Connect ID

TV

Connect ID 55
Connect ID 46
Connect ID 40

Quick guide

LOEWE.

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$^{(1}$ only for TV sets with DR$^+$.

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Thank you,

for choosing a Loewe TV set!

Loewe stands for the highest standards of technology, design and user friendliness. This applies equally for TV, video and accessories.
In addition to sleek design and a varied combination of colour and mounting choices, your Loewe TV set offers a host of technological options.

Loewe Image+

Image+ and 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 TV.

Loewe Sound+ (1

Audio competence on the highest level - this is for what Loewe is unique: an integrated multichannel decoder provides 5.1. Home Entertainment of outstanding quality without any external devices.

Loewe DR+ (1

Due to Loewe DR+, recording of TV transmissions on the integrated hard disk by simply pressing a key or halting the current transmission are no problem. Additionally, DR+ Streaming enables the retrieval of films on further Loewe devices.

Loewe Assist+

The intuitive Loewe user interface Assist Media offers a simple access to all device functions; by means of the HOME key on the remote control you can access all your favourite content as well as all multimedia functions of your TV set.

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.

Loewe Connectivity+

Network your TV set by means of numerous interconnection options. Be it HDMI, USB, CI Plus or LAN/WLAN, discover the world of the Loewe networking possibilities.

Scope of delivery

- LCD TV set
- Mains cable
- Antenna cable
- Table Stand Dynamic (Connect ID 40 / 46)
- Wall mount WM62 (Connect ID 55)
- Remote control Assist with two batteries
- Quick guide

About this quick guide

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

You can download **detailed user guides** in your language in **electronic form** in the latest version via the support portal of the Loewe Homepage (see section **Miscellaneous** – **Software / User guides**). In the detailed user guide, you will find i.a. a detailed description of the menu items of the system settings, the complete functionality of the digital recorder and the connection and installation of external devices.

The operating instructions for your TV set are updated at irregular intervals. We recommend checking them now and then, especially after a software update.

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

Paragraphs which begin with the symbol ■ 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.

In addition to the remote control, a PC keyboard can be connected to one of the USB ports on your TV and then used to control your TV set.

In the user guide, this symbol indicates places in which the use of a keyboard is particularly advantageous.

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

All the station names, programme contents, the illustrated photos, titles, albums and album covers in this quick guide are examples.

General information on the operation of the TV set

For further information on the user interface and the general operation of your TV set see chapter **General information on the operation**.

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 in section **HbbTV / MediaText**.

Imprint

(1 only for TV sets with DR+.

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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 may lead to damage.

Transporting

Move the device in **vertical position** only. Get hold of the device on the upper and lower edges of the housing.

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

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 rinse 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 cannot be damaged. Do not step on the mains cable. The mains cable may not be kinked or laid over sharp edges nor be exposed to **chemicals**; the latter also applies to the unit as a whole. A mains 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.
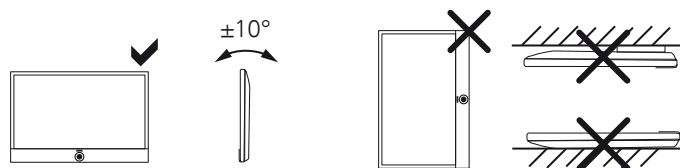
Set-up

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 use the Loewe 3D TV sets only with the Loewe 3D glasses which can be purchased as an accessory from your Loewe dealer.

People with a visual disorder may not be able to perceive 3D effects or may only be able to perceive them to a limited extent. People who are sensitive to flickering images (e.g. those with epilepsy) should only use the 3D function after having consulted their doctor.

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 function 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.

Switch off any artificial light sources (e.g., energy saving lamp) between the TV set and the 3D glasses. These could impair the infrared reception or the TV picture may flicker as a result.

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**.

The **speaker panel** of your TV set is covered with textile. Vacuum the surface regularly using a soft brush set.

In case of **dirt** or **stains**:
Moisten a soft, colour-neutral cloth with detergent or normal stain remover and gently rub away the stain. You can also treat the mark/stain directly with normal dry stain remover spray (vacuum up powder).
Do not moisten the covering fabric directly with detergent or stain remover (risk of encrustation). Do not use any solvents to clean the fabric.

ℹ Follow the manufacturer's instructions when using stain removers.

ℹ There is an increased risk of encrustation when cleaning speaker panels with nicotine deposits.

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 (Connect ID DR+)

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 hard disk 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. Never ever disconnect the USB storage device from the TV set during a copy process.

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 **System settings → Control → more ... → Hard disks**.

Loewe are not liable for the loss of data on the integrated hard disk of your TV set. To avoid data loss, we recommend copying important recordings to an external storage medium.

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On/Off of the TV set

⏻ Switching the TV set ON / switching it OFF in Standby mode (Mains switch must be switched ON)

With the TV set being switched on:
Press key long: TV set and all CEC-enabled devices connected to the **HDMI** ports will be switched off to standby (system standby).

General navigation

(OK) ◀ ▶ ▼ ▲ Navigation on the user interface, select objects

Select station

(OK) **OK** short: Call station list. Or:
OK long: Call expanded station list.

▼ ▲ ◀ ▶ Mark station,
OK switch over to station.

Or:

P+/P− Next/previous channel

Or:

Select station with numerical keys

Sound

V+/V− Increase/reduce volume

🔇 Sound on/off

Function of the coloured keys during TV operation

🔴 🟢 🟡 🔵 **Red key:** Start HbbTV or value-added network service

Yellow key: Last selected station

Blue key: Call function list
(selection of language/sound, subtitles or channel/video track)

Function of the coloured keys in audio mode

🔴 🟢 🟡 🔵 **Green key:** Switch screen ON/OFF

Yellow key: Last selected station in DVB radio mode

Key functions

(TV) TV operation

(AUDIO) Call radio mode (standard assignment) [1]

(HOME) Call **Home** view,
Select the operating mode or the function

(INFO) short, during screen fade-in function:
Info display,
Info text appropriate to the content that can assist you further, should you have any questions about your TV set;

short, without on-screen display: call status display. with status display opened and repeatedly pressing the key call / close the detailed information on the broadcast

long: Show key explanation window

(DR+) short: Open the DR+ archive
long: Call timer list

(★) Add current object to **Home** favourites

(WEB) Call MediaNet

(EPG) EPG (Electronic Programme Guide) On/Off

(PIP) PIP (picture in picture) on/off [2]

(TEXT) Turn Teletext/MediaText on/off

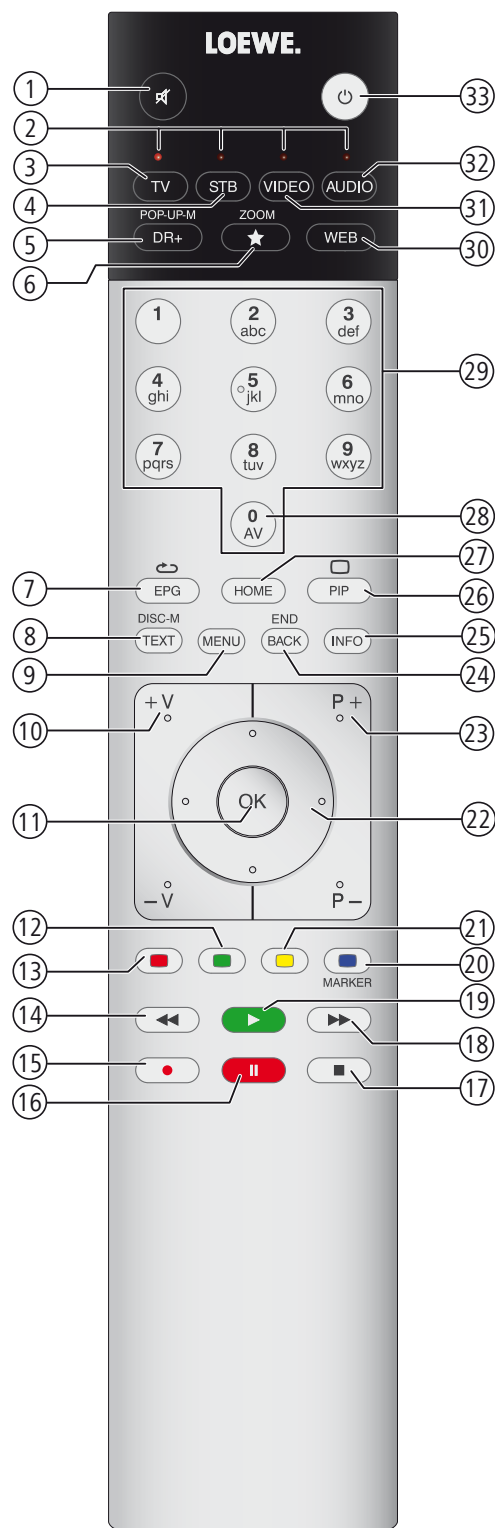(MENU) short: Call function list for the active operating mode
long: Call System settings

(BACK) short: step / level back
long: close all displays

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[1] The assignment of these keys can be changed. The description refers to the standard setting.
[2] only for TV sets with DR+.

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① Sound mute/on

② LED display for currently operated device

③ Switching to TV mode

④ Reassign remote control to SetTop-Box (**PACE DS440N**) [1]

⑤ DR+ archive on/off

⑥ Define active object as favourite

⑦ Electronic Programme Guide on/off

⑧ Teletext/MediaText [2] on/off

⑨ Call function list

⑩ **V+/V-** increase/reduce volume

⑪ Call station list / expanded station list
   in the menu: confirm/call up

⑫ Green coloured key: screen on/off

⑬ Red coloured key: call preferred value-added network service [2]

⑭ Jump / Wind

⑮ One Touch Recording

⑯ Start / interrupt timeshift television

⑰ Finish timeshift

⑱ Jump / wind

⑲ Start / continue timeshift television

⑳ Blue coloured key: call station function list with subfunctions

㉑ Yellow coloured key: switching to previously received station

㉒ In menu / in lists: selecting/setting

㉓ **P+/P−** select stations up/down

㉔ Press briefly: back to previous window (step back)
   press long: close all displays

㉕ Status display on/off
   In menu: context-relevant Info on/ off

㉖ PIP (picture in picture) on/off

㉗ Open/close **Home** view

㉘ AV selection

㉙ Select station directly
   in the menu: enter numbers or letters

㉚ Call **MediaNet**

㉛ Reassign remote control to BluTech Vision 3D [1]

㉜ Switch to radio mode [1]

㉝ Switch ON/OFF to standby mode
   System standby

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The key assignment displayed here is valid for the main level of the TV set. The key assignment may vary in certain operating modes (see the corresponding chapter in this quick guide).

[1] The assignment of these keys can be changed. The description refers to the standard setting.
[2] Depending on the corresponding settings.

Functions of the operating controls
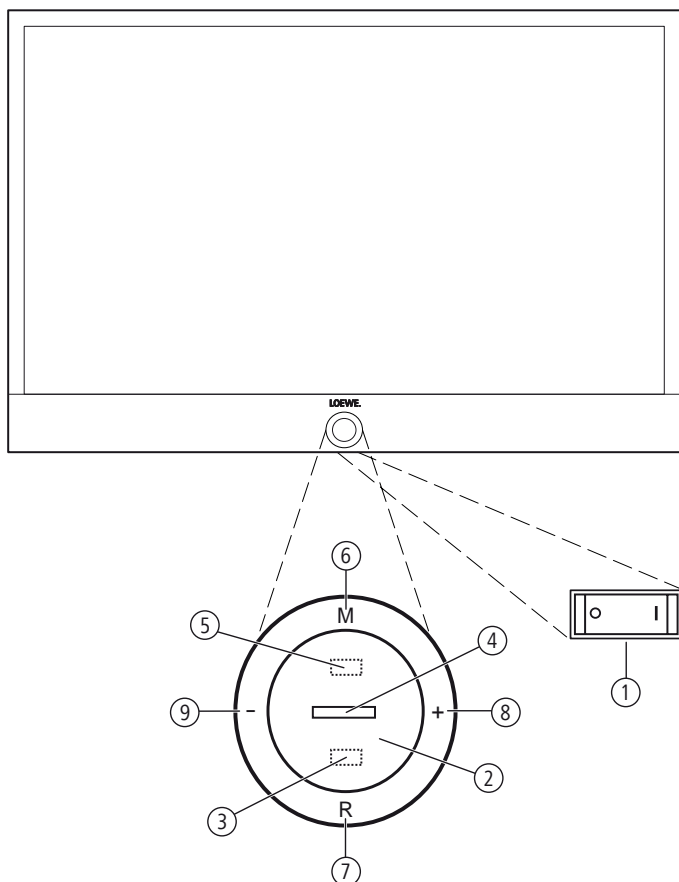
① **Mains switch:**

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.

> ℹ 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, software update or DR⁺ streaming server function [1])

⑤ **Infrared transmitter:**

When showing 3D content, the 3D glasses **Loewe Active Glasses 3D** are controlled via the infrared sensor.

[1] only for TV sets with DR⁺.

⑥ **Key M:**

TV set in standby mode: switch TV set on in TV mode
TV set switched on: call direct control on TV set
in direct control on TV set: up ▲

⑦ **Key R:**

TV set in standby mode: switch TV set on in radio mode
TV set switched on: toggle TV mode and radio mode
Direct control on TV set: down ▼

⑧ **Key +:**

increase volume
Direct control on TV set: to the right ▶

⑨ **Key – :**

reduce volume
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 chapter **Environment / Legal information**).

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

Adjusting the remote control unit for operating the TV set

TV   Press the **TV key**.

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.
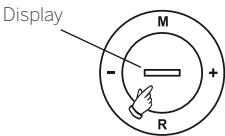
Display

■ 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.

■ 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**.

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

Switching TV set and connected additional devices off (System Standby)

Press the **On/Off key** longer:

TV set and all CEC-enabled devices connected to the **HDMI** ports will be switched off to standby (System Standby).

General information on the operation

Some keys of the remote control for operating the TV set you will use more often than others. The most important keys for navigation will be explained in general. The numbers in the text refer to the figure showing the remote control in chapter **Remote control**.

The **arrow keys** ㉒ help you to navigate in the menus and lists of the TV set and for selecting menu items. They are arranged in the middle of the remote control in a circle around the **OK** key ⑪. Later in this quick guide they will be represented as follows:

◀ ▶ ▲ ▼ Select the desired item.

The **OK** key ⑪ is used to confirm a selection, for calling the highlighted menu item and for opening the station list. In this quick guide, an instruction for this key looks like the following:

OK confirm.

Using the **numerical keys** of your remote control ㉙ you enter programme channels and teletext pages directly. With key **0** you open the AV options. In this user guide, entering numbers with numerical keys is shown as follows:

Entering programme channel directly.

