

233-33146.020



Operating Manual

Blu-ray Player

■ BluTech Vision



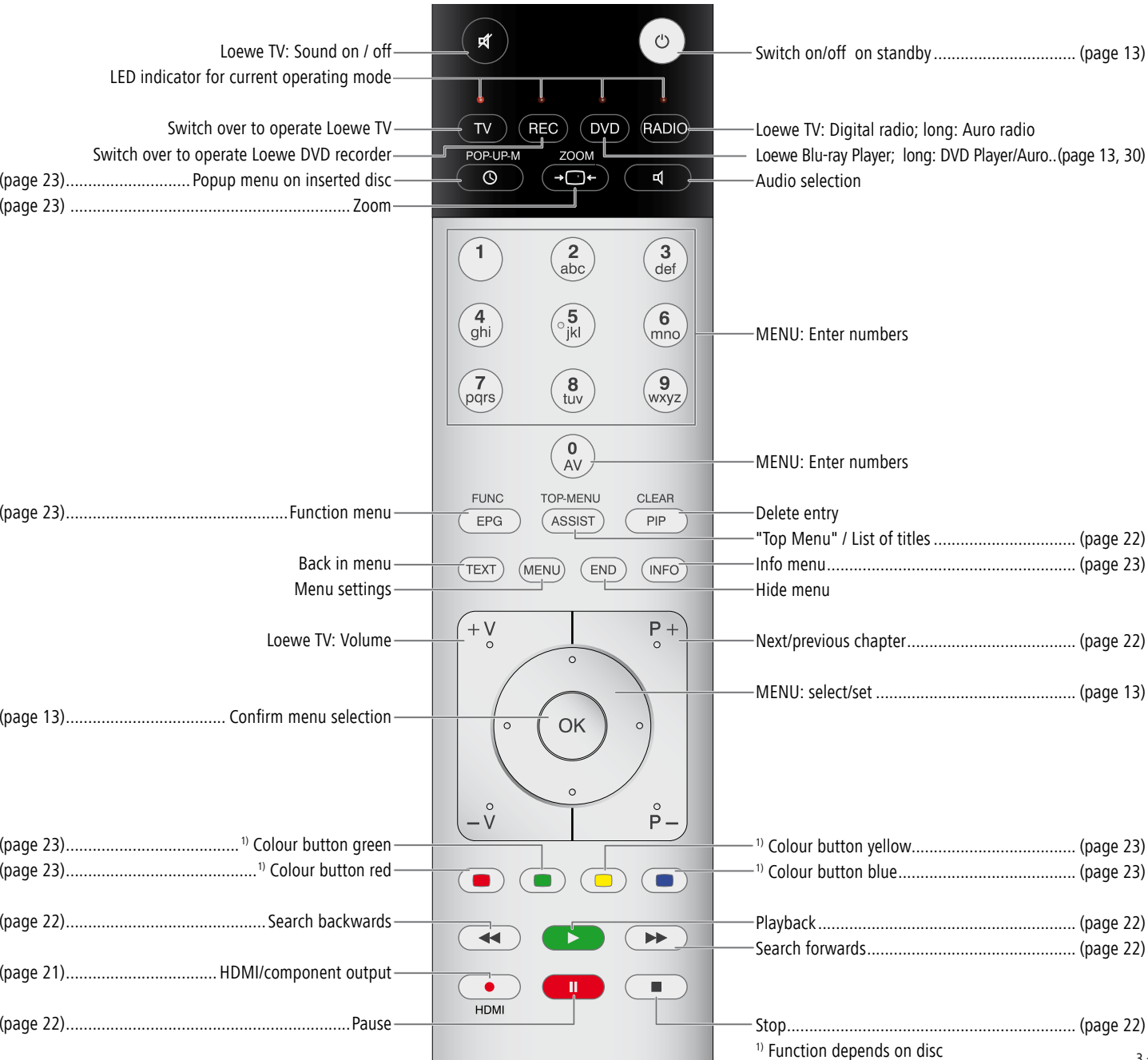
LOEWE.

