

Operating instructions

TV

■ Xelos A 22



233-32172 021



LOEWE.

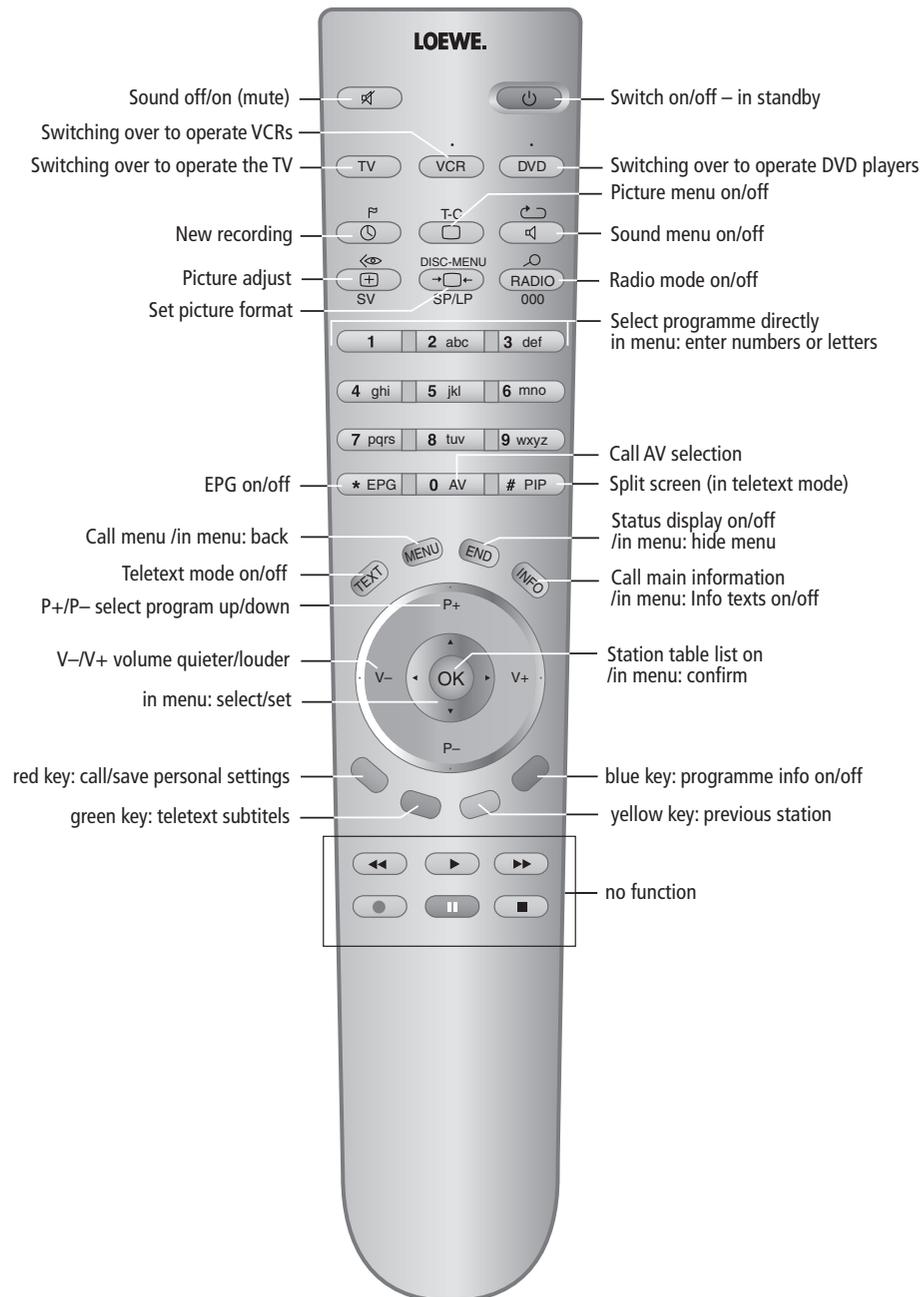
Contents

Remote control RC4 – TV functions	3	Modes of operation	13
Control unit	4	TV mode	13
Connections to rear panel	5	EPG	15
Welcome	6	Teletext	17
Features	6	Radio	18
Transporting	6	Operating additional equipment	19
Note on LCD screen	6	Connecting recorders	19
Installation possibilities	6	Video playback	20
Cleaning	6	Timer recording with recorder	20
For your safety	7	Operating Loewe video recorders and Loewe DVD players directly	21
Initial installation	8	What to do, if ...	22
Remote control	8	Technical data	24
Connection	8	Available accessories	25
Switching on	8	Service-addresses	26
Automatic programming	9		
Daily operation	9		
Switch on/off	9		
Changing channels	10		
General information about the menu operation	11		
Adjusting the sound	12		
Setting the picture	12		
Operation on the TV set	12		



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Remote control RC4 – TV functions



Control unit



Open menu,
in menu: up ▲

Radio mode on/off (back to TV mode),
Switch on from standby to radio mode
in the menu: down ▼