The numerical keys are also used to enter text (see section **Entry of characters by remote control**).

The **Home** view is the central overview page for all of your TV set's operating modes. You reach **Home** view with the **HOME key** ㉗.

HOME   **HOME:** Calling the **Home** view.

Pressing the **BACK** key ㉔ briefly brings you one level up in the wizard. Pressing the **BACK** key longer closes all opened fade-ins. An example for the **BACK** key in this quick guide:

BACK   **BACK:** Stop text entry and exit entry box.

Prolonged pressure on the **INFO** key ㉕ shows a key guide window that gives you information on the currently most important key functions.

If the function for a key is not available, this will be indicated by an inserted symbol ⊘ on the right above.

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Structure of the Menu screen

Basically, the structure of the different menu screens is similar, regardless of whether it is e.g. a wizard, rendering media content or a setup menu. The structure is explained by means of three different screens.

The functions of these menu screens are explained more detailed in the respective chapters.

Screen structure: Wizard

(A) Title bar with name of the wizard and the current operating step.

(B) Selected items, whose number can be different according to the operating step.

(C) Bottom line showing the available operating controls. If required, instructions and information are inserted.

Screen structure: Rendering of media content (example: Audio player)

(A) Title bar with selected album / subdirectory.

(B) Menu item **Back** to exit the menu or to go back to the previous menu item.

(C) Selection of album or title

(D) Time bar

(E) Bottom line with the different symbols for controlling the playback function.

Screen structure: Setup (example: picture)
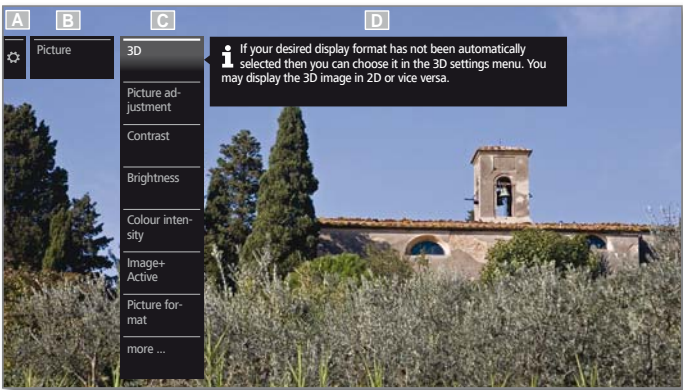
(A) Selected function in the Home overview (here: system settings)

(B) Home Menu **System settings**, with selected menu item **Picture**.

(C) Menu items **Picture** focusing on **3D**

(D) Help text for the selected menu item **Picture > 3D**

Navigation: Selection of elements (example: On-screen displays)

Highlighting and thus selecting the symbols/elements or menu items on the screen can be effected by the arrow keys on the remote control. So you can see all the time where you are. As soon as there is a bar above a symbol or text, this is a selected element.
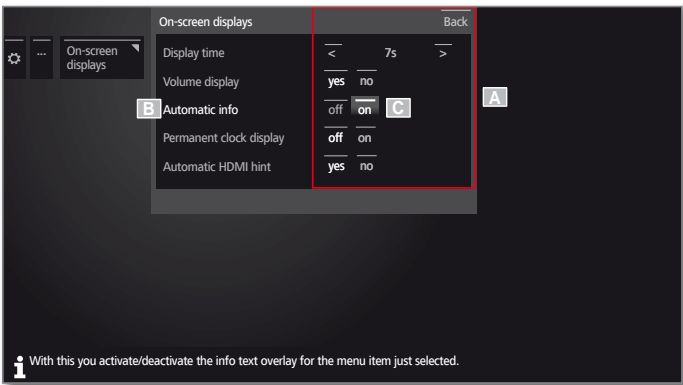
(A) Selectable elements / menu items.

(B) The text in the line where the marker is currently located is white.

(C) Move the selection marking by means of the arrow keys ◀ ▶ ▲ ▼ to the menu item to be set.

In most cases, the marked menu item will be automatically adopted. The font colour of the previously active item will change to grey, that of the newly selected item to white.

ℹ️ In a few menus, to confirm a selected menu item is required by pressing **OK**.

Navigation: Wizards

⚙ DVB-S settings (ASTRA1 19,2°E)
Please specify whether you want to search for scrambled stations too.
Note: Scrambled stations can only be received with an integrated CA module and additional card.

Scrambled stations   no   yes

Search method   Network search   Frequency search

Symbol rate   22000

Accept Logical Channel Number   no   yes

Back with ◄◄   Proceed with ►►
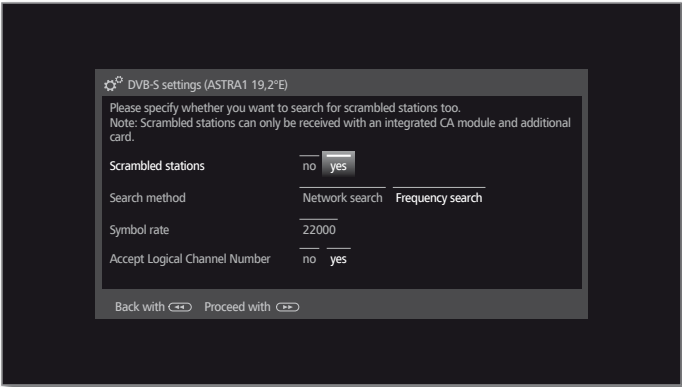
If the menu item(s) (marked white) is/are already correctly preset:

(►►) Go to next step.

Otherwise:

(OK) ◄ ► ▲ ▼ Mark the menu items to be changed. The update will be adopted automatically. The fount colour of the previously active item will change to grey. If not,
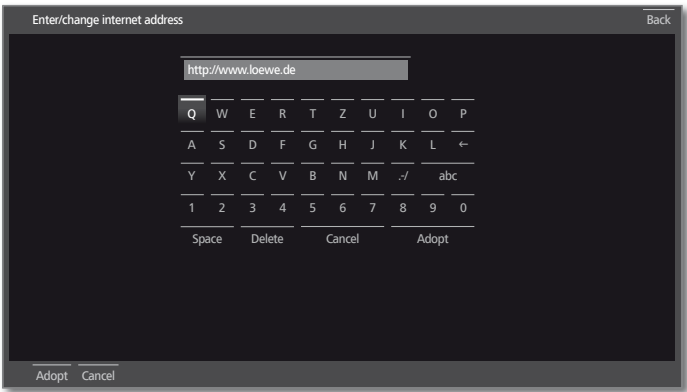**OK** confirm the selection.

(►►) Go to next step.

Entering characters with on-screen keyboard

For certain functions, entering letters or characters is required, e.g., for Web addresses (URLs) in the browser or for renaming archive entries. An on-screen keyboard appears for entering text.

Enter/change internet address   Back

http://www.loewe.de

Q W E R T Z U I O P
A S D F G H J K L ←
Y X C V B N M .-/ abc
1 2 3 4 5 6 7 8 9 0
Space   Delete   Cancel   Adopt

Adopt Cancel

(OK) ◄ ► ▲ ▼ highlight character / on-screen button,
OK Accept character.

For the selection of special characters select field **.-/** several times briefly in rapid succession.

To conclude the entry:

◄ ► ▲ ▼ Mark **Adopt**, confirm with **OK**.

Entry of characters by remote control

Alternatively to the on-screen keyboard you can also enter the desired characters by means of the remote control (as with the keypad of a mobile phone).

(○) ◄ ► ▲ ▼ Mark text entry field.

Under the first letter of the name you will see a line indicating the current input position.

▶ Input position one character to the right (also for blanks).

◄ Input position one character to the left.

Enter the letters one after another. When using the remote control, press the **numerical keys** just as on a mobile phone keypad (0-9) until the desired symbol is displayed.

Key	Characters (uppercase - lowercase)
1	[space] 1
2	A B C 2 Ä Æ Ã Å Ā À Á Ć Ç Č - a b c 2 ä æ ã å ā â à á ć ç č
3	D E F 3 Ė Ë Ē Ę Ê È É - d e f 3 é ë ē ę ê è é
4	G H I 4 Ï Ī Į Î Ì Í - g h i 4 ï ī į î ì í
5	J K L 5 - j k l 5
6	M N O 6 Ö O E Õ Ō Ô Ò Ó Ø - m n o 6 ń ñ ö o e õ ō ô ò ó ø
7	P Q R S 7 - p q r s 7
8	T U V 8 Ü Ū Û Ù Ú - t u v 8 ü ū û ù ú
9	W X Y Z 9 - w x y z 9
0	. 0 - / _ : + , ; ? ! = & # % ~ @ $ * ' ( ) " § \ { } [ ] < > ´ ` ^	

To conclude the entry:

(OK) ◄ ► ▲ ▼ Mark **Accept**, confirm with **OK**.

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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.

i An on-screen display is faded in.

(INFO) 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 key**.

The automatic info display can be hidden permanently via a menu setting. Then it can be displayed temporarily by pressing the **INFO key**.

Permanently display or hide the automatic info display

Once you have become familiar with how to operate the TV set, you can switch off the automatic info display.
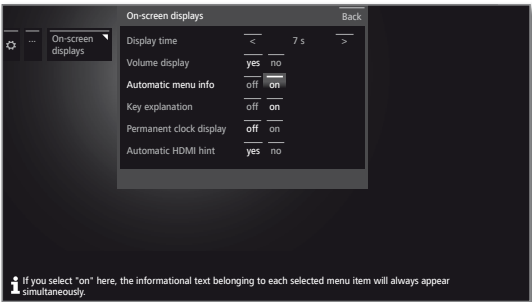
(HOME) **HOME:** Calling the **Home** view.

(OK) ◄ ► ▲ ▼ Mark **System settings**,
OK call system settings.

▼ ▲ Mark **Control**,
► go to next column.

▼ ▲ Mark **more ...** ,
► move to next column.

▼ ▲ Mark **On-screen displays**,
► call **On-screen displays**.

▼ ▲ Select **Automatic menu info**,
◄ ► select **off** / **on**.

(OK) **OK** Accept settings.

Operation without remote control

Changing Volume

 + / − Increase/reduce volume.

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.

R Scroll down.
M Scroll up.
− Scroll left.
+ Scroll right, adopt settings, confirm.

Close all displays

 Press **M** longer.

Explanations of the settings:

Operating mode	Switch between TV and radio operation.
Stations selection	Call Station selection.
AV selection	Select AV interface.
3D	Calling 3D settings.
Contrast	Set contrast. The power consumption of the TV set depends directly on the value set here.
Picture format	Selecting the picture format.
Service	**i** The Service menu item is provided for service purposes by dealers only.

Home view

The **Home** view is the central overview page for all of your TV set's operating modes.

The list of options on the left of **Home** view gives you access to TV, Video, Audio/Radio, Photo and Web.

By means of **Extras** and **System settings** you have access to more functions and you can configure your TV set.
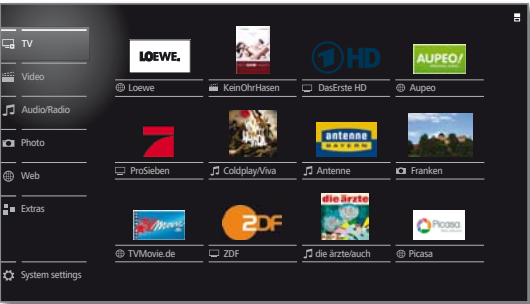
On the right side of the screen you find all your favourites (bookmarks) created in the different operating modes.

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

Call Home view

HOME: **HOME:** Calling the **Home** view.

OK ▼ ▲ ◀ ▶ Select menu item / favourite,
OK call.

Description of the individual sections/functions:

TV: Here you call the **TV** mode of your TV set.
See chapter **TV** for further information.

Video: The item **Video** gives you access to videos from local (USB, home network) and online sources.
See chapter **Video** for further information.

Audio/Radio: With item **Audio/Radio** you find music files from your local server(s) and USB storage media as well as from DVB and Internet radio.
See chapter **Audio/Radio** for further information.

Photo: Via menu item **Photo** you can view photos from your local media on your TV screen.
See chapter **Photo** for further information.

Web: Here you have access to multimedia content in the Internet (MediaNet) as well as a high-quality web browser.
See chapter **Web** for further information.

Extras: Extras contains additional functions and settings (e.g., Timer list, CA module).
See chapter **Extras** for further information.

System settings: In menu item **System settings** you find the configuration menu of the TV set e.g., with settings for picture, sound, connections or sound components. For the description of the system settings, refer to the detailed user guide (see section **Software / User guides**).

Activated operating mode

The respective activated operating mode will be indicated in the list of options by a small playback symbol in the lower right-hand corner of the **Home** symbol.

Examples:

TV mode activated.

Audio player (Audio mode) activated.

In the opened **Home** view, pressing again on the **Home** key brings you back to the respective active operating mode.

Home - Favourites

You will find your favourites on the right of the individual operating modes.
You can create favourites in the operating modes of the TV set. In this way you get a collection of your favourite music titles, your preferred stations and often visited Internet sites on a single overview page.

After an initial installation, TV stations, online links and radio stations will already be automatically created as favourites independent of the installation site of the TV set and of existing Internet links.

Creating favourites

In the operating modes of the TV set you can define the current object (station, music title, photo, etc.) as favourite by means of your remote control. The favourite will be added to **Home** view and placed at the end.

★ Create favourite.
If there are more favourites than can be shown on one page, this will be indicated by rectangular symbols in the upper right corner of **Home** view. Example:

Three pages with favourites exist. The first page of them is indicated.

Editing favourites

You can edit the existing favourites in **Home** view. Change the sequence of your favourites as you wish or delete favourites you do not need any more.

HOME: **HOME:** Calling the **Home** view.

◀ ▶ ▲ ▼ Mark the favourite to be changed.

MENU: **MENU:** change favourite.
Move favourite or delete it (see below).

Moving favourites

◀ ▶ ▲ ▼ move favourite to new position.

BACK: **BACK:** finish procedure.

Deleting favourites

TEXT: **TEXT:** Delete selected favourite.

BACK: **BACK:** Finish procedure.

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TV

In TV mode that can be selected via the Home overview, you can use the basic TV functions of your TV set. In TV mode you will have numerous functionalities at your disposal as, for instance, PIP, EPG and, if offered by the station, HbbTV (hybrid broadcast broadband television). By means of the function list you may call additional options and settings all around TV operation.
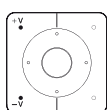
Setting the volume

Switching sound off/on

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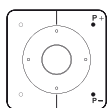
Setting the volume

V+/V− Volume up/down.

The volume control bar will be displayed in the upper right corner.

ℹ The volume control bar can be deactivated in the menu **System settings → Control → more ... → On-screen displays**.

Select station

Select station with P+ / P−

P+/P− Station up/down.