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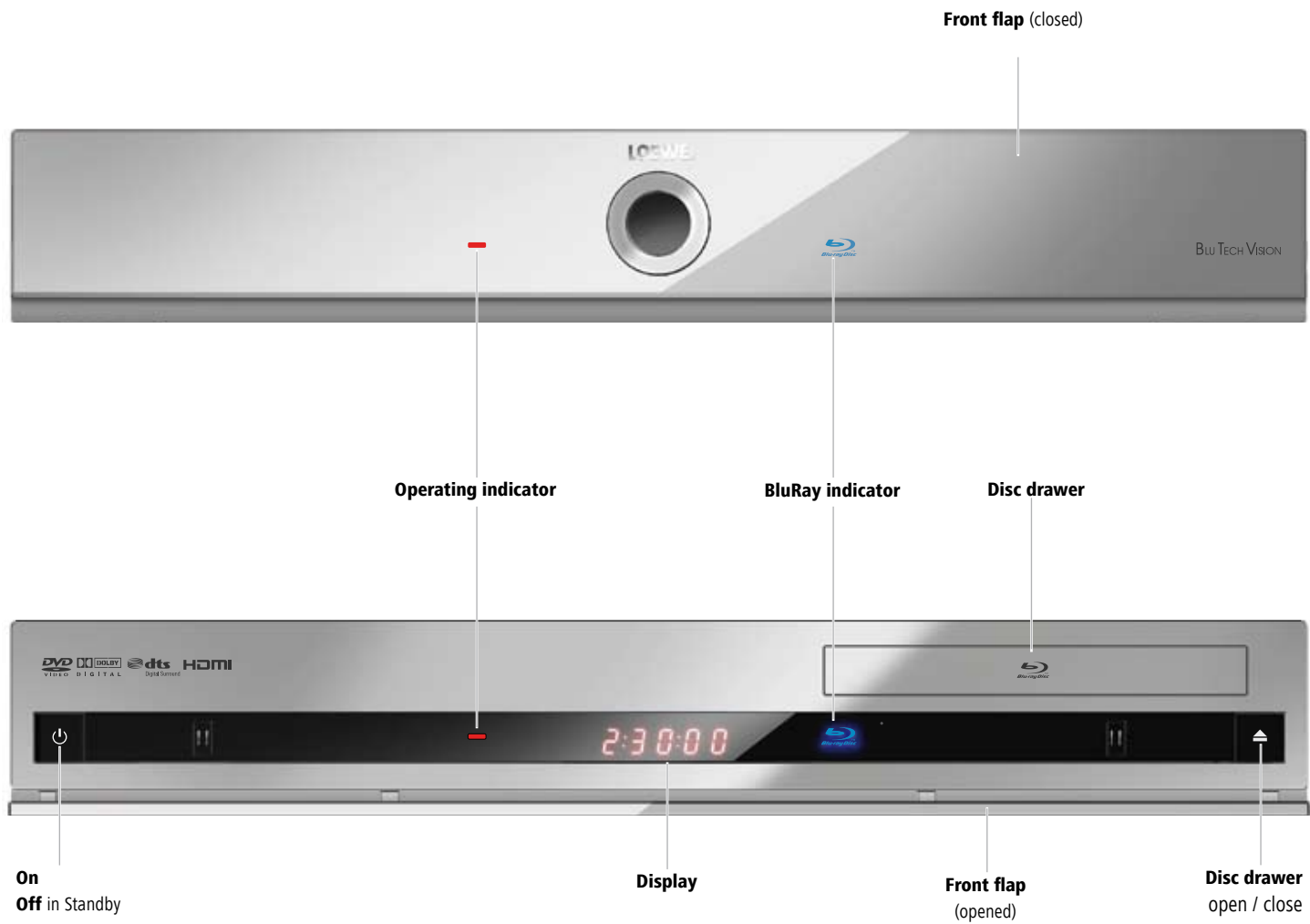
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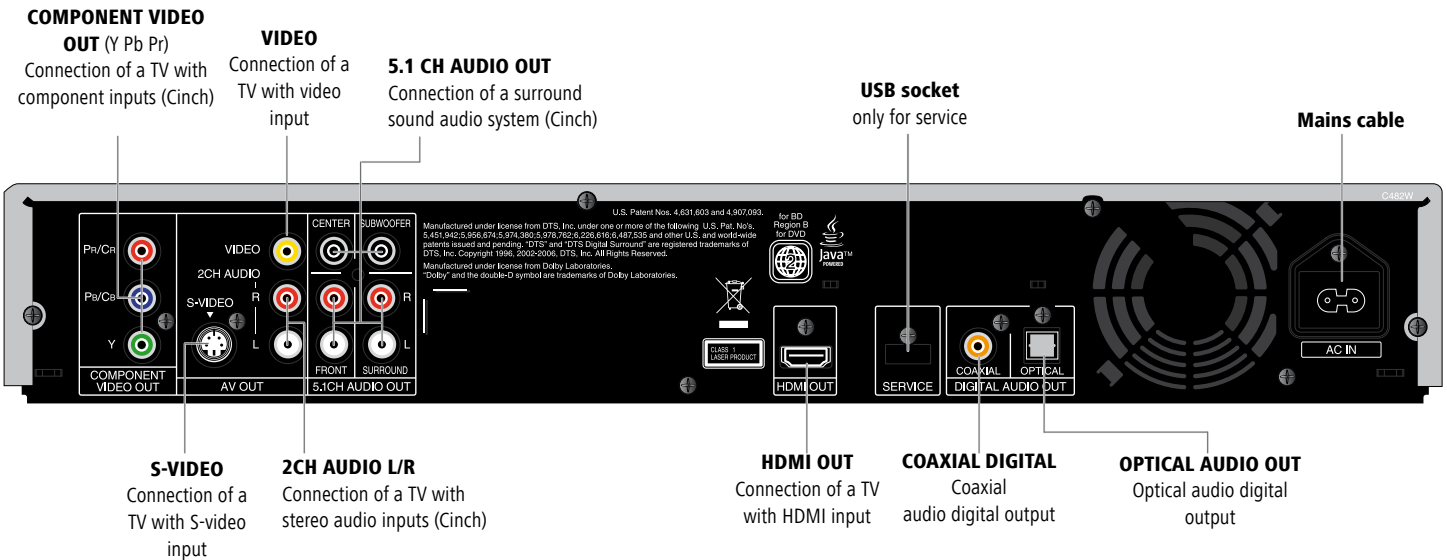
Remote Control Assist – Blu-ray Player Operation