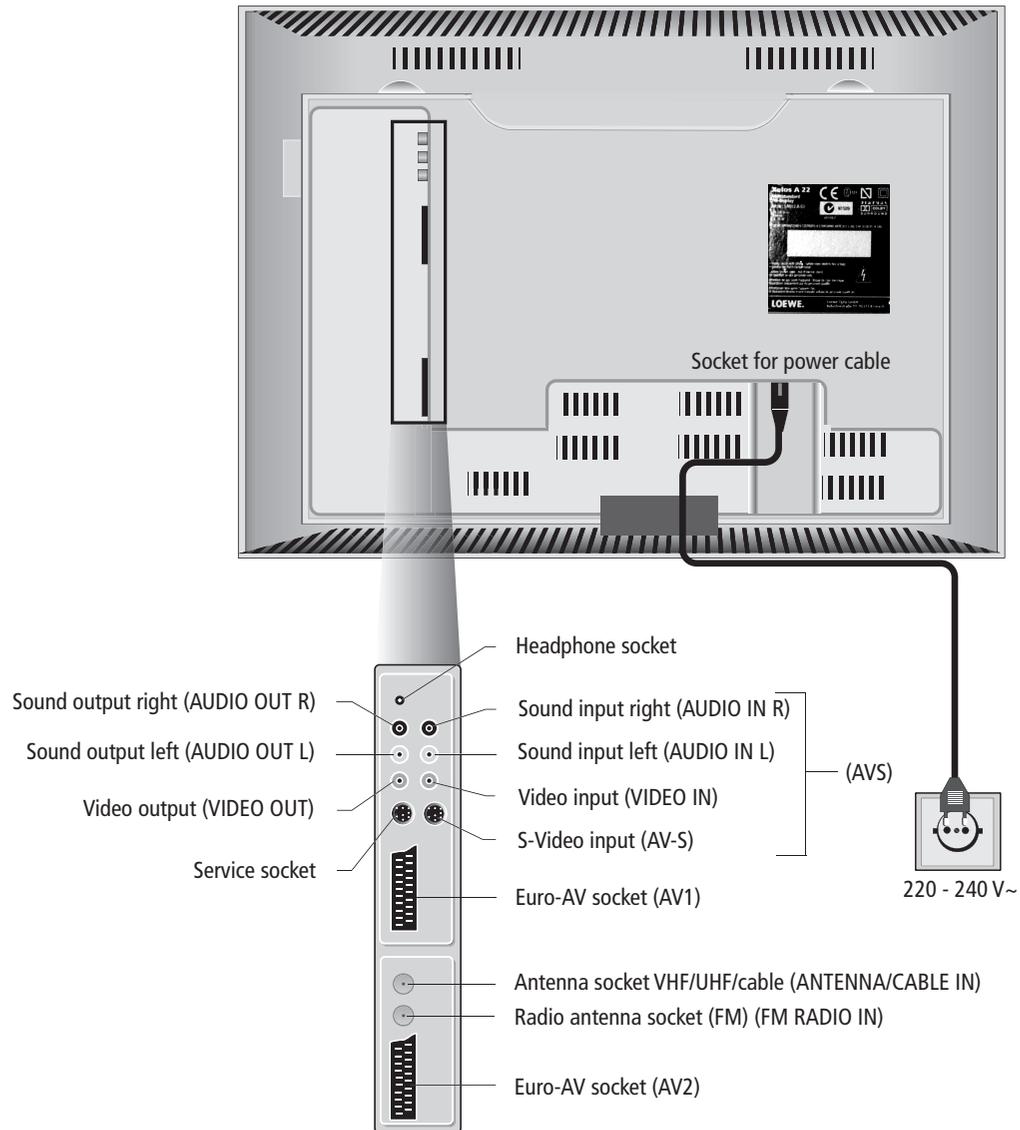
Time displayed or selected
radio program

LED green: operation
red: standby
orange: radio mode or EPG data capture

Program down,
in menu: left ◀

Program up,
in menu: right ▶

Connections to rear panel



Welcome

Thank you

for choosing a Loewe product.

We are happy to have you as a customer.

At Loewe we combine the highest standards of technology, design and user friendliness. This applies equally for TV, video and accessories.

Neither technology nor design is an end in itself, but both are intended to provide our customers with the best possible audio and visual experience.

We have designed the TV set in such a way that it is easy to operate with menus. Information about settings in menus is shown automatically for fast comprehension of the situation.

You will find the answers to many of your technical queries in the index of your TV. If it is a matter of operating the TV, you can access a function directly from the index. This saves you from having to read through detailed operating instructions and is the reason, why this operating manual only explains the most important operating steps.

Features

You can find out the features of your TV set by calling Index - Integrated features (call up by pressing the **INFO** key in TV mode, while no menu is displayed).

With the remote control RC4, you can operate three Loewe units, this TV, a Loewe video recorder and a Loewe DVD player.

Transporting

Only transport the unit in an upright position. Hold the set by the top and bottom edges of the housing. The LCD screen is made of glass and may break if not handled carefully. If the LCD screen is damaged and in case of leaking liquid crystal, wear rubber gloves to carry the device. In case of contact with the skin, wash thoroughly with water immediately.

Note on LCD screen

The screen you have purchased meets the highest quality requirements in this segment and has been tested for pixel errors. Despite the utmost caution in production of the sets, it cannot be totally ruled out that some of the pixels might be defective for technological reasons. Please understand that such effects cannot be considered as a unit defect in the sense of the warranty as long as they are within the limits specified by the standard.

Installation possibilities

as a desktop unit

Use the base included in delivery.

as a stand unit

Use the Flat-TV F-stand 2, Loewe order no. 63495A00.

as a wall-mounted unit

Use the wall holder WM34, Loewe order no. 63492A01.

Cleaning

Use only a soft, clean, damp cloth to clean the TV, LCD screen and remote control (don't use any caustic or abrasive cleaning agents).

Disposal

Important:



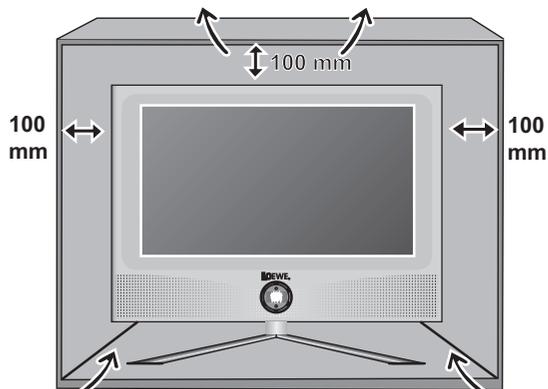
The EU Directive 2002/96/EG governs the proper re-acceptance, handling and recycling of used electronic appliances. Old electronic appliances must therefore be disposed of separately.

Never throw this set in the normal domestic waste. You can hand in your old set free of charge at identified collection points or at your dealer if you buy a similar new set. Other details about re-acceptance (also for non-EU countries) are available from your local administration.

For your safety

For your safety and to avoid unnecessary damage to your TV set, please read and observe the following safety instructions:

- This TV set is designed exclusively for reception and reproduction of video and audio signals.
- This equipment is designed for domestic and office environments and must not be used in rooms with high humidity (e.g. bathroom, sauna) or high concentrations of dust (e.g. workshops). If the equipment is used in the open air, ensure that it is protected against moisture (rain, dripping, splashing, sprayed water or dew). Do not place any containers filled with liquids or lit candles on top of the TV. High levels of moisture and concentrations of dust cause leakage currents in the equipment, which can lead to danger of electric shock or fire. The warranty is only valid for use in the specified permissible environment.
- If you have moved the TV set out of the cold into a warm environment, leave it standing for about an hour because of the possible forming of condensation.
- This equipment must only be connected to a mains power supply which has the same voltage and frequency as that specified on the rating plate with the power cable provided. Incorrect voltages can damage the equipment.
- Like all electronic equipment, your TV needs air for cooling. Obstruction of the air circulation can cause fires. Therefore the air vents on the back must always be kept free. Please do not place newspapers or cloths on/over the TV. If the TV is placed in a cabinet or on a shelf, leave at least 5 cm at the sides and 10 cm at the top to ensure sufficient air circulation. Position the set so that it is not exposed to direct sunlight and additional heating from radiators.