The number and the name of the station along with the title of the programme and that of the next programme will be briefly shown. Also, the status display with time and programme-dependent symbols appears.

ℹ The symbols of the status display are described in section **Status display**.
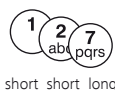
Select station using the numerical keys

1-digit stations

Press the **numerical key** a little bit longer: The channel will change immediately.

Or:
Press the **numerical key** briefly, the station changes after 2 seconds (changes immediately if up to 9 stations are stored).
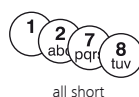
2-digit and 3-digit stations

Press first (and second) **numerical key** briefly.

Keep the last **numerical key** depressed a little bit longer: The channel will change immediately.

Or:
Press all the **numerical keys** briefly, the channel changes two seconds after the last number has been entered (with up to 99 or 999 saved channels it will change immediately).

4-digit stations

Press all four **numerical keys** briefly, the station changes immediately.

ℹ If you select an unoccupied station position, the next available station is selected.

Selecting a station out of the station list

ℹ In normal TV mode, without other displays:

OK Call station list.

▲ ▼ Mark stations.
OK The marked station will be called.

Length of the station list

There is a possibility to influence the amount of stations by using different station lists.

ℹ In normal TV mode, without other displays:

OK Call station list,
◄ call overview of station lists.

▲ ▼ Mark the desired list.
The station list will be changed according to the selection. The list will be adopted automatically.
► Move to the newly selected list.

Explanations of the station lists:

ℹ The number and the names of the possible station lists depend on the available signal sources (antennas, TV reception networks, etc.).

ASTRA LCN   Only stations from the selected source / reception
Analogue   network are indicated in the station list.
DVB-C
DVB-T

AV   Exclusively AV inputs are shown in the station list.

Personal list   Only stations of the selected personal list are indicated in the station list. The name of the list may be changed.

Manage list   Call up the station list editing menu (**System settings → Stations → Station lists TV**).

Selecting stations by means of the expanded station list

ℹ In normal TV mode, without other displays:

OK Call station list,
  ▸ call function list.

▲ ▾ Mark **expanded station list**,
  ▸ call expanded station list.

▲ ▾ ◂ ▸ Mark stations.
◂ ▸ Scrolling in the station list is possible.
OK The marked station will be called.

Or:

For numerical sorting: Enter the channel number. The marker will jump to the selected station. The marked station is shown as a thumbnail picture.

OK The marked station will be called.

For alphabetical sorting: Enter the first letter. The first station for the specified letters is marked.

▲ ▾ ◂ ▸ Mark the station.
OK The marked station will be called.

Filter and sort options of the expanded station list

Using the on-screen buttons on the bottom line of the expanded station list you can filter and sort the station list by various options.

0..9 Numerical sorting of the station list.

A..Z Alphabetical sorting of the station list.

Searching This allows you to do targeted searches for stations. The station name is to be entered via the on-screen keyboard. The entry is described under **General information on the operation**.

Station lists Select the station list, the stations of which are to be displayed in the extended station list (e.g., Personal station list, ASTRA LCN, DVB-C).

All stations Here you can specify if **all stations**, only **HD** stations, **locked** stations, **scrambled** stations, **unscrambled** stations, **CI+ protected** stations, **newly found** stations or stations **no more to be found** from the selected sources shall be indicated.

Selecting stations by personal lists

You can save your preferred stations in up to six personal lists (e.g., for several users). Each personal list can contain up to 99 stations.

ℹ Personal list existing.

ℹ In normal TV mode, without other displays.

OK Call station list.
  ◂ Open overview of station lists.
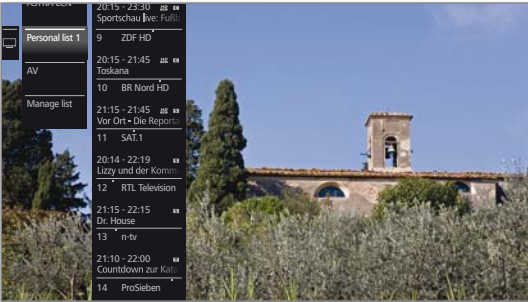
▾ ▲ Mark the desired personal list,
     The station list will be changed according to the selection. The list will be adopted automatically.
  ▸ Move to the newly selected list.

▲ ▾ Mark the station.
OK The marked station will be called. Or:

Select station directly with **numerical keys**.

Explanation of the icons following the station names:

T	DVB-T station (digital terrestrial via antenna)
C	DVB-C station (digital via cable)
S	DVB-S station (digital via satellite)
O⊓	Scrambled station
CI+	CI Plus coded station
🔒	Locked station (Parental lock)

Status display

ℹ In normal TV mode, without other displays.

(INFO) **INFO:** Show status display.

In the left upper corner you will see in the marked field the number and name of the station, the transmission time and (if available) the title of the current programme. 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 key** again.

In another adjacent field to the right, the programme info of the following programme is displayed additionally for DVB stations.

The field in the upper right corner contains the time, the date and, depending on the DVB station and according to availability, various additional information which is represented by symbols (see column on the right).

The status display is shown automatically every time you change channels.

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

If you want to hide the status display manually before the display time ends, you can do this with the **BACK key**.

Explanations of the symbols in the status display:

General symbols:

🔊	Language/sound selection available
▭	Subtitles available
👁	Channel selection for multi-channel providers
3D⏐	3D programme
*HD*ᴛᴠ	HDTV programme
HbbTV	HbbTV mode available from this station

Explanations of the symbols in the status display (continued):

Transmitted audio signal:

Mono	Mono audio transmission analogue
Dual channel	Dual channel sound transmission (Sound1/Sound2) analogue
1+1	Dual channel sound transmission (Sound1/Sound2) digital
Stereo	Stereo sound transmission analogue
Stereo (AAC+)	Stereo sound transmission (HEAAC)
⊙⊙	Stereo sound transmission digital (PCM)
▥ Digital	Dolby digital sound transmission (DD)
▥ Digital+	Dolby digital sound transmission (DD+)
▥ Digital (AAC+)	Dolby digital AAC+ sound transmission (HEAAC)
dts	dts sound transmission
MPEG	MPEG sound transmission
▥ PLII	Dolby Pro Logic II sound transmission
▥ VS Ref	Dolby Virtual Speaker Reference display
▥ VS Wide	Dolby Virtual Speaker Wide

Transmitted audio channels:

▯	DD / dts 1.0 / mono
▢	DD / dts / MPEG 2.0
▣	DD / dts 3.0
▣	DD / dts 4.0
▣	DD / dts 5.0
▣	DD / dts 2.1
▣	DD / dts 3.1
▣	DD / dts 4.1
▣	DD / dts 5.1

Selected listening mode:

◀ 1	Playback of centre sound or mono (left/right)
◀ 2	Playback of front sound (L/R stereo)
◀ 3	Playback of front and centre sound
◀ 4	Playback of front and surround sound
◀ 5	Playback of front, surround and centre sound
◀ Sound projector	Playback of sound via sound projector
◀ External speakers	Playback of sound via speakers connected to an external amplifier

ℹ If the number of speakers appears in brackets, the sound of missing speakers is transmitted by the existing speakers (virtually). The Dolby Virtual Speaker (VS mode) developed by Dolby is activated for the virtual sound reproduction.

■ Connect ID 40-55   - 17 -
Quick guide
TV
Function list / AV selection

Function list

The function list contains settings and additional options. Die individual List items will be briefly explained as follows:

i The function list can be opened directly in TV mode or via the station list. Depending on this, some list items may possibly not be available.

In TV mode:

(MENU) **MENU:** Call function list.

Or:

OK Call station list,
▸ call function list.

▲ ▾ Mark function,
OK call.

Explanations of the symbols in the function list:

☰   Open **Expanded station list**.

EPG   Call **EPG (Electronic Programme Guide)** wizard.
     i Menu item is only displayed as long as the EPG wizard has not yet been executed.

▤◀   Call up **Language / sound**. The available sound formats and their designations depend on the programme being broadcast.
     i Menu item will only be indicated when several languages/ sound tracks are available.

▤▢   Call up **Subtitles** selection.
     i Menu item will only be indicated when subtitles are available.

◉   Open recording dialogue to programme a **Recording**.

◀(A)   Set **Sound mode** (number of speakers).

◀₀   Call up **Sound settings**.

∩◀   Call up and adjust **Headphone volume**.
     i Menu item will only be indicated when a headphone is connected to the TV set.

🖼₀   Call up **Picture settings**.

▭   Activate **PIP**.

⬍   Move picture vertically up/down.

Explanations of the symbols in the function list (continued):

⏻   Switch screen off
     i The menu item is only shown when DVB radio or an AV source is active.

★   Add current station as **Favourite** to **Home** view.

A-Z   Changes the **Sorting** between numerically and alphabetically.

▤▶   Call **Change station list**.
     Delete stations, shift stations, restore deleted stations.

AV selection

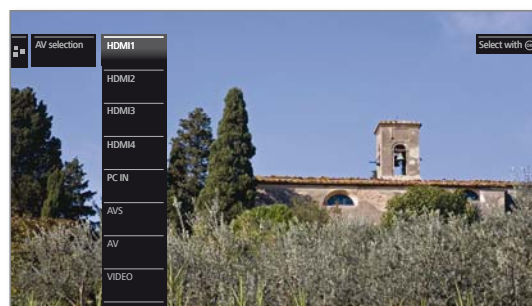### Selecting the AV source via the AV selection

i In normal TV mode, without other displays.

(0 AV)   Open up the station list with the preset **AV**.

(⊙)   ▸ Move to the AV list.

(OK)   ▾ ▲ Select desired connection,
     OK switch over.

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

When selecting **VIDEO**, you switch to **cable analogue**, channel **E36**. The TV set shows the signal of a provider via antenna.

Selecting the AV source via the station list

i In normal TV mode, without other displays.

(OK)   **OK** call station list.
     ◀ Call overview of station lists.

     ▾ ▲ Mark **AV** list.
       The AV list will be displayed.

     ▸ Move to the AV list.

     ▾ ▲ Mark desired AV source,
     OK switch to AV source.

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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.

ℹ If a personal list has been selected, only the programmes of stations from the personal list are displayed in the programme list.

Starting and ending EPG

EPG | **EPG:** Switch EPG on / off.
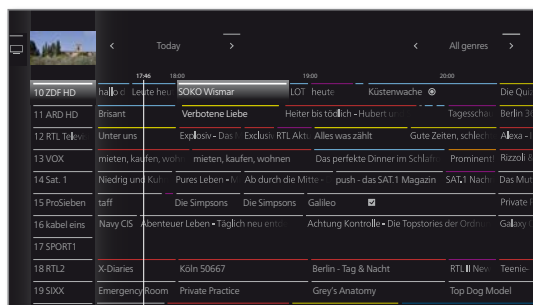
ℹ EPG is only available for DVB stations.

ℹ The first time you start EPG, a wizard will start that guides you through the necessary pre-settings.

ℹ Depending on the number of stations selected for EPG, it may take some time until the programme information is displayed.

EPG Operation

In the left column there is a list of stations of your currently active station list (personal list, whole station list). With the on-screen buttons in the header of the EPG you can select the day of the programme preview and filter the programmes as to their genre.

INFO | **INFO:** briefly: Call up detailed information (see right-hand column).

press longer: Show key explanation.

▼ ▲ Scrolling in the station list.
◀ ▶ Scrolling through the programmes.

Or:

P+/P– Scrolling in the station list page by page.

● | **RECORD key:** Schedule the recording of the marked programme for a time.

MENU | **MENU:** Go to header.

◀ ▶ Mark selection of date or genre.
OK Accept changes.

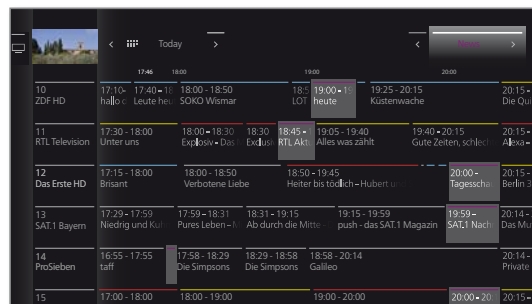**MENU** | **MENU:** Move from date to genre or from genre to station list.

Adapting the EPG Overview

ℹ The options to be selected are in the header, if not, press **MENU key**.

◀ ▶ Select day or genre.
OK Confirm selection.

Example | If you look for the next newscast, select today's date and **News** under genre. Newscasts will be highlighted.
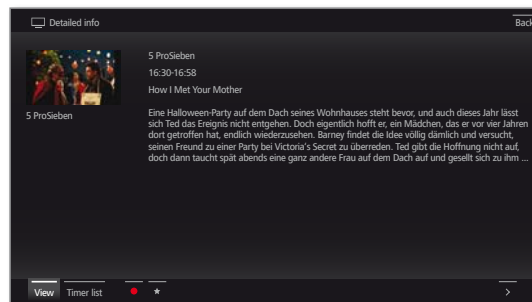
PIP | **PIP:** Switch in EPG view between standard and compact view.

Calling up additional information about the programmes

INFO | **INFO:** Call up detailed information.

If there is more information on the selected programme, it will be indicated here. You find further information on the indicated programme in the bottom line:

View | Watch selected TV programme.
ℹ The menu item is only available when the selected programme is on the air.

Memorise | Memorise the programme for later watching / listening. For further information see column on the right.
ℹ This menu item is only available when the selected programme has not started yet.
ℹ Depending on the presetting the TV set will switch on by itself when it is in standby.

Delete memo | For programmes being memorised you can also delete the memo.

Timer list | Call up timer list.

● (Recording) | Schedule the recording of the selected programme for a time.

★ (Favourite) | Schedule the recording of the selected programme for a time. Additionally, an entry to the **Home** favourites will be added.

Explanation of the symbols in the programme information:

▭   Programme in 16:9 picture format

HD
TV   Programme with high picture definition (HDTV)

◻◻   Programme with Dolby-Digital sound

⧆   Transmission of subtitles for hearing-impaired persons

✉   Programme with youth protection.

The symbols may also appear in combinations.

Memorising a programme via the EPG

A programme that has not started yet can be memorised. For memorised programmes, the TV set will ask at the beginning of a programme if it should change the channel accordingly or switch on from the stand-by mode if this is activated in the **System settings** under **Control → more ... → EPG**.

⊙   Mark the desired programme.
         OK Call up detailed information.

         ◀ ▶ ▼ ▲ Mark **Memorise**,
         OK Memorise programme.

ℹ In the EPG, a memorise symbol is placed behind the title of the programme ☑.

ℹ You can also start memorising programmes via the timer list (see section **Extras** – **Timer**).

Meaning of the colours in the EPG

The coloured labels indicate the genre of the respective programme. When filtering with genre selection in the header, the programmes of the selected genre will be highlighted.