Front View



Rear View & Display



Important: Do not touch the inside pins in the connecting sockets on the back of the unit!
Electrostatic discharge which may occur can cause lasting damage to the unit.



Numerical information
Total playback time, title / chapter / track number, status etc.

Welcome

Thank you

for choosing a Loewe product. We are happy to welcome you as our customer. At Loewe we combine the highest standards of technology, design and user friendliness. This is equally true of TV, DVD, video, audio 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. Our design is not influenced by short-term, fashionable trends. You have, after all, purchased a high-quality piece of equipment which you do not want to tire of tomorrow or the day after.

Scope of delivery

- BluRay Player Loewe BluTech Vision
- Remote Control Assist with 2 batteries
- HDMI cable
- AV Cinch cable
- Mains cable
- These operating instructions

You can control three units using the remote control: this Player, a Loewe TV set and a Loewe Recorder or Loewe Audio System.

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Setting Up

- Place the Player on a stable, level surface.
- Do not move the Player during operation or shortly after switching it off.
- Do not set up the Player near strong heat sources or in direct sunlight.
- When setting up in a cupboard or enclosed shelving: Leave at least 2.5 cm of free space around the Player to allow air to circulate freely and to prevent heat accumulation. Do not cover the fan and opening on the back.
- The picture and sound of a TV set, a player or a radio nearby could have their transmissions distorted. If this is the case, do not set the unit up in the immediate vicinity of a TV set, player or radio or switch the unit off after removing the disc.
- Set the Player up so that the infra-red signal of the remote control can directly reach the display of the Player (or, if this is not possible, refer to "Advantages of connecting up a Loewe TV set" page 7).
- Do not place any strong artificial light source in front of the unit. This could have a detrimental effect on the infrared reception.
- Incorrect voltages can damage the unit. The unit may only be connected to an electricity supply with the voltage and frequency stated on the rating plate and using the enclosed mains cable.
- During thunderstorms, disconnect the mains plug. A voltage surge caused by lightning conducted through the mains could damage the unit.
- During a lengthy absence, the plug should also be disconnected from the mains.
- The mains plug must be easy to reach to ensure that the unit can be disconnected from the mains at any time.
- Position the mains cable in such a way that it can not be damaged. The mains cable may not be bent or laid across sharp edges, walked on or exposed to any chemicals; the latter applies to the whole unit. A mains cable with damaged insulation can cause electric shocks and represents a fire hazard.
- When you want to unplug from the mains, do not pull on the cable, but on the housing of the plug. The cables in the mains plug could otherwise be damaged and could cause a short-circuit when being plugged in again.

Please also read and follow the safety advice on the following pages.

