid signal is present at the **PC IN** input.

³ Menu item appears only when sound is being reproduced via **HiFi/AV amplifier or TV speakers (switchable)**.

Position of the ports





- | | |
|--|--|
| ① PC IN - VGA/XGA inputg | ⑨ USB - USB connection |
| ② LAN - Network connection | ⑩ USB - USB connection |
| ③ SPDIF OUT - Audio output (digital) | ⑪ SIDE AV - Audio/Video Inputs (AV-VIDEO) |
| ④ ANT SAT - Satellite antenna (Sat tuner) digital | ⑫ Headphone - Headphone connection / Audio output (analogue) L/R |
| ⑤ ANT-TV - Cable analogue / Antenna/cable digital | ⑬ HDMI - HDMI input 4 |
| ⑥ AV - Mini Scart socket ¹ | ⑭ HDMI - HDMI input 3 |
| ⑦ HDMI 1 - HDMI input 1 | ⑮ HDMI - HDMI input 2 |
| ⑧ COMMON INTERFACE - Common Interface (CI-Slot) | ⑯ Socket for Kensington lock |
| | ⑰ SERVICE - this is only relevant if the TV set is being used in a hotel. |
| | ⑱ 220-240V~ 50/60Hz - Mains connection |

¹ Adapter is available as an accessory.

Function of the ports

The following table shows the name, type and function of the ports.

Designation	Type	Function / Signal
 220-240V~ 50/60 Hz	Mains socket	220-240 V ~ 50/60 Hz Supply voltage
 PC IN	D-SUB 15-pole	Video IN: PC/STB video signal
 LAN	RJ-45	Ethernet / Fast Ethernet: Network interface
 SPDIF OUT	Cinch	Digital Audio OUT (SPDIF): Digital-Ton
 ANT SAT 13/18V \Rightarrow 400mAmax	F socket	75 Ω / 13/18 V / 400 mA: DVB-S/S2
 ANT TV 5 V \Rightarrow 80 mA	IEC socket	75 Ω / 5 V / 80 mA: Cable analogue / DVB-T/T2 / DVB-C
 AV	Mini-Scart	Video IN: Y/C (S-VHS/Hi 8) FBAS (VHS/8 mm) RGB Video OUT: FBAS (VHS/8 mm) Audio IN: L/R Audio OUT: L/R
 HDMI 1 / HDMI	HDMI type A (4x)	Digital Video/Audio IN: Digital video and audio
COMMON INTERFACE	CI-Slot	CI / CI Plus Slot for CA module
USB	USB type A (2x)	USB 2.0 5Vdc Max. 500mA: Multimedia files/software update
SIDE AV	Jack 3,5 mm	Video IN: FBAS (VHS/8 mm) Audio IN (analogue): L/R
	Jack 3,5 mm	Headphones 32–200 Ohm Audio OUT (analogue): L/R

 The code number  cancels an access code and thus the parental lock. Please keep in a safe place.

Technical data

Type	Art 32	
Part number	52434xxx	
Device dimensions without stand (W x H x D)	76,0 x 49,1 x 5,5 cm	
Device dimensions with stand (W x H x D)	76,0 x 52,8 x 20,5 cm	
Weight without stand (approximate)	9,9 kg	
Weight with stand (approximate)	11,3 kg	
Display technology	Full-HD LCD with Edge-LED backlight	
Screen diagonal / Picture format	80 cm / 16:9	
Resolution / Motion Response	1920 x 1080 px / 100 Hz	
Contrast (static / dynamic)	1.500 : 1 / 1.500.000 : 1	
Viewing angle (horizontal / vertical)	178° / 178°	
Power consumption On Mode max. (Audio output 1/8 of the maximum value)	85 W	
Power consumption On Mode Home	40 W	
Power consumption Standby Mode	0,25 W	
Power consumption when set is switched off	0 W	
Ambient temperature	5° – 35° C	
Relative humidity (non-condensing)	20 – 80%	
Air pressure	800 – 1114 hPa (0 – 2000 m above sea level)	
Chassis designation:	SL 190	
Power supply:	220 V – 240 V/50–60 Hz	
Tuner:	terr./cable: Satellite:	VHF/Hyperband/UHF 4 levels: 13/18V/22kHz / 16 levels: DiSEqC 1.0 / single-cable system: EN 50494
Range:	terr./cable: Satellite:	Terr./cable: 45 MHz up to 860 MHz Satellite: 950 MHz up to 2150 MHz
Station storage locations incl. AV and radio:	5000	
TV standards:	analogue: digital:	B/G, I, L, D/K DVB-T/T2, DVB-C, DVB-S/S2
Colour standards:	SECAM, PAL NTSC (only AV)	
Sound standards:	analogue (FM): digital (NICAM): digital (MPEG):	Mono, Stereo, Dual channel Mono, Stereo, Dual channel Mono, Stereo, Dual channel, Dolby Digital Plus, AAC, HEAAC
Audio output power (music/sine):	2 x 15W + 30W / 2 x 7,5W + 15W	
Teletext:	TOP FLOF	
Page memory:	1000	