━━━   Movies

━━━   News

━━━   Show

━━━   Sport

━━━   Child

━━━   Music

━━━   Arts

━━━   Social

━━━   Education

━━━   Hobby

━━━   Series

Picture in Picture (PIP) [1]

The concurrent display of two different images is referred to as Picture in Picture.

Starting and ending PIP mode

The size of the PIP display can be set in the **System settings** under **Control → PIP settings.**

ℹ Picture change and station selection are restricted during recording.

ℹ PIP Mode is not accessible as long as an HbbTV application is active.

ℹ The simultaneous display of two channels via analogue cable TV is not possible.

⬭ PIP   **PIP:** Show/hide PIP display.
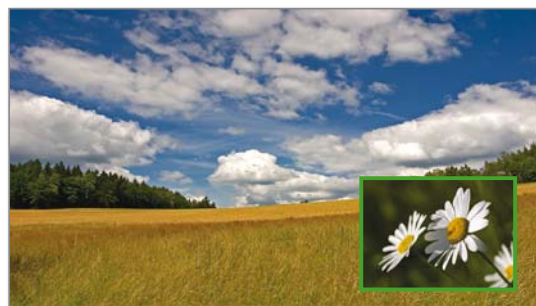
Selecting the station of the PIP picture

         ℹ The frame is green, if not, press **green key**.

         Select the station as usual.

Select the station for the main picture

         ℹ The frame is white,
         if not, press **green key.**

         Select the station as usual.

Coloured key functions

         ℹ The frame is green, if not, press **green key**.

🔴🟢🟡🔵 **Yellow key:** Swaps contents of TV picture and PIP picture.

         Blue key: Start/stop PIP scan in the PIP picture.

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[1] only for TV sets with DR+.

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Teletext

Your TV set supports the two operating systems TOP text and FLOF. Up to 1,000 / 2,000 pages [1] are stored so that you have quick access.

Starting and ending Teletext

(TEXT)   **TEXT:** Call teletext.

The function of the **TEXT key** can be set under **System settings → Control → more ... → HbbTV → Function of the TEXT key**. The factory default is **Standard teletext first**.

```
Das Erste                                          100   100 ARDtext Do 12.07.12  14:12:42      Back

                        ARD Text  ①

                 Syrien: Botschafter läuft über  ..   107
                 EuGH hebt Saatgut-Verbot auf ....    121
                 Bundeswehr:Feldpostaffäre beendet    112
                 Neun Tote bei Lawinenunglück .....   142

                 Live: Ticker, 11.Etappe der Tour.    666
                 Galatasaray will Hamit Altintop..    211
                 NBA: Kaman spielt mit Nowitzki...    220
                 14:00  Tagesschau
                 14:10  ARD-Mittagsmagazin .....      312
                 15:00  Tagesschau
                 Tagesschau.... 101  Kultur........ 400
                 Wirtschaft.... 170  Wissen........ 500
                 Sport..... 200/600  Ratgeber...... 530
                 Programm...... 300  Inhalt (A-Z).. 790
                  −      +      Wirtschaft    Nachrichten
                 ‹  ↻  ›   ▦ ▧ ▦                        ★ ✿
```
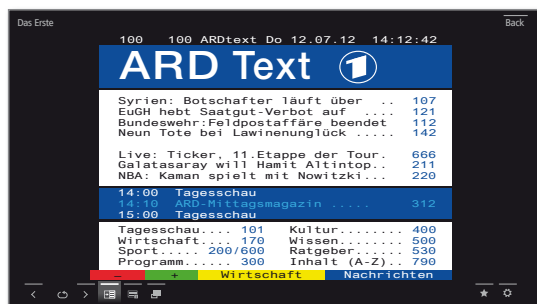
(TEXT)   **TEXT:** Switching between Standard Teletext and MediaText.

(BACK)   Pressing the **BACK key** ends Teletext.

Key functions for Standard Teletext operation

(0 AV)   **0 AV:**   Stop self changing pages.

(9 wxyz)   **9:**   Zoom in the page (press several times).

(★)   **★:**   Add active Teletext page to **Home** favourites.

Page selection with the coloured keys

🔴 🟢 🟡 🔵   **Red key:**   One page back or back to previous page (depending on Teletext provider).

Green key: Advance one page.

Yellow key: To next topic.

Blue key: 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)   **INFO:** Call **overview page 100.**

Second possibility:

(1) (2 abc) (7 pqrs)   Directly enter the page number.

Third possibility:

ℹ The page includes 3-digit page numbers.

(⊙)   ▼ ▲ Mark desired page number.

```
Das Erste                                          100   100 ARDtext Do 12.07.12  14:12:42      Back

                        ARD Text  ①

                 Syrien: Botschafter läuft über  ..   107
                 EuGH hebt Saatgut-Verbot auf ....    121
                 Bundeswehr:Feldpostaffäre beendet    112
                 Neun Tote bei Lawinenunglück .....   142

                 Live: Ticker, 11.Etappe der Tour.    666
                 Galatasaray will Hamit Altintop..    211
                 NBA: Kaman spielt mit Nowitzki...    220
                 14:00  Tagesschau
                 14:10  ARD-Mittagsmagazin .....      312
                 15:00  Tagesschau
                 Tagesschau.... 101  Kultur........ 400
                 Wirtschaft.... 170  Wissen........ 500
                 Sport..... 200/600  Ratgeber...... 530
                 Programm...... 300  Inhalt (A-Z).. 790
                  −      +      Wirtschaft    Nachrichten
                 ‹  ↻  ›   ▦ ▧ ▦                        ★ ✿
```

(OK)   **OK** Call page.

Fourth possibility:

ℹ The page consists of several sub-pages, indicated by the symbol ↻ and the arrows in the bottom line.

(OK)   ▼ ▲ Go to bottom line.

◀ ▶ Mark ‹ or ›,
OK select previous / next sub-page.

ℹ The number of the current sub-page is shown between the arrows.

Explanation of the symbols in the Teletext bottom line

Symbol (icon)	Remote control key	Description
‹	–	For Teletext pages with sub-pages: Show previous sub-page.
›	–	For Teletext pages with sub-pages: Show next sub-page.
▦	–	Hide TV picture (Teletext as full screen).
▧	–	Insert TV picture (Split screen Teletext/ TV Picture).
▤	–	Activate Newsflash mode.
▦↱	–	Show hidden information on the Teletext page.
↰▦	–	Hide information on the Teletext page again.
★	(★)	Add current Teletext page to the favourites in **Home** view.
✿	(MENU)	Call function list with Teletext settings.

[1] Depending on the type of TV set (see chapter **Technical data**).

HbbTV / MediaText

HbbTV [1] (Hybrid broadcast broadband television) offers the user comprehensive multimedia contents, e.g., media centres or additional information on the current programme as far as they are provided by the station.

MediaText helps you to use the next generation of teletext/videotext for HbbTV.
MediaText/HbbTV text can either be started directly or through an HbbTV application.

ℹ️ 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.

Opening an HbbTV application

If an HbbTV application is available for the chosen channel after changing channels, this will be loaded during the automatic start process and a red key symbol will appear. When starting manually, the application will be loaded not until you press the red key. The start behaviour can be set under **System settings → Control → more … → HbbTV → Function of the TEXT key**.

ℹ️ HbbTV is offered by the selected channel.

ℹ️ Connection to the Internet established.

ℹ️ HbbTV mode is set to **on**.

🔴⚪⚪⚪ **Red key:** 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 do not guarantee the accessibility, functionality or content of HbbTV applications.

Hide / Close HbbTV application

(BACK) **BACK:** Hide / Close HbbTV application.

Depending on the set start behaviour, the HbbTV application will be hidden (automatically) or closed (manually). In the start behaviour **Automatic**, you need to press the **BACK key** a second time for closure. You will see a screen message after closing.

Opening HbbTV text directly

ℹ️ Depending on the programme provider, the direct Call of MediaText may not be possible. MediaText must then be opened by means of the HbbTV application.

ℹ️ MediaText/HbbTV text is offered by the selected channel.

ℹ️ Connection to the Internet established.

(TEXT) **TEXT:** Call up "standard" Teletext (see chapter **Teletext**).

By pressing the **TEXT key** a second time the MediaText/HbbTV Text will be called up.

ℹ️ The function of the **TEXT key** can be set.

Navigation within the HbbTV Text and how the coloured keys are assigned can vary depending on the provider.

Terminating the HbbTV Text

(BACK) Pressing the **BACK key** ends HbbTV text.

[1] Depending on the settings selected.

Digital Recorder

Using the Digital Recorder of your Loewe TV set you can record programmes onto the integrated hard disc (for TV sets **with** DR+), or onto an external hard disc connected via USB (USB recording **only** for TV sets **without** DR+).

TV viewing with time shift

The TV broadcast that you watch is automatically recorded in the background [1] . You can stop the TV programme at any time and continue watching it later with a time shift. The maximum time shift is three hours.
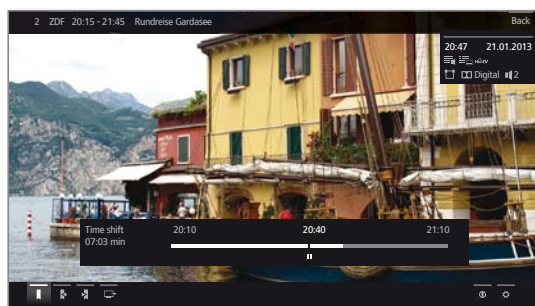
ℹ️ Recording of analogue stations is not possible.

ℹ️ Time-shifted operation is perhaps not possible or only to a limited extent for programmes of stations working with CI Plus encryption.

Interrupt watching (start time-shift television)

⏸ Press **PAUSE key**.

The TV image becomes a freeze frame and the DR+ status display appears.
At the top you will see the number and name of the station provided that EPG or Teletext data is available, and in addition to that the start and end of the current programme and the title of the programme.
In the lower part of the screen you find the starting time of the background recording left of the time bar. On the right hand side of the bar you can see the time at which the time shift recorder will be full (automatically extends by 30 minutes, up to a max. 3 hours). The time above the bar at the PAUSE key shows the current time.

Continue (time-shift viewing)

▶ Press **PLAY key**.

You can now continue watching the TV programme at the time when you had pressed the **PAUSE** key. The Playback symbol ▶ appears instead of the Pause symbol **II** .

For further options of time shift watching see section **Video playback**.

Returning to live picture (end time-shift television)

■ Press **STOP key**.
You see the station's live picture again.

Switching to a different station

If you switch to another channel, the time-delayed recording (time shift) is restarted. The hitherto existing time-delayed recording is deleted (time-shift buffer is emptied). When switching between encrypted and unencrypted contents of the same station the timeshift buffer is also cleared. When doing this, the timeshift television is interrupted and you see the live picture of the broadcast. As a precaution, start archive recording of interesting broadcasts when watching stations with changing coding.

---

[1] only for TV sets with DR+.

Archive recording

Movies that you wish to watch at a later date can be recorded in the Digital Recorder Archive (DR+ archive).

If EPG or teletext data is available, the Digital Recorder stores the title and additional information on each programme in the archive.

If additional languages are being transmitted for a DVB broadcast, these will also be recorded. DVB subtitles or Teletext subtitles can also be recorded. Language selection and subtitles are displayed as in TV mode.

You can watch another programme [1] or playback a recorded TV programme from the archive while recording a TV programme into the archive. You can also play back the programme that you are just recording or any other programme [1] with time delay.

During the archive recording, the bar showing the recording progress is red.

ℹ️ Recording of analogue stations is not possible.

ℹ️ Recordings of CI Plus encrypted programmes are perhaps not possible or only to a limited extent.

One Touch Recording

With One Touch Recording, the recording starts immediately on pressing a key.

● Press **RECORD key** longer: Start One Touch Recording.

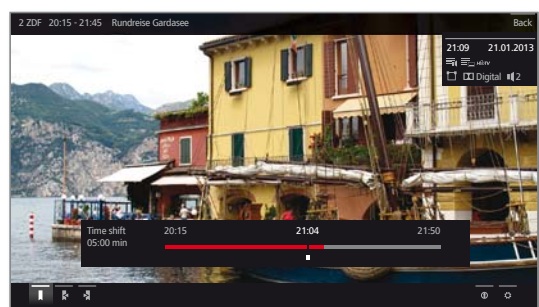◀ ▶ Select recording time,
OK confirm.

Time shift viewing during archive recording

⏸ **PAUSE key:** Switch to freeze picture.
The recording is continued in the background.

Display during time-shift viewing and archive recording:

▶ **PLAY key:**   Continue playback.
You will now see the time-shift archive recording.

For further options of time shift watching see section **Video playback**.

■ **STOP key:**   End time shift and return to the live picture of the current archive recording.

Watching other stations during archive recording [1

After you have started the recording, you can switch to another station.

i The second channel can be watched in time-shift TV whilst a recording is taking place (Time shift during archive recording).

Viewing another programme from the archive during archive recording

After you have started the recording, you can also watch a programme you have already recorded.

DR+   Call **DR+ archive** (see also right-hand column).

(OK)   ▾ ▴ Mark the recorded broadcast,
         OK watch programme.

The recording process is continued in the background.

Switching off the TV set during recording

You can switch off the TV to standby whilst recording. The recording is continued in the standby mode.

i **Never** switch the TV set off at the mains and do **not** pull the plug of the TV set out of the socket. Otherwise the recording will be lost!

Stop recording early

You can end a current archive recording prematurely.

(■)   Press **STOP key**.

         A message appears in the right upper corner of the screen.

(OK)   **OK** Stop recording.

         The recording process is ended. The portion of the TV broadcast recorded up to this point is saved on the hard disk and can be played back via the DR+ archive.

         i You can also end a running recording by deleting the corresponding Timer entry in the Timer overview.

DR+ archive

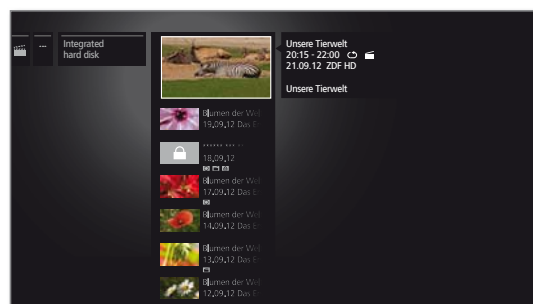With the DR+ archive you have access to all the recorded programmes and and you can start their playback.

Open the DR+ archive

DR+   Open the **DR+ archive**.

(OK)   ▾ ▴ Select desired archive,
         OK Display archive entries.

Selecting the recorded programme

(O)   ▾ ▴ Mark the recorded programme.
         ▸ Call function list.

View   Start or continue replaying the selected archive entry. See section **Video playback** for further information.

Detailed info   Show detailed information on the marked archive entry.