Welcome

Shipping the Unit

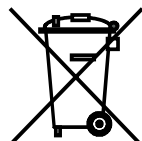
The original shipping box and packaging materials should be used in this case. To protect the unit as much as possible, pack it in the same way as it was packed when you originally received it.

Environmental Protection

Cardboard Box and Packaging

In line with national regulations regarding the disposal of packaging materials, we pay a fee to authorised recyclers who collect packaging from dealers. Nevertheless, we recommend that you keep the original cardboard box and the rest of the packaging materials so that the unit can, if necessary, be transported in the safest possible conditions.

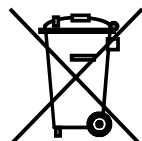
The unit



Important: The EU Directive 2002/96 /EC governs the proper return, handling and recycling of used electronic appliances. Old electronic appliances must therefore be disposed of separately. Never dispose of this unit in the 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 return (also for non-EU countries) are available from your local authorities.

Remote control batteries



The batteries provided contain no harmful materials such as cadmium, lead or mercury.

Regulations concerning used batteries mean that batteries may no longer be thrown out with the household rubbish. You can dispose of used batteries free of charge at the collection points in commercial outlets. Your dealer will also have a collection point for used batteries.

Advantages of connecting to a Loewe TV set

Using the **Digital Link HD** you can set the Player up for example in a closed rack or wall unit, without a direct line of sight to the Player. You can operate basic functions (Play, Pause, Stop, Search backwards/forwards, Top Menu) of the Player via the Loewe TV set using the remote control. You have to switch on **Digital Link HD** on the Player (page 19).

If you use the HDMI connection, the TV set is automatically switched to this input when the Player is switched on, providing your TV set supports this function.

For Your Safety

For your own safety, and to avoid unnecessary damage to your unit, please read and follow the safety advice below.

Use for the intended purpose and ambient conditions

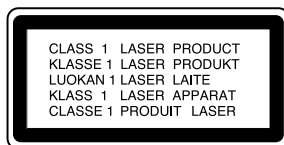
This Player is intended exclusively for the playback of video and audio signals and is designed for home and office use and may not be operated in rooms with high **humidity** (e.g. bathroom or sauna) or a high **concentration of dust** (e.g. workshops).

The terms of the warranty only cover normal use of the Player.

If the unit is used outdoors, make sure that it is protected from **moisture** (rain, drips, spray or dew). High concentrations of moisture and dust lead to creepage current in the unit which can make it dangerous by touching a voltage or can cause a 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**.

Always switch off your system (BluTech Vision, TV set and any other components which may be connected) before connecting or disconnecting other devices or speakers.



Do not open the housing to ensure that you do not expose yourself directly to the laser beam. Laser radiation is visible in the open unit.

DO NOT LOOK DIRECTLY INTO THE LASER BEAM!

Protect your Player from:

- Wet conditions and moisture.
- Knocks and mechanical stress.
- Magnetic and electric fields.
- Cold, heat, direct sunlight and high temperature fluctuations.
- Dust.
- Covers that inhibit ventilation.
- Interference with the internal workings of the unit.

IMPORTANT: TO AVOID RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER (AND THE BACK OF THE UNIT). THERE ARE NO PARTS INSIDE THE UNIT THAT CAN BE REPAIRED BY THE USER. REPAIRS SHOULD ONLY BE CARRIED OUT BY A LOEWE DEALER.

As far as possible, only use **original accessories**, such as Loewe mounting systems.

Supervision

Do not allow **children** to use the Player/TV set unsupervised. Do not allow children to play in the immediate vicinity of the Player/TV set. The unit could be knocked over, moved or pulled off the surface it is on and could hurt somebody.

Cleaning

Only clean your Player with a slightly damp, soft, clean cloth (without any aggressive or scouring cleaning agents).

If the Player does not read a disc correctly, it is possible that the reading device in the unit is dirty. Use a commercially available cleaning disc.

Keep the disc drawer closed so that no dust gets onto the lens from the drawer.

About this user guide

The information in this guide refers to the Loewe product BluTech Vision.

Unless stated otherwise, the instructions refer to the operating elements on the Assist remote control.

Paragraphs beginning with the ■ symbol indicate important hints, tips or conditions for perfect operation.

Terms which you will find in the menu or printed on the recorder are printed in **bold type**.

In the functional descriptions, the necessary operating elements are arranged to the left of the text containing the handling instructions.