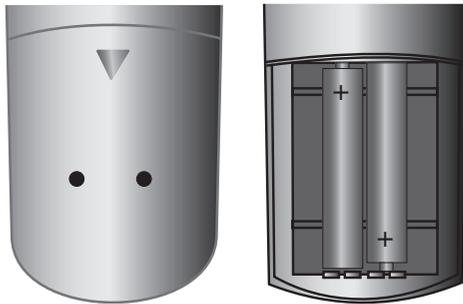
- Avoid metal parts, needles, paper clips, liquids, wax or similar getting into the TV set through the air venting slits in the rear panel. This can lead to short-circuits and possibly to fire. If something should get into the inside of the TV set, pull out the plug immediately and notify customer service.
- Never remove the back of the TV set yourself. Repair and servicing of your TV set should only be carried out by authorized TV technicians.
- Place the TV set on a level, firm base. The set should not protrude at the front when installing in cabinets or shelves. Only use original accessories if possible, e.g. Loewe wall holders and stands.
Never let children handle the TV unattended.
Do not allow children to play in the immediate vicinity of the TV, they could knock, shift or pull it over and injure someone. Never leave the TV on unsupervised.
- Do not install the TV where there may be vibrations. Vibrations can lead to material stress.
- Pull out the power and antenna cables during thunderstorms. Surge voltages caused by lightning strikes can damage the TV through the antenna system and the mains. Also remove the antenna and mains plugs in long periods of absence.
- Since this TV has no mains switch, the mains plug must be easily accessible so that it can be disconnected from the mains at any time.
- Lay the cable in such a way that it will not be damaged. The power cable may not be kinked or laid over sharp edges, not stood on and not exposed to chemicals, the latter also applies to the device as a whole. A mains cable with damaged insulation can lead to electric shocks and is a fire risk.
- When removing the power plug, pull the plug housing and not the cable. The wires in the plug could be damaged and cause a short circuit the next time it is plugged in.

Initial installation

Remote control

Batteries

To insert or change the batteries press on the arrow. Slide the battery compartment cover downwards and remove it. Insert Alkali Mangan LR 03 (AAA) batteries and ensure that the + and – ends are connected correctly.



Slide the cover upwards to shut.

Information for the disposal of batteries:



The batteries provided in the unit do not contain cadmium, lead or mercury. Do not dispose them in the household rubbish.

Set the remote control for operating the TV

 Press the TV button.

How to operate other Loewe equipment is described on page 21.

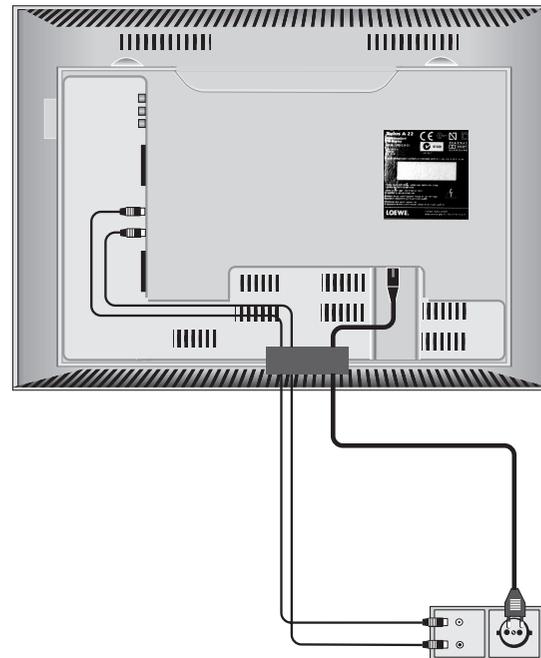
Connection

Power mains

Remove the rear cover. Plug the small plug of the power cable into the mains socket on the back of the TV, the large plug into a 220-240V/50-60 Hertz power outlet.

Antennae

Plug the TV antenna plug of your antenna or cable system into the ANTENNA/CABLE IN socket and the plug of the radio antenna into the FM RADIO IN antenna socket on the back of the set (see also page 5). Lay the cables in the cable holder in the rear middle of the TV set.



Replace the rear cover.

Switching on



When the red or orange LED lights on the set:
Press the blue on/off button on the remote control to switch on the TV.



If the LED on the set is not alight:
Press the R button on the set long.

It takes about 2 minutes after switching for the screen to reach full brightness due to the LCD technology.

Initial installation

Automatic programming

Automatic programming of the TV set is started the first time you switch it on. Follow the menus.

First you have to select the menu language. Then you have to check whether the displayed antenna connections are correct. Then you enter in what country you are using the TV set. Then start the station search. The TV set searches for, saves and sorts all programs which are receivable on your antenna system.

Then log in your recorder and connect it with the TV set (also see page 19). You can also connect and log in additional equipment later.



By pressing the **OK** button in the direction of the arrow ◀ ▶ ▼ ▲ you select the setting ...



... and confirm your settings with **OK**. You then go to the next menu.

You can repeat initial installation at any time, e.g. after moving house. Call the index with the INFO button. Select the index item "Repeat initial installation". Start with **OK**.

Daily operation

Switch on/off

Your TV is equipped with an eco-standby power supply unit. On standby the power consumption drops to low power.

If you want to save more electricity, separate the set from the mains by removing the mains plug.

Please bear in mind that this does cause the EPG data to be lost.

Switching on/off with the remote control (LED display on set glows)



If the TV is switched on, you can switch it off with the blue on/off button on the remote control. The red LED on the TV set lights up. If the orange LED lights EPG data is being captured.



From standby it is best to switch back on with the blue On/Off button or with a numeric key (station 0 – 9) of the remote control.



Or switch on the TV set with **OK**, you can see the channel overview and select a station.



With the RADIO button on the remote control you can switch on radio operation.

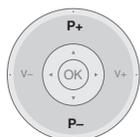
Switching on/off on the set (LED display on set doesn't glow)



Press the R button long until the LED lights up.