Sort   Sort archive entries in alphabetical (ascending A-Z) or (descending Z-A) order or according to recording date (newest entries first).

Rename   Edit title of archive entry.

Delete   Delete archive entry from hard disk and recover disk space.

Copy   Copying an archive entry to an external hard disk.

Favourite   Add archive entry to **Home** favourites. See chapter **Home view** for further information.

Delete protection   Activate or deactivate protection against automatic deletion by the Delete Manager.

Parental lock   Protect recorded broadcast by a four digit PIN against unauthorised playback.

             i This menu item appears only when a PIN has already been defined.

Repeat   Playing archive entry repeatedly (in a loop) during future playbacks.

Settings   opens the video settings.

General information on media reproduction

Home view gives you access to photos, videos and music from your personal storage media, e.g., from storage media connected via USB and from media servers in your home network to which your TV set is connected.

By pressing the Web key you get access to an Internet browser and multimedia data from the Internet.

ℹ️ Please follow also the information below for the **MediaNet** Internet functions which can be called under **Web**.

Connecting the TV set to your network

To receive media via media servers in your home network or via the Internet, you have to integrate your TV set in your home network. You can connect your TV set both with a **wired connection** (Ethernet, PowerLine) or via a **wireless radio connection** (WLAN or WI-FI). For wireless connections, the TV set has an internal WLAN antenna.

Your Loewe TV set supports the UPnP AV standard for data playback in the home network.

Help for configuration problems

Loewe cannot provide any support for PC hardware and software or network components owing to the diverse configuration options with home networks.

Please contact the administrator of your home network and/or specialist dealer for support when setting up and for maintenance of network connections, storage media, media server software and network devices such as routers.

MediaNet

If you wish to use MediaNet we recommend registering your TV set on our homepage

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).
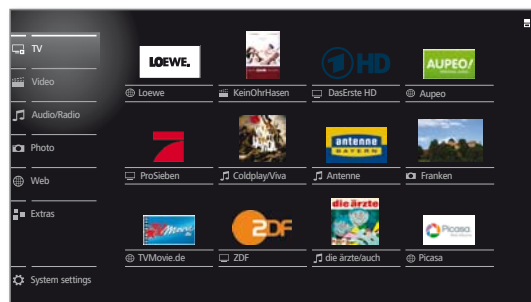
(using the **Register free-of-charge** option).

Simply follow the steps in the registration process.
The MAC address (Media Access Control) of your TV set is required for the registration. You can find this in the TV set under **Extras → Special functions → Integrated features → MAC address (TV)**.

Accessing your media

(HOME)   **HOME:** Call **Home** view.

(OK)   ◀ ▶ ▲ ▼ Mark desired function,
        OK call function.

Video:	see section **Video**.
Audio/Radio:	see section **Audio/Radio**.
Photo:	see section **Photo**.
Web:	see section **Web**.

Playing music and videos, displaying photos

The windows for playing music and videos and for displaying photos are comparable for all cases irrespective of the media source. The relevant players are therefore grouped together.

Exit media

(HOME)   **HOME:** Call **Home** view and select another function (see above).

         Or:

(TV) (AUDIO)   Press **TV** or **AUDIO key** for switching to TV or radio mode [(1].

[(1] The assignment of the AUDIO key can be changed. The description refers to the standard setting.

Video

The item **Video** gives you access to videos from local (USB, home network) and online sources. The individual subitems are described in detail in the following.

ℹ High definition movie material (HD movies) from format 720p upwards (resolution 1280 x 720 or higher) should be played back via a **wired** connection. If there is a **wireless** connection, then technical limitations (e.g., fault liability, bandwidth limitations) can cause disruptions in the playback right up to a complete breakdown of the playback.

Calling video selection

HOME **HOME:** Calling the **Home** view.

(OK) ▼ ▲ Mark **Video**,
OK call list of video sources.

▼ ▲ Mark function,
OK call.

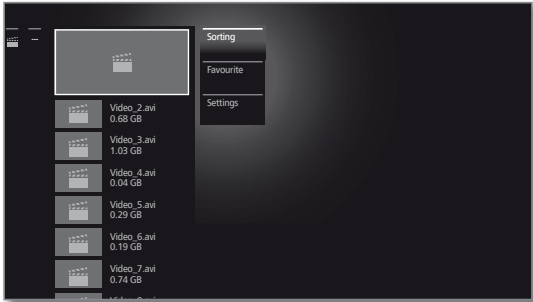|	
DR+ archive	Programmes that you have recorded onto the integrated hard disk using the Digital Recorder are collected in the **DR+ archive**. Via the DR+ archive you can replay, edit or delete your recorded programmes. For further information see section **DR+ archive**.
TwonkyMedia WMP11	Examples for media servers in your home network. The exact designation depends on the media server used.
USB	USB storage media connected to the USB of your TV set. The exact designation depends on the relevant storage medium.
MediaNet	Call **MediaNet → Browse → Video**.
Timer	Call up the timer list (see section **Extras** – **Timer list**).

ℹ Please also observe the notes regarding USB sticks in section **Software / User guides**!

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

Video function list

(MENU) **MENU:** Call function list.

ℹ The availability of the following items depends on the currently marked object (data source, directory, file).

Unmount	Unmount USB data storage medium before removing it in order to prevent data loss.
Sort	Sort media files in the opened directory in alphabetical (ascending A-Z or descending Z-A) order, file size or date (newest entries first).
Favourite	Add marked media file to the **Favourites** in Home **view**.
Settings	opens the media settings.

Select video

(OK) ▼ ▲ Mark desired directory,
OK open directory.
Repeat procedure if necessary.

▼ ▲ Mark desired video,
OK Start or continue playback of the selected video.
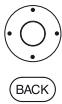
Video playback

The description of the following functions applies to the playback of videos from the DR+ archive as well as for videos from USB storage media or from media servers in the home network.

ℹ For playback of DR+ archive entries you have additional playback and editing capabilities. The explanation of these functions you find in the section **Additional functions for DR+ archive playback**.

DR+ archive : ZDFinfo HD   17:05 - 17:50   Flora und Fauna   Back

11:27   21.01.2013

00:00   38:42   45:00

hh:mm

Video status display

The video status display provides you with further options for the current playback.

▲ ▼ Show status display.

BACK: **BACK:** Hide the status display again.

Description of the symbols in the status display for video playback

Symbol (icon)	Remote control key	Description
⟲ (A)	–	ℹ For playback of videos from USB storage media or from the home network: Switch repetition (loop playback) of all titles of the current directory ON/OFF.
⟲	–	ℹ For playback of videos from USB storage media or from the home network: Switch ON/OFF repetition (loop playback) of the current title.
⟷	–	Change picture format of the video playback.
▌	▶ long	ℹ Only for playback from DR+ archive: Set bookmark manually. In case of time-shifted viewing the time-shifted recording will be converted into an archive recording.
▌x	▶ long	ℹ only for playback from DR+ archive: Delete bookmark manually. ℹ The function is only available when a manually set bookmark is within five seconds around the current playback position.

Symbol (icon)	Remote control key	Description
▶▌	◉ ◉ ◉ ◉	ℹ Only for playback from DR+ archive: Skip to next bookmark.
◀▌	◉ ◉ ◉ ◉	ℹ only for playback from DR+ archive: Skip to previous bookmark.
⬜→	–	ℹ only in time-shift mode: Start DR+ Follow me recording.
⌐⌐	–	ℹ only for playback from DR+ archive: Call interval functions.
🗑	–	ℹ only for playback from DR+ archive: Call dialogue for deleting bookmarks.
↻ ⊘	–	ℹ For playback from DR+ archive: Activate / deactivate again the repetition of the currently played archive entry.
hh:mm	–	Skip to desired position in the playback.
★	★	Add currently played video to the favourites in Home view.
①	INFO	Call detailed info on the current playback.
✿	MENU	Call function list with video settings.

Pause playback (freeze picture)

⏸ **PAUSE key:** Switch to freeze picture.

▶ **PLAY key:** Continue playback.

Jump

By briefly pressing the ◄◄ or ►► keys you can skip forwards and backwards in the movie. The jump distance can be set in the **System settings** under **Control → more … → DR+ → Jump distance**.

►► ►► Skip forwards.

◄◄ ◄◄ Skip backwards.

Skipping with Smart Jump

The **Smart Jump** function ensures that the jump width is halved each time the jump direction is changed or doubled after three jumps in the same direction (max. 8 minutes). This way you can quickly find a certain spot of the recording.

The settings for Smart Jump you find in the **System settings** under **Control → more … → DR+ → Smart Jump**.

For example, you are searching for the beginning of a broadcast that has already started:

◄◄ Press ◄◄ repeatedly quickly to jump back.

If you have jumped past the beginning of the programme, jump in the opposite direction:

►► Press ►►. This jump in the opposite direction is only carried out for half the jump distance. Jump forward using ►►.

If you have jumped past the start of the programme:

◄◄ ◄◄ Jump back again. In the process, the jump distance is cut in half again.

By halving the jump distance when changing direction again you can find your way to a specific position.

Winding

To search for desired scenes in movies you can fast forward and rewind at three different speeds. Sound is not audible during winding.

ⓘ In case of time-shift viewing, playback is automatically activated when the end of the recording is reached.

ⓘ In case of Fast forward of archive entries, playback will finish at the end of the recording. The DR+ archive is displayed again.

◄◄ ►► Press ◄◄ or ►► a little bit longer.

With each brief pressing of ◄◄ or ►► the speed will increase until you switch back to the first speed. Available speeds: 2x, 5x, 10x.

▶ **PLAY key:** Continue playback.

ⓘ In the case of Internet videos, please wait until these are buffered in the memory. This can take a few seconds, depending on the bit rate of the film and Internet speed.

Additional functions for DR+ archive playback

There are additional editing and playback functions for playback of recorded programmes from the DR+ archive. These are explained as follows:

Setting bookmarks

To retrieve interesting scenes in a movie later, you can manually set the bookmarks. In addition, there are also automatically set bookmarks every time a broadcast is changed. You can jump to each of the bookmarks in succession by pressing a key.

In case of a running time-shift recording (time-shift television), this will be converted into an archive recording when a bookmark is set.

▶ **PLAY key** (press a little bit longer): Set bookmark.

You will see a message on the screen. The drive indicator is then faded in and you will see the set bookmark above the bar for the playback.
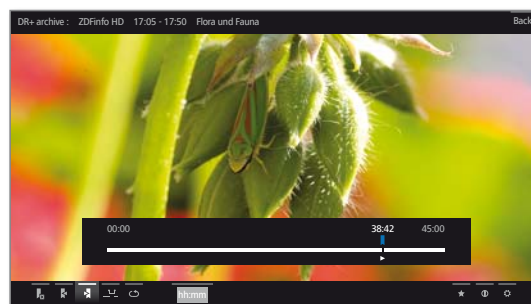
ⓘ Automatically set bookmarks are white. Manually set bookmarks are blue.

Jump to bookmarks

(OK) ◄ ► ▼ ▲ Mark next bookmark ▶,
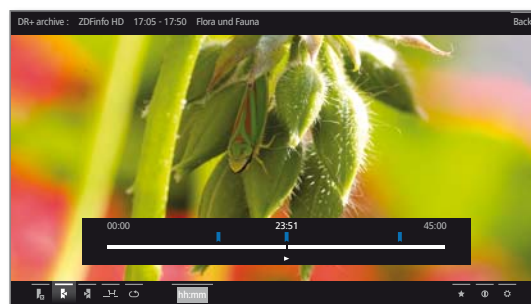
OK jump to next bookmark.

◄ ► ▼ ▲ Mark previous bookmark ◄,

OK jump to next bookmark.

Deleting individual bookmarks

Jump to the manually set bookmark to be deleted.

▶ Press **PLAY key** for a little bit longer: Delete bookmark.

english

Audio/Radio

With item **Audio/Radio** you find music files from your local server(s) and USB storage media and you access DVB and Internet radio. The individual subitems are described in detail in the following.

Calling Audio selection

HOME: **HOME:** Call the **Home** view.

OK
    ▼ ▲ Mark **Audio/Radio**,
    OK call list of audio sources.

    ▼ ▲ Mark function,
    OK call.

DVB radio   The TV set can receive digital radio stations via DVB.

             For further information see section **Radio mode (DVB radio)**.

Internet radio   The TV set can receive digital radio stations via the Internet.

             For further information on Internet radio see **Radio mode (Internet radio)**.

MediaCenter   A Loewe media centre connected to your home network.

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

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

MediaNet   Call **MediaNet → Browse → Music**.

        i Please also observe the notes regarding USB sticks in section **Software / User guides**!

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

Audio/Radio function list

(MENU)   **MENU:** Call function list.

i The availability of the following items depends on the currently marked object (data source, directory, file).

Unmount   Unmount USB data storage medium before removing it in order to prevent data loss.

Sorting   Sort media files in the opened directory in alphabetical (ascending A-Z or descending Z-A) order, file size or date (newest entries first).

Favourite   Add marked media file to the **Favourites** in Home **view**.

Settings   opens the media settings.
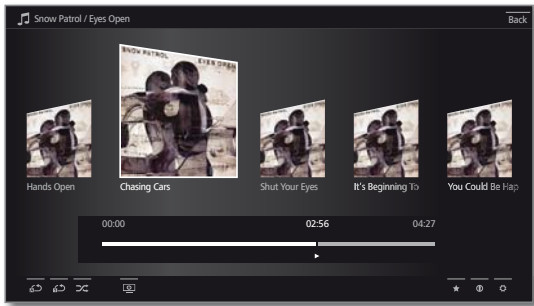
Select music title

OK
    ▼ ▲ Mark desired directory,
    OK open directory.
        Repeat procedure if necessary.

    ▼ ▲ Mark desired music title,
    OK Start or continue playback of the selected music title.

Audio playback

Description of the symbols in the status display for audio playback

Symbol (icon)	Remote control key	Description
↻A	–	**i** Only for playback of music titles via USB / Home network: Switch repetition (loop playback) of all titles of the current directory ON/OFF.
↻1	–	**i** Only for playback of music titles via USB / Home network: Switch ON/OFF repetition (loop playback) of the current title.
⤬	–	**i** Only for playback of music titles via USB / Home network: Switch shuffle playback for the titles of the current directory ON/OFF.
⏻	▣ ▣ ▣ ▣	Switch off the TV screen.
★	(★)	Add the current station / music title to the favourites in **Home** view.
ⓘ	(INFO)	**i** In case of DVB radio: Show EPG detailed info on the current broadcast. **i** Only for playback of music titles via USB / Home network: Call detailed info on the played music titles.
⚙	(MENU)	Call function list with audio settings.

Pause playback

(II)	**PAUSE key:**	Halt current playback.
(▶)	**PLAY key:**	Continue playback.