The Basics

Playable Discs

Only use discs that conform with conventional standards.
This can be ascertained from the logos applied.

Disc Type		Recording Format	Contents	Disc Size
BD Video	Regional Code B / ALL	—	Audio + Video (Film)	12 cm (5")
BD-RE/BD-R *				
DVD Video	Regional Code 2 / ALL	Video Mode	Audio + Video (Film)	12 cm (5") 8 cm (3")
DVD±RW/DVD±R *		Video Mode	Audio + Video (Film)	12 cm (5")
Audio CD *		Audio CD (CD-DA)	Audio	12 cm (5") 8 cm (3")
CD-RW/CD-R *		Audio CD (CD-DA)	Audio	

* only finalised discs

- ➡ If you write a disc with a PC, it may not be possible to play back the disc, even though its format is compatible, possibly because of the settings in the application software used to burn it. (You can get further information on this from the software provider).
- ➡ Do not apply stickers or labels of any kind to either side of the disc (either the side with writing or the recorded side).
- ➡ Do not use any unusually shaped CDs (e.g. heart-shaped or octagonal). Otherwise malfunction can not be ruled out.
- ➡ Dirt and scratches on the disc can impair playback or make it impossible. Take care of the discs.
- ➡ Due to the high quality coatings on discs, they are relatively insensitive to small scratches and fingerprints. This is why no protective casing is required.

Regional Code

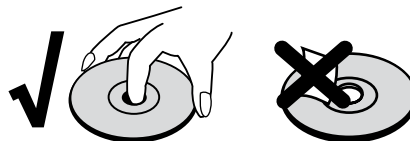
This Player can only play back coded Blu-ray discs for the region "B" or "All". DVDs can only be played back for the region "2" or "All".

The regional code on the labels of many DVDs shows which type of DVD player can play back these discs. If you try to play other discs, you will see the error message "Wrong country code. Playback not possible." on the TV screen.

On some DVD discs, the label with the regional code is missing, even though the disc can not be played back in all regions.

Handling Discs

Do not touch the recorded side of the disc. Hold the disc by the edges to avoid touching the surface with your fingers. Do not apply any paper or sticky tape to either side of the disc.

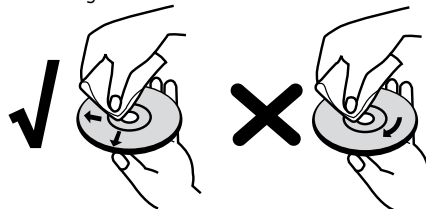


Storing Discs

Replace the disc back in its case after playing it. Do not expose the disc to any direct sunlight or heat sources and never leave it in a parked car that is directly in the sun, as the temperature in the car can rise dramatically.

Cleaning Discs

Before playing the disc, clean it with a clean cloth. Wipe the disc from the middle to the edge.



Do not use any strong solvents such as alcohol, petrol, thinner, commercially available cleaner or antistatic spray intended for vinyl records.

The Basics

Terminology from the World of Discs

Title

A title is the main content of the film or music album. It is simple to access using the assigned title number.

Chapter

A chapter are parts of a film or music track which are part quantities of a title. It is simple to access one using the assigned chapter number.

Messages

During operation you may see **FUNCTION NOT POSSIBLE** on the screen. This means that the required function is (possibly momentarily) not available.

Using the remote control for the first time



To insert or change the batteries, press on the arrow. While doing so, simply slide the battery compartment lid down and remove it. Insert alkali manganese batteries LR 03 (AAA) and ensure the correct position of + and -. Slide the cover on again from the bottom.

Resetting the unit

If one of the following problems occurs

- The unit is connected but can not be switched on or off.
- The display on the console is not working.
- The Player is not working normally,

you can reset the Player as follows:



Press the button on the unit for at least 8 seconds. The unit will switch itself off or unplug it from the mains; wait for at least 20 seconds and then connect the cable again.

Press the button again to switch the unit back on.

Connecting up – General

► Depending on the TV set and the other units that you want to connect, there are several options available for connecting the Player to your TV set. Only use the connections described in the following.

► If applicable, read the accompanying documentation for your TV set, your audio system and other units to make the connections described below.

► Do not connect the **AUDIO OUT** socket of the Player to the Phono In socket of the audio system.

Connecting to the TV set

► The Blu-ray Player must be registered in the connection assistant if you have a Loewe TV set.