Daily operation

Changing channels



P+/P-: Channel up/down

... with the numeric keys of the remote control

The set has a dynamic memory with 99 memory locations. If up to 9 stations are stored, you only need to enter one digit, up to 99 two digits (please look in the station table to see how many station have been stored).

7 pgrs

long

1 digit stations

Press keys 0 – 9 for one second, and the station changes instantly. Or press button 0 – 9 briefly, the station then changes after 2 seconds (the station changes immediately when only 9 stations are stored).

2 a 7 pgrs

short long

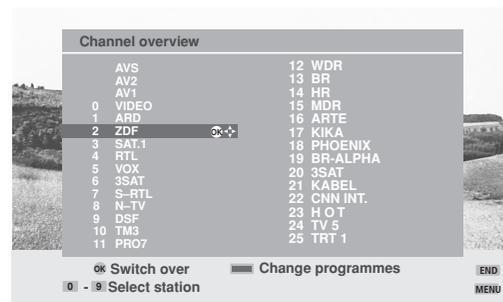
2 digit stations

After briefly pressing the first numeric button keep the second numeric button pressed for one second, the station then changes immediately. Or press both numeric buttons briefly, the station then changes after 2 seconds.

... via the channel overview



Call the channel overview with **OK**.



Select station

or ...

0 AV

9 wxyz

... select with numeric buttons



call selected station

Calling up audio/video stations - AV selection

0 AV

for playing video equipment (see also page 20).



Select AV socket for external video device and ...



...with **OK** call AV station.

Daily operation

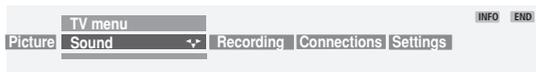
General information about the menu operation

We show you how to navigate with the menus with the TV menu as an example. You'll be able to see which keys to use from the dark blue box on the right.

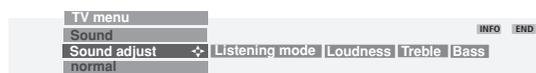
 Open TV menu (in TV mode).



 Select the function in the TV menu, e.g. "Sound" (for sound settings). With  you move the menu items displayed on the right to the dark blue box, with  the menu items displayed on the left.



 Select the sound function below with , you will then see a list of the sound settings.



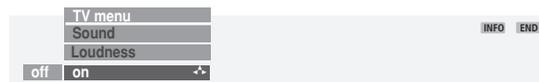
 For the audio settings also select the function with , e.g. "Loudness" (for treble and bass increase at low volume).



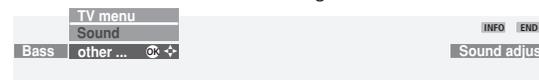
 To switch on the Loudness function, mark with  "off".



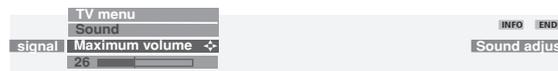
Select "on" with .



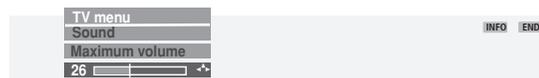
If you want to make other audio settings, go up to "Loudness" with  and select "other" with   for example. You can also move up further to "Sound" with  and select other settings in the TV menu.



Have the other audio settings displayed with **OK**. With   select the audio setting, e.g. "Maximum volume" and ...



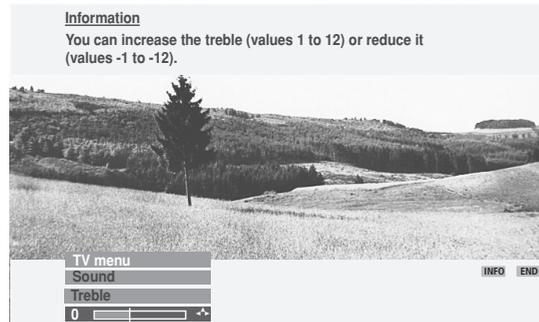
... mark the setting bar for maximum volume with .



Set maximum volume with  

Information about the current setting is displayed in the top part of the screen when you press the **INFO** button.

You can hide the infos by pressing the **INFO** button again.



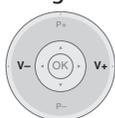
To hide all menus, press the **END** button.

You are now familiar with handling of the menus so that you can easily operate the TV with the other menus.

Daily operation

Adjusting the sound

Setting the volume



V- / V+: Setting the volume



Sound off/on



Sound off;



Sound on: Press button again or adjust volume.

Other sound settings:



Call the sound menu



select the sound function to be set with ◀ ▶ and with ▼ to the appropriate selection...



... and select/set with ◀ ▶.

Sound settings: Sound adjust (normal, Pop, Classical, Speech), Listening mode (Stereo, Panorama, Dolby Virtual), Loudness, Treble, Bass. Under „other...“ you will find Sound via (TV or HiFi), Loudspeaker sound (stereo or mono), AV audio signal, Maximum volume.

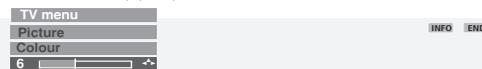
Setting the picture



Open the Picture menu



Select the picture function to be set with ◀ ▶ and with ▼ to the appropriate selection...

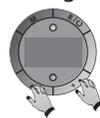


... select/set with ◀ ▶.

Picture settings: Picture adjustment, Contrast, Colour, Sharpness. Under "other..." you will find Brightness, Tint, Format, Move picture (up/down), Movie mode (DMM).

Operation on the TV set

Switching channels on the TV set

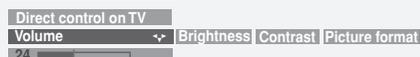


Channel up +
Channel down -

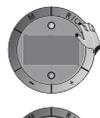
Volume, brightness, contrast, color and picture format



Open the menu with M



Select the function to be set with - or +



with R to the appropriate setting/selection



Set/select with - or +.

With M you go back up one level and can select other functions with - or +.

Modes of operation - TV mode

TV mode

In initial installation and daily operation, the TV set is in TV mode. This is also the case when none of the other modes of operation such as EPG, Teletext or Radio has been selected. Each of these modes of operation has a menu, which you can call with the MENU button and with some color button assignments.