Winding

You can fast forward music titles at four different speeds. Sound is not audible during winding.

(▶▶)	Press ▶▶ a little bit longer. With each brief pressing of ▶▶ the speed will increase until you switch back to the first speed. Available speeds: 2x, 4x, 8x, 16x.
(▶)	**PLAY key:** Continue playback.

Select another title / play current title from start

(BACK)	**BACK:** Call music selection. Select music title as described in section **Audio/Radio** – **Select music title**.

Or:

Press **P+** briefly:
Play next title of current album / directory.

Press **P–** briefly:
Play current title from start.

Press **P–** briefly again:
Play previous title of the current album / directory.

Or:

▲ ▼ Go to line with music titles,
◀ ▶ scroll in music titles.
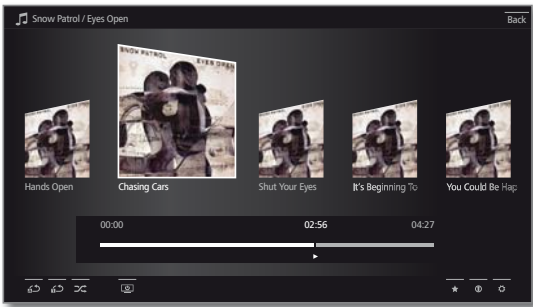
OK start playback of the marked title.

Ending playback

(■)	**STOP key:**	End playback and return to music selection.

Radio mode (DVB radio)

The TV set can receive digital radio stations via 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 key** has been preset to radio mode in the factory.

Switching Radio mode on

(AUDIO)   **AUDIO key** on the remote control
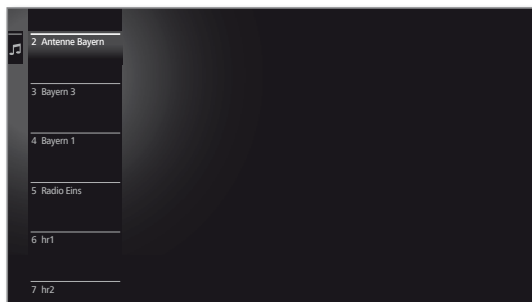
Or

Press **R** on the ring cursor on the TV set.
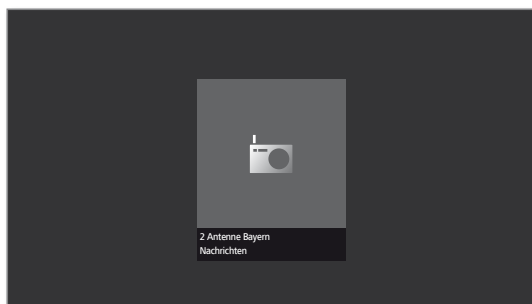
Or:

(HOME)   **HOME:** Calling the **Home** view.

◀ ▶ ▼ ▲ Select **Audio/Radio,**
OK call.

▼ ▲ Select **DVB radio,**
OK call.

You see the radio station list.

```
🎵  2  Antenne Bayern

    3  Bayern 3

    4  Bayern 1

    5  Radio Eins

    6  hr1

    7  hr2
```

▼ ▲ Select station,
OK call.

DVB radio function list

(MENU)   **MENU:** Call function list.

Or:

OK Call station list,
  ▶ call function list.

▲ ▼ Mark function,
OK call.
See chapter **TV** – **Function list** for further informa-
tion.

Station switching

i The radio mode is switched on and a radio station has been selected (see above).

P+/P− or press the **numerical keys** on the remote control.

Or:

OK call station list.

▼ ▲ Select station,
OK call.

## Setting the volume

V+/V− Volume up/down.

Other sound settings are the same as for the volume setting in TV mode (see chapter **TV** – **Setting the volume**).

Switching the screen on/off

Green key: Switch screen OFF.

i Switching off the screen reduces the power consumption of the TV set.

Switch on the screen with the remote control:

Press **green key**.

Switch on the screen on the TV set:
Press **R** on the ring cursor on the TV set.

Exit radio mode

(AUDIO)   Press **AUDIO key** or

(TV)   **TV key** on the remote control (TV mode is called).

Or:

(HOME)   **HOME:** Calling the **Home** view.

◀ ▶ ▼ ▲ Select another operating mode,
OK call.

Radio mode (Internet radio)

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

ℹ️ The names of the directories and stations in the Internet radio mode are given by the provider vTuner. Changing the order of stations or renaming them is not possible here.

ℹ️ Internet radio is only accessible if a connection to the Internet has been established.

Switching Radio mode on

HOME **HOME:** Calling the **Home** view.

◀ ▶ ▼ ▲ Select **Audio/Radio,**
OK call.

▼ ▲ Select **Internet radio**,
OK call.

You see the radio station list.
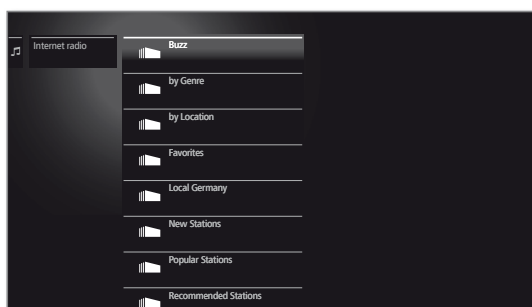
▼ ▲ Mark desired directory,
OK open directory.
Repeat procedure if necessary.

▼ ▲ Select station,
OK call.

ℹ️ For further information on the control of the Internet radio see section **Audio playback**.

Station switching

BACK **BACK:** call station list.

Select stations as described above.

Or:

P+/P− Scroll through the current Internet radio directory to look for stations.

Setting the volume

V+/V− Volume up/down.

Other sound settings are the same as for the volume setting in TV mode (see chapter **TV** – **Setting the volume**).

Switching the screen on/off

▣ ▣ ▣ ▣ **Green key:** Switch screen OFF.

Or:
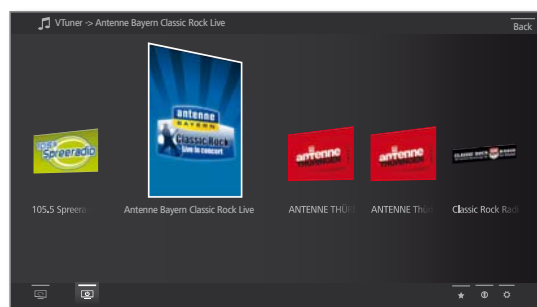
▼ ▲ ◀ ▶ Mark **Screen off** 🔲,
OK Switch screen off.

ℹ️ Switching off the screen reduces the power consumption of the TV set.

Switch on the screen with the remote control:
▣ ▣ ▣ ▣ Press **green key**.

Switch on the screen on the TV set:
Press **R** on the ring cursor on the TV set.

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Photo

Via menu item **Photo** you can view photos from your local media and from online sources on your TV screen. The individual subitems are described in detail in the following.

Calling Photo selection

HOME **HOME:** Calling the **Home** view.

(OK) ▼ ▲ Mark **Photo**,
OK call list of photo sources.

▼ ▲ Mark function,
OK call.

TwonkyMedia WMP11	Examples for media servers in your home network. The exact designation depends on the media server used.
USB	USB storage media connected to the USB of your TV set. The exact designation depends on the relevant storage medium.
MediaNet	Call **MediaNet → Browse → Photo**.

ℹ Please also observe the notes regarding USB sticks in section **Software / User guides**!

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

Photo function list

(MENU) **MENU:** Call function list.

ℹ The availability of the following items depends on the currently marked object (data source, directory, file).

Unmount	Unmount USB data storage medium before removing it in order to prevent data loss.
Slide show	Start slide show of the photos in the currently selected directory. See section **Photo display** for further information.
Sort	Sort media files in the opened directory in alphabetical (ascending A-Z or descending Z-A) order, file size or date (newest entries first).
Favourite	Add marked media file to the **Favourites** in Home **view**.
Settings	opens the media settings.

Select photo

(OK) ▼ ▲ Mark desired directory,
OK open directory.
Repeat procedure if necessary.

▼ ▲ Mark desired photo,
OK View photo zoomed to full screen.

Photo display

**Description of the symbols in the status display for photos**

Symbol (icon)	Remote control key	Description
‹	◄◄ short	Show previous photo.
›	►► short	Show next photo.
↺	–	Rotate photo by 90 degrees to the left.
↻	–	Rotate photo by 90 degrees to the right.
►	►	Start slide show.
❚❚	❚❚	Pause current slide show.
ⓘ	INFO	Call detailed info on the displayed photo.
★	★	Add currently displayed photo to the favourites in **Home** view.
⚙	MENU	Call function list with photo settings.

Full-screen mode

ℹ A photo is marked.

OK View photo in full-screen mode.
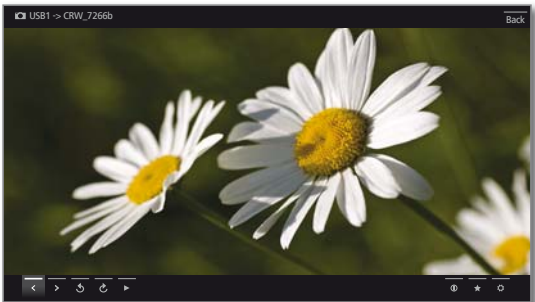
◄◄ ►► Display previous / next photo.

Rotating the photo

▲ ▼ Fade in photo status.
◄ ► Mark ↺ or ↻ .
OK Rotate photo by 90 degrees to the left / right.
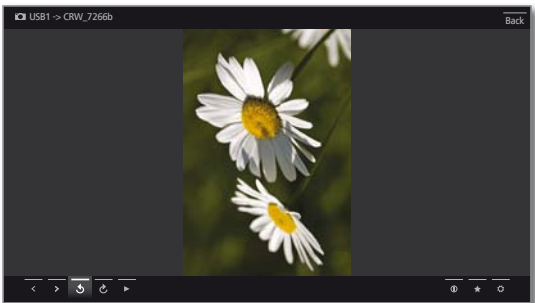
Slide show

| ► | **PLAY key:** | Start slide show. |

| ❚❚ | **PAUSE key:** | Pause slide show. |
| ► | **PLAY key:** | Continue paused slide show. |
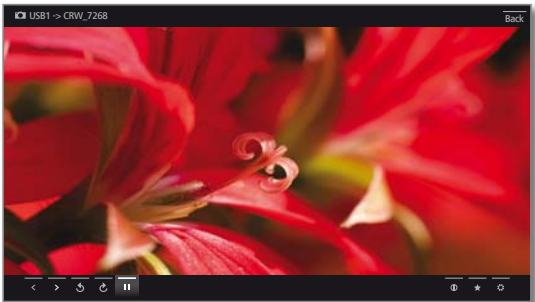
Photo in full-screen mode / exit slide show

| ■ | **STOP key:** | Full-screen mode / end slide show and return to photo selection. |

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Web

Here you have access to multimedia content in the Internet (MediaNet) as well as a high-quality web browser.

Calling the Web selection

HOME: **HOME:** Calling the **Home** view.

OK: ▼ ▲ Mark **Web**,
OK call Web.

MediaNet
  Thus you open the Web-APP Portal.
Browser
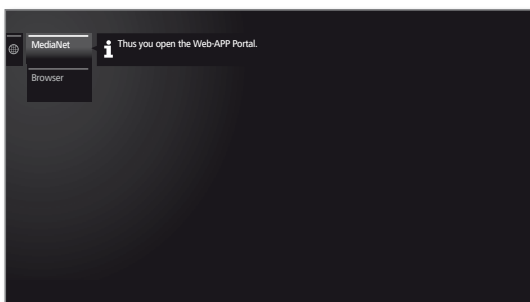
OK: ▼ ▲ Mark function,
OK call.

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.

Browser   Call Web browser of the TV set.

For further information see section **Browser**.

MediaNet

Call MediaNet

WEB: **WEB:** Call **MediaNet**.

or

HOME: **HOME:** Call **Home** view.

OK: ◀ ▶ ▼ ▲ Select **Web**,
OK call.

▼ ▲ Mark **MediaNet**,
▶ call.

Home
Browse   MediaNet - Home
Settings   New
Imprint   bestofyoutube.com   vimeo   Picasa
                    NEW TOP PLAYS   get connected   stern.de

                    Recommendations
                    ARD LOEWE. Q Tom
                    365
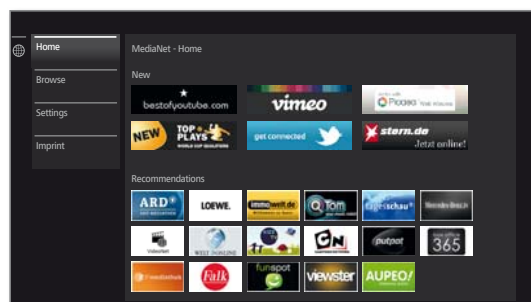
The upper portion of the MediaNet home screen contains new online content.
The lower portion of the MediaNet home screen contains **Recommendations** given by Loewe.

ℹ The given content may change from time to time without prior notice.

OK: ▲ ▼ Select **Home**,
OK go to the right to choose the online content.

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

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

Functions in the MediaNet home screen

Home   Moves to the right to choose the online content.

Browse   Under **Browse** you can list and call the online content by subjects.

Settings   In the **Settings** for MediaNet you can select countries, for example, to take advantage of various services.

Imprint   Providing the legally required information on the parties responsible for the content.

Exit MediaNet

HOME: **HOME:** Call **Home** view and select another function.

Browser

You can access Internet sites directly using the integrated Opera browser. The web browser can also be used without an Internet connection. Thus you can access local devices which provide a web interface (e.g., router, home control, home network server).

Calling the Web browser

HOME: Calling the **Home** view.

▼ ▲ Select **Web**,
OK call.

▼ ▲ Select **Browser**,
OK call.
Start page will be opened.

INFO: display browser status.

Explanation of the symbols in the browser status

⌨ Define current site as **homepage**.

↻ **Update** the displayed Internet site.

100% Change **zoom** factor of the displayed site / browser.

★ **Add** displayed Web site **to Home view** (in the **Favourites** area).

Navigation on Web sites

P+/P– Scroll page vertically.

◀◀ / ▶▶ Scroll page horizontally.

◀ ▶ ▲ ▼ Select link or text input field,
OK open link or confirm text input.

For the entry of text, press a numerical key (0-9) repeatedly as with a mobile phone until the desired character appears. The available letters are printed on the individual numerical keys.

BACK: Stop text entry and exit entry box.

Entering a URL (Internet address)

ℹ Browser status is displayed.

◀ ▶ ▲ ▼ Mark the URL (Internet address) of the indicated Internet site,
OK Open address entry box.