Environmental protection

Energy consumption

Your TV set is equipped with an eco-standby power supply. In the standby mode, the power consumption drops to low power. If you want to save even more energy then switch the device off with the **mains switch**. Please also note that the EPG data (Electronic Programme Guide) is lost under certain circumstances and possibly programmed timer recordings **cannot** be carried out via the TV set.

The power consumed by the TV set during operation depends on the energy efficiency preset in the initial installation or the setting in the TV menu.

If you activate the **automatic dimming**, your TV picture will adapt to the ambient brightness. This reduces the power consumption of the TV set.

Packaging and box

You have made a decision to purchase a high-quality technical product with a long service life. For disposal of the packaging, in accordance with national legislation we have paid a fee to a commissioned recycler to pick up the packaging from the dealer.

The set



The EU directive 2002/96/EC regulates the proper way to recycle, handle and utilise used electronic devices. **Old electronic devices** consequently must be disposed of separately. Please do **not** dispose of this device in normal **household trash!**

You may return your used set free of charge at designated recycling centres or at your specialist dealer whenever you purchase a new, comparable set. Other details about reacceptance (also for non-EU countries) are available from your local administration.

Batteries



The batteries supplied as initial equipment do not contain any pollutants such as cadmium, lead, or mercury. Used batteries should **no longer** be disposed of in the **domestic waste** according to the Battery Ordinance. Dispose of your batteries at no charge in the **collection containers** which are set up for this purpose in retail stores.

TV set equipment

See the rating plate on the rear of the set for the precise product designation.

You can find the exact equipment features, article and serial number as well as the device software version in the item **Integrated features** in the index of the TV set (see page 11).

Software / Operating instructions

Downloading software and operating instructions

You can download new software and comprehensive user guides for your TV set from our homepage, if these are available.

Visit our homepage under:

<http://support.loewe.tv> (International),
<http://support.loewe.tv/uk> (United Kingdom and Republic of Ireland),
<http://support.loewe.tv/au> (Australia) or
<http://support.loewe.tv/nz> (New Zealand).

Please select your TV set (current product line) in the **Choose a Product** part of the **User guides** section. You can then download the corresponding user guide in the form of a PDF file. You can find user guides for previous product lines in the product selection under **Archive**.

The detailed operating instructions will give you more information on the following subjects and more:

- Installing / Connecting the TV set
- Settings
- Installation / Connecting devices

To download other content (e.g. software updates, MediaUpdate), go to the support homepage and select **Register free-of-charge**. Simply follow the steps in the registration process.

After successful registration on the support homepage, you also need to register your product (have the article number and serial number ready – both can be found under **Integrated features** (see above), and on the rating plate on the rear of the set).

You will then receive an overview of available content for your TV set, including software and user guides for the registered TV set in electronic form.

USB stick - requirements

USB sticks tested by Loewe and compatible in type and format can be ordered from the Loewe dealer using the article no. 90456.900.

If you would like to use your own USB stick, please follow these tips/conditions:

- Formatting in FAT32.
- Just one partition.
- Do not use encrypted USB sticks.
- Do not use USB sticks that simulate a CD ROM drive.
- The stick must not contain hidden files.
- For some types of device, the construction of the USB stick is significant.
Maximum dimensions in mm: 70x20x10.
- If in doubt, the USB stick should be formatted as "FAT32" without "extended attributes".

Trademarks

Manufactured under licence from Dolby Laboratories. "Dolby", "Pro Logic" and the double-D symbol are trademarks of Dolby Laboratories.



The screen font "LoeweL2700" is based on the "Tavmjong Bah Arev (tavmjong.free.fr)" font, which in turn is based on "Bitstream Vera". Bitstream Vera is a trademark of Bitstream Inc.

This set contains a software which is based partly on the work of the Independent JPEG Group.

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>).

This software is provided by the OpenSSL project "as is" and any expressed or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall the OpenSSL project or its contributors be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com).

This product includes software written by Tim Hudson (tjh@cryptsoft.com).

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You can download the GNU General Public License here:

<http://www.gnu.org/licenses/>.

Conformity / Manufacturer's declaration

The set is CE marked and complies to EU directives. The complete declaration of conformity is included in the detailed operating manual, which you can download from our homepage (see chapter „**Software / Operating instructions**“ on page 29).

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