Functioning of the colour buttons in TV mode

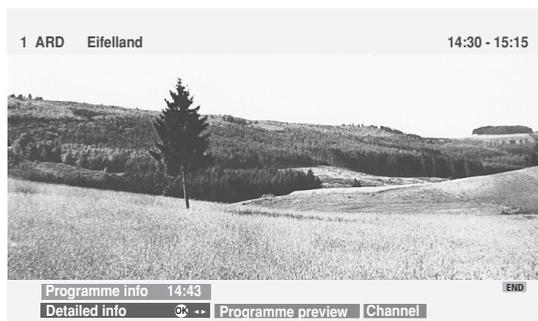
 red: call personal values/factory values for picture and sound, save picture and sound values as personal values



 green: teletext subtitles

 yellow: call last viewed channel. You can switch back and forth quickly between two channels with this button.

 blue: call programme info



Show status display

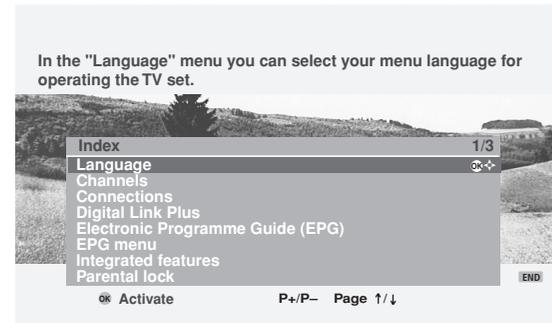
 Show/hide status



Open index



Open index



The index answers many questions, concerning your TV set. If you have a question about the operation, you have direct access to it from the index.

This set is delivered in different variants. You can find out what equipment your TV has under the menu item "Integrated features".

Select picture format



The TV set sets the best picture format automatically. If you want to set a different format, select the format with  .



Modes of operation - TV mode

TV menu



Call up TV menu



You will find a description of the picture and sound settings on page 12. The TV menu offers others for recording and connections and for TV settings

Under "Recording" you will find the functions:

New recording

- via EPG • via teletext • manual recording

If you have connected a Digital Link Plus Recorder, the timer data will be transmitted to the recorder that will start recording automatically.

Pre-record time and Post record time

For recordings without VPS you set Pre-record time and Post record time here so that the program is fully recorded in case of slight differences in the time.

Under "Connections" you will find the following functions:

Here you can connect additional equipment such as video recorders, DVD players/recorders, camcorders/digital cameras or Pay-TV decoders. Select the connection (AV1, AV2 or AVS) to which you want to connect a device and select the type of device in the list which then appears (see also page 19).

Others settings under "Connections":

- RGB insertion (AV1) to play back RGB signals.
- Switching voltage to display the signals of the connected device immediately on the screen via Euro AV during playback
- Digital Link Plus: Transmission of the program data from the TV set to the video/DVD recorder if a recorder with Digital Link Plus is connected (see page 20).

Under "Settings" you will find the following functions:

Programmes

Here you can search for and store new stations automatically or manually. In "Change" you can move and delete stations and change station names.

- Automatic search • Manual settings • Change

Parental lock

If you want to prevent your children from using the set unsupervised, activate the parental lock.

Timer functions

You can have your TV switch off at pre-programmed times or wake you/remind you with radio or TV. If you are not present at the time, a safety prompt makes sure the TV switches off again after 5 minutes.

- TV off once only • One-time reminder • Wake up daily • Wake up with • Wake up volume

Time and date

If you receive teletext, the correct date and time setting is detected by the set. The time serves as information for timer services and EPG. If you do not receive teletext, you should set the date and time. Use the numeric buttons on the remote control and the arrows ◀ ▶ to move from one digit position to the next.

In the time and date menu you can also set when you want the TV set to automatically start and end daylight saving. You can also set a deviation UTC.

Language

You can set the language in which the menus are displayed under Settings - Language.

If "your" menu language is not set, you may have to select the "Language" menu in a language you cannot understand:

1. Press the INFO key while no menu is displayed. The index appears.
2. Select the first entry on the first page (1/3), if it is not selected automatically.
3. Confirm with OK.

You are now in the language menu and can select your language.

Modes of operation - EPG

EPG is the electronic program guide for TV programs. With this system, you can easily find the stations that interest you (sorted according to time, channel and topic). You can memorize stations and station recordings.

To collect data for the EPG a data capture has to be executed. The data are not provided by all stations. Therefore a provider (station) has to be selected first.

Using the EPG

*** EPG** Switch EPG on/off

All currently running programs are listed initially in the program list. With the **▼ ▲** buttons, select the program you want to watch and switch over with the **OK** button.

Brief information is shown below the program list for some programs. If further information is available, you can call the detailed information with the **TEXT** button.

With **P-** you can scroll to the next page of the program guide, with **P+** to the previous page.



Call Select time/channels/topics with the blue key

With **▼ ▲** select the menu line time, station or topics. With **◀ ▶** select within the menu bar.

If, for example, you are looking for the next news, select "next" under Time, "all" under Channels and "News" under Topics.

Then you get a list of all news programs in the station list below it.

If you want to note one of these news programs, return to the programme list with the blue button, select the desired news program with **▼ ▲** and note this with **OK**. A **☑** is placed in front of the title of the program. This station is switched to later when the set is switched on. If the TV is off, it switches on again automatically at the beginning of the noted program if this has been set in the EPG menu. If you are out, a security prompt prevents the TV set staying on unattended.

Modes of operation - EPG

Programming recording for recorders

You prepare the station marked with the ▼ ▲ buttons for recording by pressing the red button. In the following menu you confirm the timer data or change them as required. Then a red dot is set in front of this program in the EPG program list as an identification. If you want to delete the timer programming, remove the timer entry in the external recorder.

EPG menu



Call EPG menu



You will find the following settings in the EPG menu:

- Select provider
- TV on when marked
- Data capture

Select provider

You can change the provider (the station which transmits EPG data) to have other programs evaluated. You can do this under "Select provider". Call this menu with **OK** in EPG mode. If the station you want to change to is not listed in the "Select provider" list, start the provider search with the green button. This takes a while. Then a program range search is performed. The programs offered by the provider are displayed in a list.

TV on when marked

You can have the TV switched on automatically from standby at the beginning of the memorized program. If you are not present at the time, a safety prompt makes sure the TV switches off again after 5 minutes.

Data capture

After these settings or after every time the mains plug has been pulled out the data must be collected first. To do this, select the program which you have defined as a provider and leave it switched on for about 2 hours or switch the set to standby.



After approx. 2 minutes the display on the appliance glows orange, and in the display there is the announcement "EPG DATA". The data capture begins and lasts about 2 hours. The data are also automatically collected between 2 and 5 in the morning when the TV is switched to standby.