Enter/change internet address   Back

http://www.loewe.de

Q	W	E	R	T	Z	U	I	O	P
A	S	D	F	G	H	J	K	L	←
Y	X	C	V	B	N	M	.-/	abc
1	2	3	4	5	6	7	8	9	0

Space   Delete   Cancel   Adopt

Adopt   Cancel
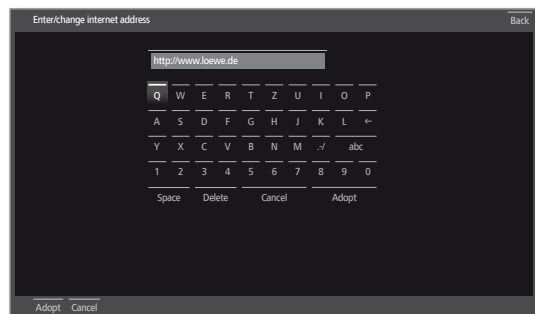
◀ ▶ ▲ ▼ Select required character,
OK Accept character.

← Delete character to the left of the cursor.

.-/ Enter special characters (select repeatedly for more characters).

abc Switch between upper/lower case.

Space Enter blank space.

Delete Delete all characters.

Cancel Cancel input. The entry box will be closed and the previous Internet site will be displayed again.

Accept Accept address and open new Internet site.

ℹ The characters may also be entered by the USB keyboard or the numerical keys of the remote control (see left column).

Exit Browser

ℹ Web site is displayed. Browser status is hidden

HOME: Call **Home** view and select another function.

Extras

Extras contains additional functions and settings (e.g., Timer list, CA module settings).
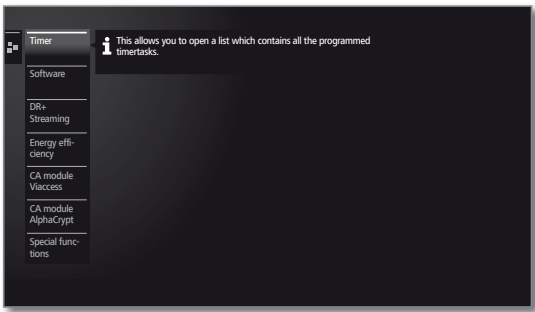
Call Extras

HOME: Calling the **Home** view.

◀ ▶ ▲ ▼ Mark **Extras**,
OK call Extras.

Explanation of the subitems of Extras

Timer	Under the menu item Timer you find the timer list as well as the timer services such as alarm clock or time-triggered switch-off of the TV set.
Software	Carry out software update.
DR+ Streaming	Switch off the TV set to be in an advanced standby mode (server function). The access to your TV entries remains activated for a preset time.
Energy efficiency	Here you can determine how energy efficient your TV set shall be.
CA module [name]	Make settings for your CA modules. ℹ This menu item appears only it at least one CA module is plugged in. ℹ The exact designation of the menu item and available subitems depends on your CA module(s).
Special functions	Here, you find the equipment overview of your TV set and repeat the initial installation. Moreover, you reset the various settings to the factory settings here.

Timer

Timer list

All programmed recordings, earmarked programmes and copy jobs are listed in the timer list.

You can also programme new recordings, earmark other programmes and copy pre-recorded programmes from the DR+ archive to an external USB hard disk by means of the timer list.

ℹ When you have programmed timer recordings, the TV set must only be switched off to the standby mode. **Never** switch the TV set off at the mains and do **not** pull out the plug of the TV set out of the socket. Otherwise no timer recordings can be made.

Call up the timer list

DR+   Press long: Call timer list.
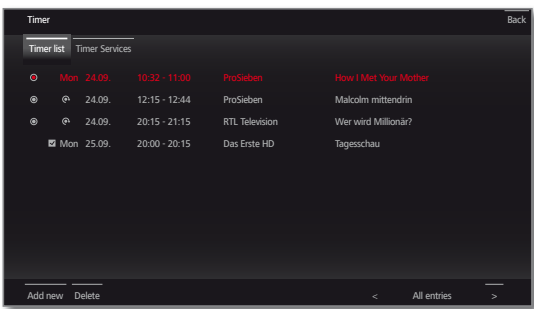
Add new	Create new timer instruction (recording, copy, memo).
Delete	Delete one or several timer instructions.

Explanation of the symbols in the timer list:

◉	Recording
●	Recording in progress
☑	Memorised programme
↻	Repeated recording (daily, weekly or Mon-Fri)
↻	Serial recording

Timer Services

This menu offers you convenient alarm services. Programmed alarms are also active when the TV set has been switched off to standby.
If the TV set is switched on from the standby mode by alarm, a screen message appears. If this is not confirmed within 5 minutes with the **OK key**, the TV set switches automatically off again for safety reasons. The TV set can also be switched off automatically at certain times. A screen warning appears one minute before automatic switch off. The automatic switch off can be interrupted by pressing any key.
You can find further information on timer services in the detailed instruction manual.

Conditional Access module (CA module)

In order to receive coded digital stations, a Conditional Access module (CA module) and a Smart Card must be inserted in the CI slot of your TV set.

The CA module and the Smart Card are not part of the set of equipment supplied with the TV set. They are usually available from your dealer. Loewe does not provide any guarantee for the functioning of the CA module.

The TV set must first recognise and set up the CA module during initial operation. Therefore, it can take up to a minute until decoding starts during initial operation.

Inserting the Smart Card into the CA module

Push the Smart Card into the CA module as far as it will go. The side of the card with the golden chip on it should be pointing towards the thicker side of the insertion slot (see illustration). Note the direction of the arrow printed on the Smart Card.
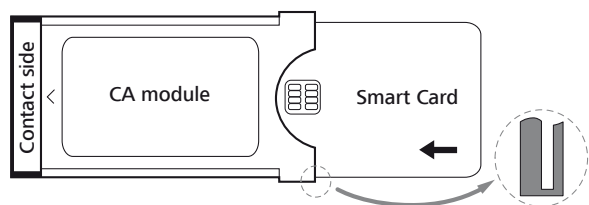
Inserting the CA module into the TV set's CI slot

ℹ Switch off TV set using the mains switch.

Remove the cover from the rear of the set.
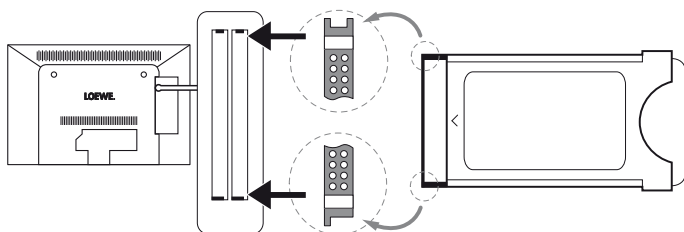
Insert the CA module carefully into one of the two CI slots, ensuring that the contact side goes in first. Do not use force. Make sure the module is not twisted in the process. Push the CA module in as far as it will go.

Finally, close the side cover.

Searching for encrypted stations

HOME: Calling the **Home** view.

◀ ▶ ▼ ▲ Select **System settings**,
OK call System settings.

▼ ▲ Mark **Stations**,
▶ go to next column.

▼ ▲ **Automatic scan TV+Radio**,
▶ go to next column.

◀ ▶ Select **Change search settings**,
OK wizard guides you through the search settings.

ℹ Under **scrambled stations** you have to select **yes**.

◀ ▶ Next select **Start search/update**,
OK start updating the station list.

Calling CA module information

ℹ This menu is only available when a CA module is plugged in.

HOME: Calling the **Home** view.

▼ ▲ Mark **Extras**,
OK call Extras.

▼ ▲ Select desired CA module.
  ℹ The indicated name depends on the inserted CA module.
▶ go to next column.

▼ ▲ Select **CA module**,
OK call information.

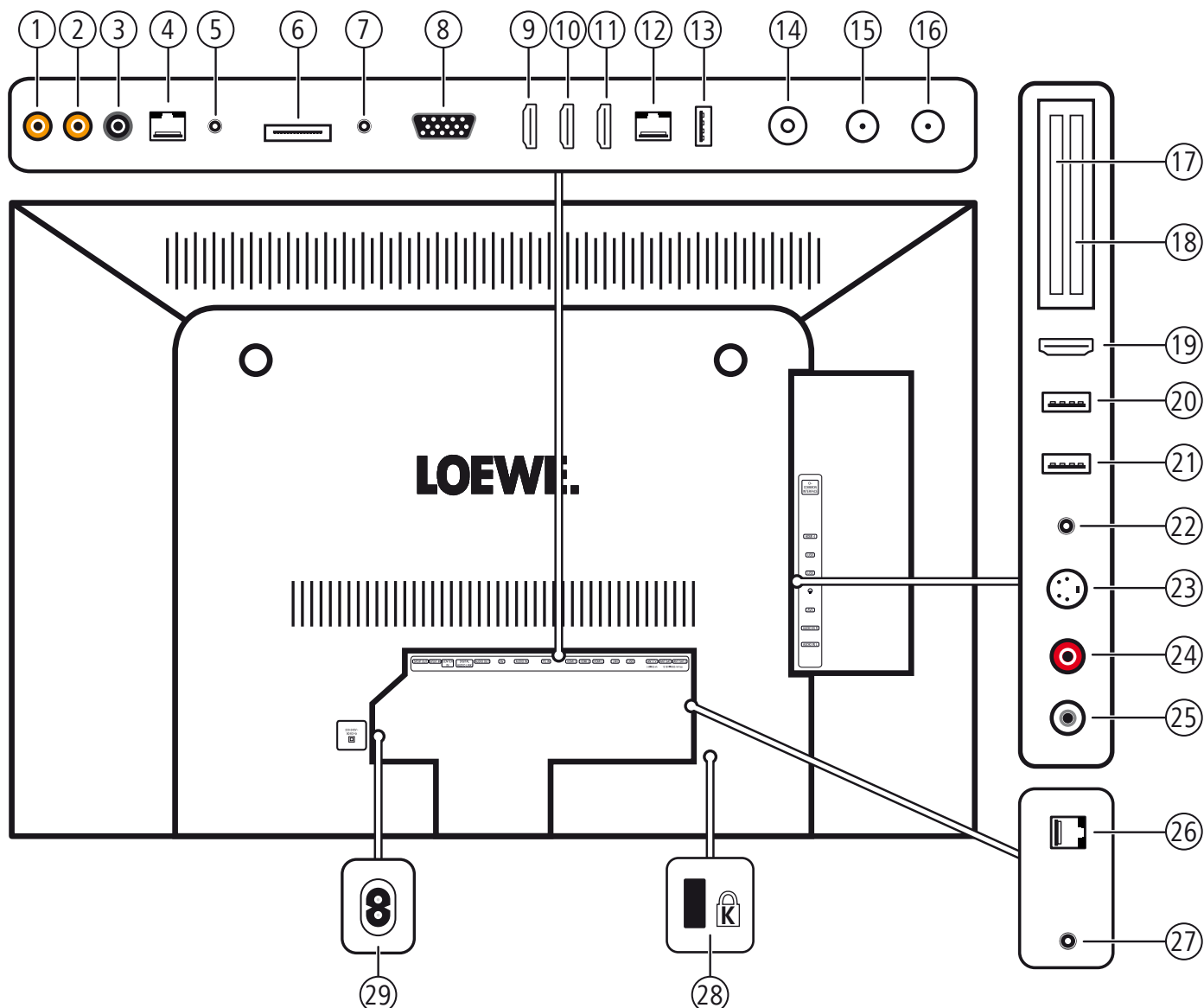The content of this menu depends on the provider of the CA module.

Removing the CA module

ℹ Switch off TV set using the mains switch.

Remove the cover from the rear of the set.

Pull the CA module out of the CI slot.

Close the side cover.

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① **SPDIF OUT** - Digital audio output

② **SPDIF IN** - Digital audio input

③ **CENTER IN** - Centre audio input (analogue)

④ **DIGITAL AUDIO LINK** - Surround audio outputs (digital)

⑤ **AUDIO OUT** - Audio output (analogue) L/R

⑥ **AV** - Mini AV socket [1]

⑦ **AUDIO IN** - Audio input (analogue)

⑧ **PC IN** - VGA/XGA input

⑨ **HDMI 1** - HDMI input 1 (with HDMI ARC support)

⑩ **HDMI 2** - HDMI input 2

⑪ **HDMI 3** - HDMI input 3

⑫ **LAN** - Network connection

⑬ **USB** - USB connection

⑭ **ANT TV** - Antenna/cable analogue/digital

⑮ **ANT SAT** - Satellite antenna (sat tuner 1)

⑯ **ANT SAT 2** - Satellite antenna (sat tuner 2)

⑰ **CI-COMMON INTERFACE** - Common Interface (CI slot)

⑱ **CI-COMMON INTERFACE** - Common Interface (CI slot)

⑲ **HDMI 4** - HDMI input 4

⑳ **USB** - USB connection

㉑ **USB** - USB connection

㉒ **Ω -** Headphone connection

㉓ **AVS** - S-Video connection (AVS)

㉔ **AUDIO IN R** - Audio input right (AVS)

㉕ **AUDIO IN L** - Audio input left (AVS)

㉖ **RS-232C** - Serial interface [2]

㉗ **IR LINK** - Infrared transmitter connection [2]

㉘ Socket for Kensington lock

㉙ **AC IN** - Mains connection

[1] The adaptor set is available as an accessory from your dealer.
[2] Optionally available as an upgrade kit

Function of the connections (Connect ID DR⁺)

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
RS-232C	RJ12	Data I/O:	Serial interface [1]
IR LINK	Jack 3.5 mm		Connection for IR transmitter [1]
CENTER IN	Cinch (black)	Audio IN: max. 2Vrms:	Centre audio input (analogue)
AV	Mini AV	Video IN: Audio IN:	Y/C (S-VHS/Hi 8) CVBS (VHS/8 mm) RGB L/R
ANT TV 5 V⎓/80 mA	IEC socket	75 Ohm / 5 V / 80 mA:	Antenna analogue / Cable analogue / DVB-T / DVB-C DVB-T2 [1]
ANT SAT ANT SAT2 13/18V⎓/500 mA max.	F socket (2x)	75 Ohm / 13/18 V / 500 mA:	ANT-SAT DVB-S/S2
SPDIF IN	Cinch (orange)	SPDIF IN:	Digital audio input
SPDIF OUT	Cinch (orange)	SPDIF OUT:	Digital audio output
DIGITAL AUDIO LINK	RJ-45	Audio OUT:	Multi-sound (digital)
AUDIO IN	Jack 3.5 mm	Audio IN:	Audio input (analogue)
PC IN	D-SUB 15-pole	Video IN:	PC/STB video signal Component (YPbPr)
AUDIO OUT	Jack 3.5 mm	Audio OUT:	Audio output (analogue)
HDMI1 HDMI2 HDMI3 HDMI4	HDMI type A (4x)	Digital Video/Audio IN (HDMI1, HDMI2, HDMI3, HDMI4): Digital Audio OUT (HDMI1 via HDMI ARC):	Digital video and audio
LAN	RJ-45	Ethernet / Fast Ethernet:	Network interface
USB	USB type A (3x)	USB 2.0 (max. 500 mA):	Multimedia files/software update
AVS	Mini DIN	Video IN:	Y/C (S-VHS/Hi 8) CVBS (VHS/8 mm)
AUDIO IN L AUDIO IN R	Cinch (white/red)	Audio IN:	L (white) / R (red)
⌂	Jack 3.5 mm		Headphones 32–200 Ohm
CI- COMMON INTERFACE	CI Slot (2x)	Common Interface:	Slot for CA module