A prerequisite for data entry is that "Data capture" is "on" in the EPG menu.

Note:

All EPG data are lost if the mains plug is pulled out.

If you cannot receive any EPG providers, for example, you should switch off the data entry.

Modes of operation - Teletext

Teletext mode

Teletext transmits information such as news, weather, sport, program previews and subtitles.



Teletext on/off



Many stations use the TOP operating system, some use FLOF (e.g. CNN). Your TV supports both these systems. The pages are divided into topic groups and topics. After switching on the teletext, up to 390 pages are stored for fast access.

Page selection with the coloured buttons

The coloured bars (in TOP) or the coloured writing (in FLOF) in the penultimate row show you which coloured buttons to use, to scroll to topic groups and topics.



red: page back (not in FLOF)



green: page forward (not in FLOF)



yellow: to the next topic (only in TOP and FLOF)



blue: to the next topics area (only in TOP and FLOF)

Other page selection options:



Mark a specified page number on the page (Page Catching)



call



Scroll in multiple pages. You can see which multiples pages can be called in the bottom menu line.



Call the TOP table

The TOP table is a general list of teletext. You can only call the table on stations, which use the TOP operating system.



Select a topic area with ▼ ▲ .

Select the Topics column with ▶ .

Select topic with ▼ ▲ and display page with OK.

1 2 7 pqrs Enter the page number directly

Displaying teletext pages

0 AV

Stop self-turning pages (HOLD)

9 wxyz

Zoom page top part – bottom part – normal size (press button several times)

PIP

TV picture on/off (Split Text)



Modes of operation - Teletext

Teletext menu



Call the Teletext menu



Here you will find functions such as

- "Reveal" concealed information, e.g. VPS pages in the station table pages
- Programming a recording by teletext
- In the Settings you will find menus to define the station table pages, subtitle pages and the character set.

Program timer recordings

A recorder must be connected.



1. In the teletext program overview of a channel select the program you want to record.



2. Call the teletext menu.



3. Select the menu item „Recording“. The recording settings are displayed. Check and correct them if necessary.

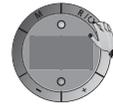


4. Confirm with OK.

Modes of operation - Radio



You can switch radio operation on and off with the RADIO button on the remote control or R on the operating ring on the TV.



You see a station table of the radio stations.

Radio mode:		5 B5 AKTL (News service)
1	B5 AKTL	12 NDR KULT
2	BAYERN 1	13 SWR1
3	BR4 KLSK	14 SWR2
4	SUNSHINE	15 WDR3
5	ROCK ANT	16 WDR5
6	ANTENNE	17 OESTER 1
7	DLR	18 MDR JUMP
8	DLF	19 JAZZ RAD
9	HR-INFO	20 BLUSAT20
10	MDR INFO	
11	MDR FIGA	

OK	Switch over	Screen off	MENU
0 - 9	Select station	Scan stations	END
		Previous station	

You can switch off the screen with the red button. The LED on the TV changes from green to red. You can switch the screen display back on with the red or the END button on the remote control or with R on the operating ring of the TV set.

Station switching with dark screen: with – or + on the operating ring on the TV set or with the remote control P– and P+ or with the numeric buttons.

The Sound menu can be called with the button in radio mode.

Radio menu



Call Radio menu



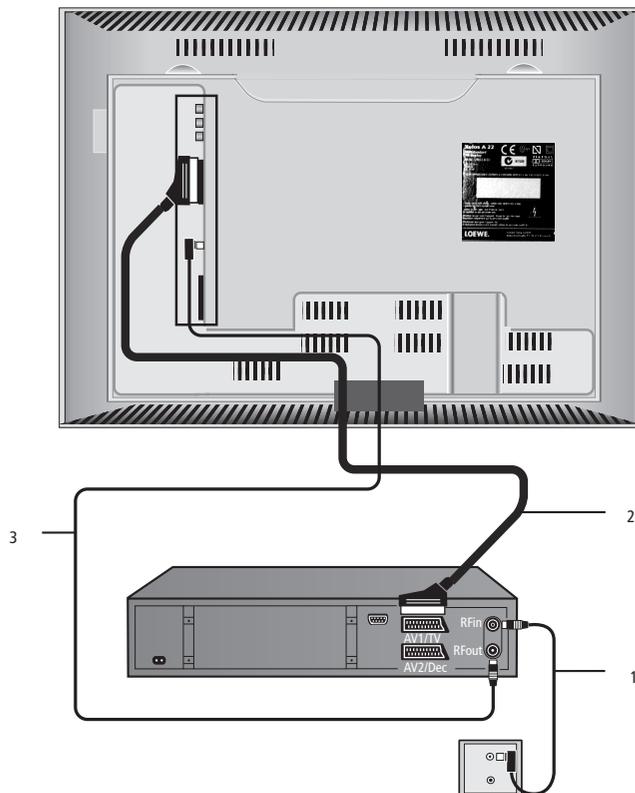
In the Radio menu, as in TV mode, you can

- set the sound
- search for radio programmes and store them (automatically or manually), delete, move or rename them and
- set timer functions.

Operating additional equipment

Connecting recorders

1. Connect your antenna or cable connection to the recorder (1).
2. Connect the recorder to the Euro-AV sockets on the TV set if possible (2).
3. Connect the antenna output of the recorder to the antenna input of the TV set (3). The antenna signal is then available to both the tuner in the recorder and in the TV set.



Log in the device

1. Call the TV menu.
2. Select "Connections".
3. Select the free connection (AV1, AV2 or AV3).
4. Select the device type you want to connect and its signal type in the connection wizard, e.g. "VHS/8 mm...VCR" for video recorder.
5. Confirm with **OK**.
6. Select the colour standard of the auxiliary equipment. Select "automatic" if you do not know what it is.
7. Confirm with **OK**.

Search for and store the station of the recorder (if no Euro AV cable is available)

Switch on the test station on the recorder or insert a recorded medium and start playback. In some video recorders the station must be switched on by activating the modulator.

Call the channel overview with the **OK** button. Select the menu item "VIDEO" and call with **OK**.

To prevent "normal" TV stations being found in the search, pull out the antenna plug from the antenna input of the recorder temporarily (the cable to the antenna system).

If you cannot see the test station or playback from the medium, the recorder is transmitting on a different channel. You then have to search for the station or set it manually.

1. Call the TV menu with the **MENU** button.
2. Select the "Settings" menu item.
3. Select the line below it with **▼** and "Programmes".
4. Select the line below with **▼** and "Manual settings" and call this menu with **OK**.
5. Enter channel "E30" under the "Channel" item (UHF range, select in this menu above if necessary).
6. Start search with the blue button.
7. If the station has been found, save with the red button.
8. A list of the stored stations is displayed.
9. Select 0 (VIDEO) here and overwrite this program place with the red button.
10. Hide the menu again with the **MENU** button.
11. Plug the antenna plug back in.

If you now get interference because a TV station is transmitting on the same channel as the recorder, you have to change the transmitting station on the recorder and search for the recorder station on the TV again.

Operating additional equipment

Video playback

There are several ways to see the picture and hear the sound of the recorder, DVD player or camcorder on your TV:

- You can use the Euro AV sockets on the TV set and on the recorder. This is the best way to get a good picture and sound quality. Use the AVS sockets for camcoders and digital cameras (see page 5).
When playing from a recorder with Digital Link Plus (or a comparable system from another manufacturer), the picture from the recorder is shown at the related program place (can be activated in the TV menu – Connections – switching voltage set to “yes”).
Recorders transmit a switching voltage during playback which the TV can evaluate (can be activated in the TV menu – Connections – switching voltage set to “yes”). Then the picture of the recorder is shown at the current program place.
- Use the antenna connection between the recorder and the TV. The sound is only transmitted in mono.
Call the channel overview with the **OK** button. Select the menu item “VIDEO” and call with **OK**.

Calling an AV program in the AV selection list

0 AV Call AV selection

AV selection
AV1 AV2 AVS



Select the recorder's AV socket and ...



... with **OK** call AV station.

Now you will see the playback from the connected AV unit.

Calling AV stations with the channel overview



Call the channel overview with the **OK** button in TV mode.

Channel overview	
AVS	12 WDR
AV2	13 BR
AV1	14 HR
0 VIDEO	15 MDR
1 ARD	16 ARTE
2 ZDF	17 KIKA
3 SAT.1	18 PHOENIX
4 RTL	19 BR-ALPHA
5 VOX	20 3SAT
6 3SAT	21 KABEL
7 S-RTL	22 CNN INT.
8 N-TV	23 H O T
9 DSF	24 TV 5
10 TM3	25 TRT 1
11 PROJ	

OK Switch over Change programmes **END**
0 - **9** Select station **MENU**

You will always find the AV sockets at the top of the list without station numbers.



Select the AV socket



Call with **OK**.

Timer recording with recorder

You can program timer recordings on the TV set if you have connected a Digital Link Plus Recorder. Programming can be done with the EPG, teletext or manually.

If you have connected a recorder which has Digital Link Plus or a comparable system from a different manufacturer, the timer data are transmitted from the TV to the recorder. The recording quality SQ is transmitted for DVD recorders additionally to station, date and time. The recording is then controlled by the recorder and the recorder tuner is used for reception of the station. The recording data are not saved in the timer list of the TV set. You will only find the timer data in the recorder.

Operating additional equipment

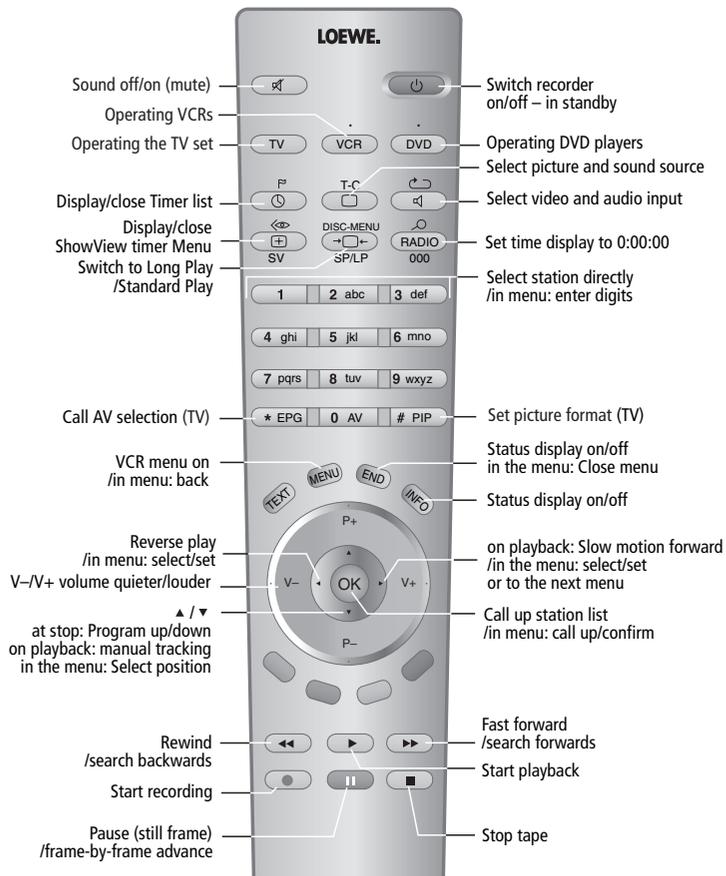
Operating Loewe video recorders and Loewe DVD players directly

You can switch over the remote control of the TV set to operate Loewe video recorders and Loewe DVD players. These devices can be operated directly.

Select the device to be operated:

- VCR** press VCR button, the lamp above lights for about 5 secs.
- DVD** press the DVD button, the lamp lights up for about 5 secs.
- TV** Switch back to TV operation: Press the TV button.