[1] Optionally available as an upgrade kit

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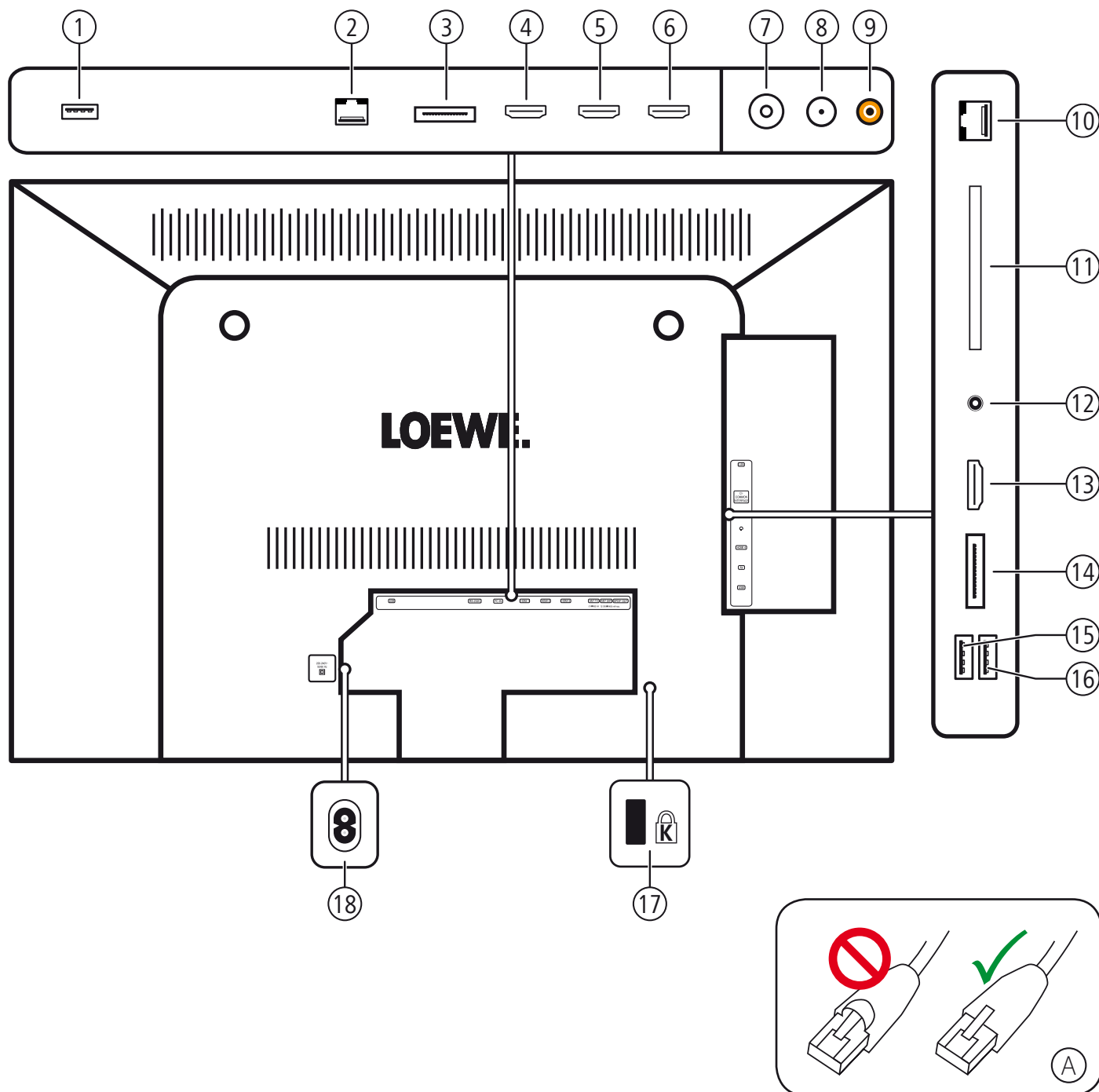
① **USB** - USB connection

② **RS-232C** - Serial interface

③ **PC IN** - Mini AV socket [1]

④ **HDMI 1** - HDMI input 1 (with HDMI ARC support)

⑤ **HDMI 2** - HDMI input 2

⑥ **HDMI 3** - HDMI input 3

⑦ **ANT TV** - Antenna/cable analogue/digital

⑧ **ANT SAT** - Satellite antenna (sat tuner)

⑨ **SPDIF OUT** - Digital audio output

⑩ **LAN** - Network connection [2]

⑪ **CI-COMMON INTERFACE** - Common Interface (CI slot)

⑫ **Ω -** Headphone connection / Audio output (analogue) L/R

⑬ **HDMI 4** - HDMI input 4

⑭ **AVS** - Mini AV socket [1]

⑮ **USB** - USB connection

⑯ **USB** - USB connection

⑰ Socket for Kensington lock

⑱ **AC IN** - Mains connection

[1] The adaptor set is available as an accessory from your dealer.
[2] Only use a LAN cable without a cap over the locking mechanism (see image Ⓐ). LAN cables with caps may cause problems when the cable is being disconnected.

Function of the connections (Connect ID)

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
RS-232C	RJ12	Data I/O:		serial interface
PC IN	Mini AV	Video IN:	with S-Video adaptor:	Y/C (S-VHS/Hi 8) CVBS (VHS/8 mm)
			with VGA adaptor:	PC/STB video signal Component (YPbPr)
		Audio IN:		L/R
ANT TV 5 V⎓/80 mA	IEC socket	75 Ohm / 5 V / 80 mA:		Antenna (analogue) / Cable (analogue) / DVB-T/T2 / DVB-C
ANT SAT 13/18V⎓/400mAmax	F socket	75 Ohm / 13/18 V / 400 mA:		ANT-SAT DVB-S/S2
SPDIF OUT	Cinch (orange)	SPDIF OUT:		Digital audio output
HDMI1 HDMI2 HDMI3 HDMI4	HDMI type A (4x)	Digital Video/Audio IN (HDMI1, HDMI2, HDMI3, HDMI4): Digital Audio OUT (HDMI1 via HDMI ARC):		Digital video and audio
LAN	RJ-45	Ethernet / Fast Ethernet:		Network interface
USB	USB type A (3x)	USB 2.0 (max. 500 mA):		Multimedia files/software update
AVS	Mini AV	Video IN:	with S-video adaptor:	Y/C (S-VHS/Hi 8) CVBS (VHS/8 mm) RGB
		Audio IN:		L/R
⌂	Jack 3.5 mm	Audio OUT:		Headphones 32–200 Ohm Audio output (analogue) L/R
CI-COMMON INTERFACE	CI Slot	Common Interface:		Slot for CA module

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Technical data

Type	Connect ID 55 DR[+] HD TV 1080p	Connect ID 46 DR[+] HD TV 1080p	Connect ID 40 DR[+] HD TV 1080p
Part number	52465x44	52464x44	52463x44
Device dimensions without mounting option (W x H x D)	125.8 x 78.4 x 8.8 cm	106.4 x 67.4 x 7.8 cm	93.1 x 59.8 x 7.8 cm
Device dimensions with mounting option (W x H x D)	125.8 x 78.4 x 12.7 cm	106.4 x 68.2 x 24.1 cm	93.1 x 60.8 x 24.1 cm
Weight without mounting option (approximate)	30.4 kg	19.8 kg	16.4 kg
Weight with mounting option (approximate)	31.4 kg	20.1 kg	16.7 kg
Display technology	Full HD LCD with edge LED backlight technology		
Screen diagonal / Picture format	140 cm / 16:9	117 cm / 16:9	102 cm / 16:9
Resolution / Motion Response	1920 x 1080 px / 200 Hz		
Contrast (static / dynamic)	7,000 : 1 / 7,000,000 : 1		6,000 : 1 / 6,000,000 : 1
Viewing angle (horizontal / vertical)	178° / 178°		
Power consumption On-Mode max. (Audio output 1/8 of the maximum value)	108 W	91 W	82 W
Power consumption On-Mode (Home)	82 W	82 W	63 W
Power consumption in Standby Mode	< 0,5 W	< 0,5 W	< 0,5 W
Power consumption when set is switched off	0 W	0 W	0 W
Ambient temperature	5°C – 35°C		
Relative humidity (non-condensing)	20 – 80%		
Air pressure	800 – 1114 hPa (0 – 2000 m above sea level)		
Chassis designation:	SL 221		
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:	6000		
TV standards: analogue: digital:	B/G, I, L, D/K, M, N DVB-T, DVB-C, DVB-S/S2 DVB-T2 [1]		
Colour standards:	SECAM, PAL, NTSC, NTSC-V, PAL-V (60 Hz)		
Sound standards: analogue: BG, DK, MN: BG, I, DK: L, L1: digital:	Mono, Stereo, Dual channel FM-A2 FM-Nicam AM-Nicam Mono, Stereo, Dual channel, PCM, Dolby Digital, Dolby Digital Plus, Dolby Virtual Speaker, DTS, Dolby Digital Pulse		
Audio output power (music/sine):	2 x 40 W / 2 x 20 W		
Teletext:	TOP FLOF HiText (Level 2.5)		
Page memory:	2000		

[1] Optionally available as an upgrade kit

Technical data

Type	Connect ID 55 HD TV 1080p	Connect ID 46 HD TV 1080p	Connect ID 40 HD TV 1080p
Part number	52465x85	52464x85	52463x85
Device dimensions without mounting option (W x H x D)	125.8 x 78.4 x 8.8 cm	106.4 x 67.4 x 7.8 cm	93.1 x 59.8 x 7.8 cm
Device dimensions with mounting option (W x H x D)	125.8 x 78.4 x 12.7 cm	106.4 x 68.2 x 24.1 cm	93.1 x 60.8 x 24.1 cm
Weight without mounting option (approximate)	30.1 kg	19.5 kg	16.1 kg
Weight with mounting option (approximate)	31.1 kg	19.8 kg	16.4 kg
Display technology	Full HD LCD with edge LED backlight technology		
Screen diagonal / Picture format	140 cm / 16:9	117 cm / 16:9	102 cm / 16:9
Resolution / Motion Response	1920 x 1080 px / 200 Hz		
Contrast (static / dynamic)	7,000 : 1 / 7,000,000 : 1		6,000 : 1 / 6,000,000 : 1
Viewing angle (horizontal / vertical)	178° / 178°		
Power consumption On-Mode max. (Audio output 1/8 of the maximum value)	103 W	86 W	77 W
Power consumption in Standby Mode	< 0,5 W	< 0,5 W	< 0,5 W
Power consumption when set is switched off	0 W	0 W	0 W
Ambient temperature	5°C – 35°C		
Relative humidity (non-condensing)	20 – 80%		
Air pressure	800 – 1114 hPa (0 – 2000 m above sea level)		
Chassis designation:	SL 212		
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:	6000		
TV standards: analogue: digital:	B/G, I, L, D/K, M, N DVB-T/T2, DVB-C, DVB-S/S2		
Colour standards:	SECAM, PAL, NTSC, NTSC-V, PAL-V (60 Hz)		
Sound standards: analogue: BG, DK, MN: BG, I, DK: L, L1: digital:	Mono, Stereo, Dual channel FM-A2 FM-Nicam AM-Nicam Mono, Stereo, Dual channel, PCM, Dolby Digital, Dolby Digital Plus, Dolby Digital Pulse		
Audio output power (music/sine):	2 x 40 W / 2 x 20 W		
Teletext:	TOP FLOF		
Page memory:	1000		

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Environmental protection

Power consumption

Your TV set is equipped with an eco-standby power supply. In the standby mode, the power consumption drops to low power (see chapter **Technical data**). 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 by the TV set.

ℹ️ The TV set will be completely separated from mains only when you unplug the mains cable.

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

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

If the TV set is not operated for 4 hours (adjustment of volume, programme change, etc.) the TV set 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 only active in the energy efficiency mode **Home Mode**.

Cardboard box and packaging

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

The device

The EU directive 2002/96/EG regulates the proper way to recycle, handle and utilise used electronic devices. **Old electronic appliances** must therefore be disposed of separately. **Never** dispose of this device in normal **domestic waste**!

You can hand in your old unit free of charge at identified collection points or to your dealer if you buy a similar new unit. Other details about re-acceptance (also for non-EU countries) are available from your local municipal administration.

Batteries

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

Licences

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

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

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC in the United States and other countries.

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

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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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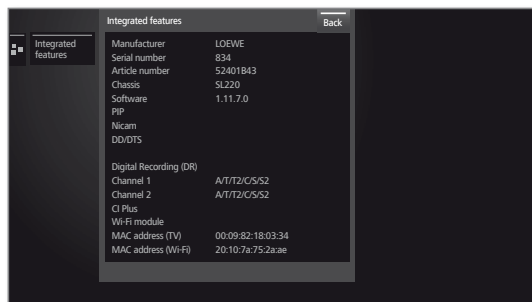
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Integrated features

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

The precise features, part and series numbers as well as the device software release are listed in the **Integrated features** item under **Extras → Special functions**.

Integrated features	Back
Manufacturer	LOEWE
Serial number	834
Article number	52401B43
Chassis	SL220
Software	1.11.7.0
PIP	
Nicam	
DD/DTS	
Digital Recording (DR)	
Channel 1	A/T/T2/C/S/S2
Channel 2	A/T/T2/C/S/S2
CI Plus	
Wi-Fi module	
MAC address (TV)	00:09:82:18:03:34
MAC address (Wi-Fi)	20:10:7a:75:2a:ae

Conformity / Manufacturer's declaration

The set is CE marked and complies with EU directives. The complete declaration of conformity is included in the detailed operating manual, which you can download from our homepage (see right-hand column).

This equipment is in compliance with the essential requirements and other relevant provisions of **Directive 1999/5/EG**. It may be operated in all countries in the **EU** and also in **Iceland**, **Norway** and **Switzerland**. In **France** and **Italy** it may **only** be used **indoors**.

Software / User guides

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
- System 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 left-hand column), 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. 90456.990.

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".

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The key number invalidates an identification number and thus the parental lock. Please keep it in a safe place.

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