Functions for Loewe video recorders (VV 8106, 8136, 8176)



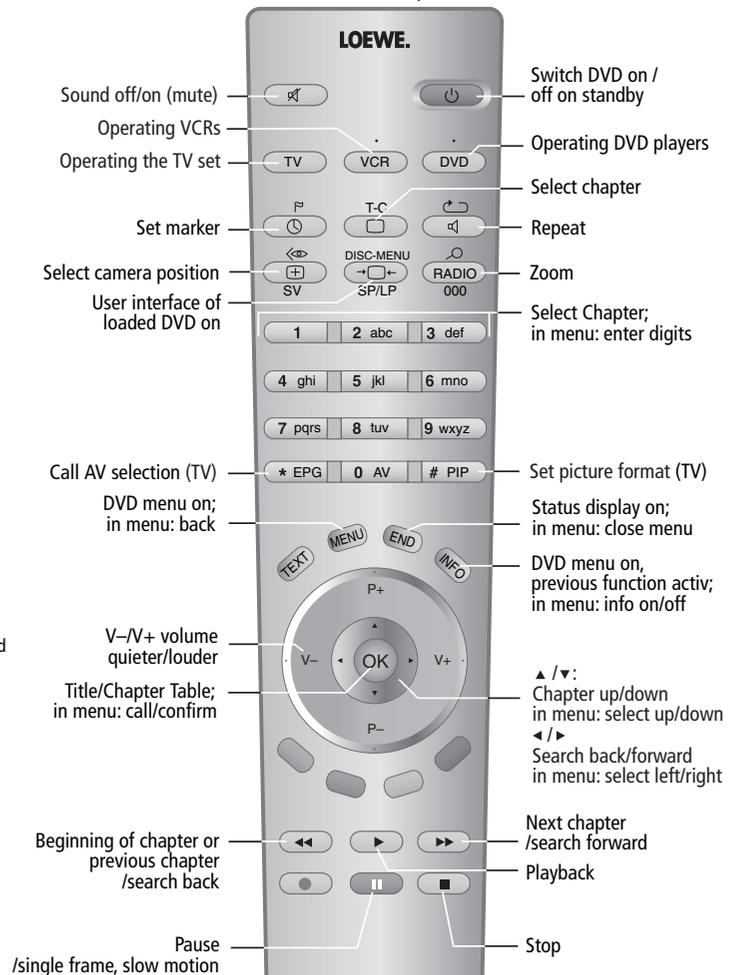
When operating in the VCR or DVD mode, the lamp above the VCR or DVD button lights.

In DVD mode the following DVD players can be operated: Xemix 6122DO, 8122DA und 6222PS.

In VCR mode the following VCRs can be operated: ViewVision 8106H, 8136H, 8176H.

For other Loewe equipment than that listed, please use the original remote control.

Functions for Loewe DVD players (Xemix 6122DO, 8122DA, 6222PS)



What to do, if ...

Problem	Possible cause	Help
The device cannot be operated	Parental lock is activated.	Deactivate the parental lock: In the TV menu - Settings - switch off parental lock or enter PIN.
General problems with connecting external devices via an AV input	a) The AV standard is set incorrectly b) The AV signal is set incorrectly	a) Set the standard correctly b) Set the AV signal correctly If "Automatic" is set for AV standard or AV signal, this can lead to faulty detection in the case of non-standardized signals. Then the standard and the signal must be set according to the specifications in the operating manual of the external device.
No sound via the TV loudspeakers	In the Sound menu - other the item "Sound via ..." is not set to "TV"	Change setting to "TV".
All menus appear in the wrong language	Wrong menu language set	<ol style="list-style-type: none"> 1. Press the INFO key while no menu is displayed. The index appears. 2. Select the first entry on the first page (1/3), if it is not selected automatically. 3. Confirm with OK. You are now in the language menu and can select your language.

What to do, if ...

Problem	Possible cause	Help
Digital Link Plus does not work	a) Euro-AV cable is not fully wired (Pin 10 not used) b) Some video recorders can only take over the stations from the TV set in first-time operation.	a) Change the Euro-AV cable b) Reinststate the as-delivered state of the video recorder (see operating manual of the VCR)
Various characters are displayed incorrectly in teletext	The wrong character set is set in the Teletext menu.	Set the correct character set: Teletext menu - Settings - Character set - Standard or the appropriate character set.

Technical data

Mechanical data

Xelos A 22	Item No. 64412.060
Dimensions (cm)	57,5 x 42,0 x 9,0 (W x H x D)
Weight (kg)	approx. 10,0
Display	TFT-LCD
Picture format	16:9
Picture diagonal	54,6 cm

Electrical data

Contrast ratio	500:1
Viewing angle horizontal/vertical	170°
Ambient temperature	5° – 40° Celsius
Chassis name	L 2200
Power supply	220-240V / 50-60 Hz
Power consumption (IEC 62087)	in operation approx. 68 Watt Standby < 1 Watt
Tuner	VHF/UHF/cable
Hyper band 8 MHz	41 MHz to 860 MHz
Station slot memory	99
TV standards	B/G, I, L, D/K, M, N
Colour standard	SECAM, PAL, NTSC, NTSC-V, PAL-V (60Hz)
Sound standard	mono/stereo/2-sound Nicam B/G, I, L Dolby Virtual
Rated audio power	2 x 4 Watt
Teletext	Level 1.5
FM-Tuner	87,5 – 108 MHz

Connections

Jack 3.5mm	Headphones 32–2000 Ohm
Mini-DIN (AVS) Video IN	Y/C (S-VHS / Hi 8)
Cinch (yellow) Video IN	CVBS (VHS/8 mm)
2 x Cinch (white/red) Audio IN	L / R
Cinch (yellow) Video OUT	CVBS
2 x Cinch (white/red) Audio OUT (level adjustable)	L / R
IEC socket 75 Ohm	Antenna / cable
IEC socket 75 Ohm	FM antenna / cable
EURO AV 1	Video IN Y/C (S-VHS / Hi 8) CVBS (VHS/8 mm), RGB
	Video OUT CVBS
	Audio IN L / R
	Audio OUT L / R
EURO AV 2	Video IN Y/C (S-VHS / Hi 8) CVBS (VHS/8 mm), RGB
	Video OUT CVBS
	Audio IN L / R
	Audio OUT L / R

Available accessories

Wall holder

Use the wall holder WM34, Loewe order no. 63492A01.

Stand

Use the Flat-TV F-Stand 2 , Loewe order no. 63495A00.

Loewe Video Recorders

Loewe video recorders are specially adapted to Loewe TV sets in design, user guidance and technical properties. They greatly simplify daily handling of the equipment.

Loewe DVD players and recorders

The DVD players and recorders from Loewe are characterized by form and colour which match Loewe TV sets, adapted user guidance and technology. A combination of the two devices forms a system which offers many advantages.

Loewe Audio systems and active speaker systems

In connection with a Loewe TV with a Loewe audio system and a Loewe speaker system you have an excellently tuned Home Cinema system. Advantages are high operating comfort, attractive design and adapted technology.

Service-addresses

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Fax 0216-523 16 58

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Subject to modifications!


The code number 3001 cancels out a
secret code and with it the child lock.
Please keep it in a safe place.