HDMI connection

Using the enclosed HDMI cable, connect the socket **HDMI OUT** of the Player to the HDMI input socket on the TV set (for Loewe TVs, socket HDMI 2). Make the settings as described in page 15/16.

Component Video Connection

Using a Y Pb Pr cable (can be obtained from specialist retailers), connect the **COMPONENT VIDEO OUT** sockets on the Player to the corresponding input sockets on the TV set.

S Video Connection

Using an S video cable (can be obtained from specialist retailers), connect the **S-VIDEO AV OUT** socket of the Player with the S Video input socket of the TV set.

Video Connection

Using a cinch cable (can be obtained from specialist retailers), connect the **VIDEO AV OUT** socket of the Player with the S Video input socket of the TV set.

Analogue Stereo Audio Output

Using a stereo cinch audio cable (can be obtained from specialist retailers), connect the **2CH AUDIO AV OUT** sockets of the Player to the stereo AUDIO-IN sockets on the TV set.

Analogue 5.1 Audio Output

Using a 6 pin cinch audio cable (can be obtained from specialist retailers), connect the **5.1CH AUDIO AV OUT** sockets of the Player to the 5.1 surround AUDIO-IN sockets on the TV set.

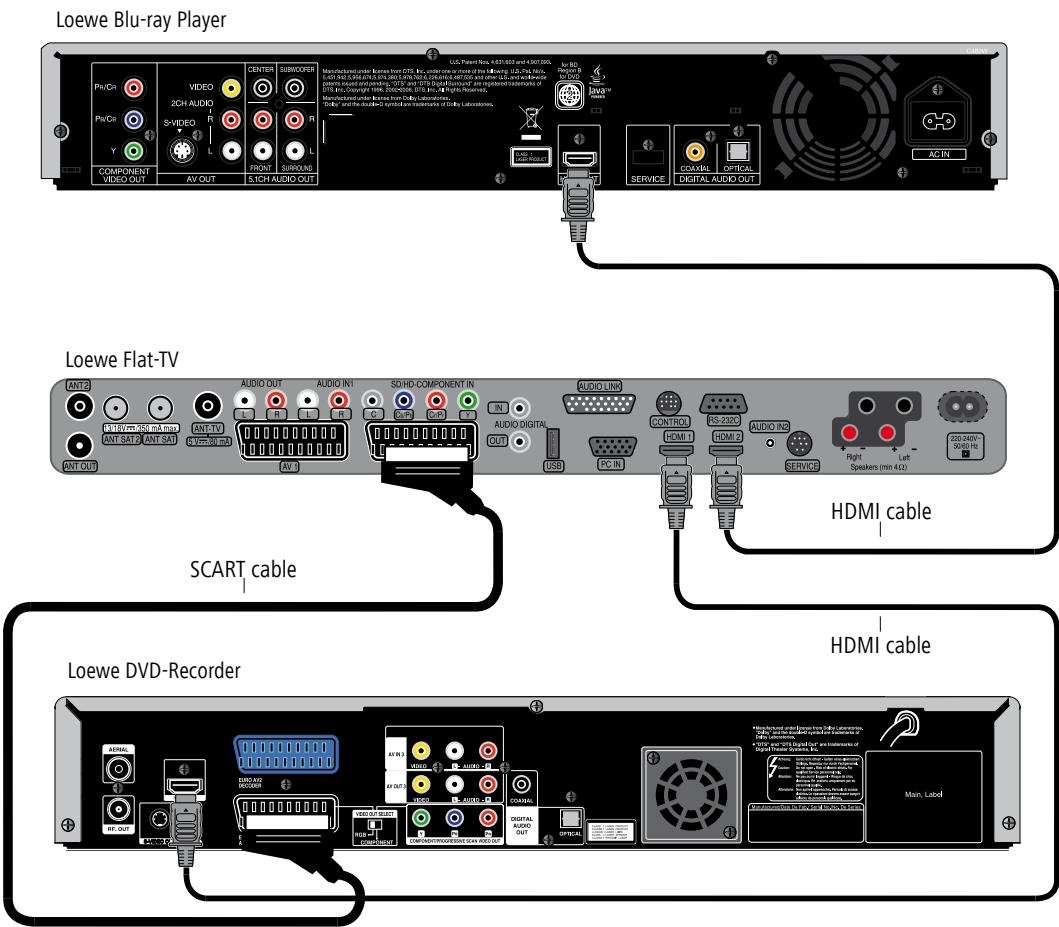
Digital Audio Output

Connect the **COAXIAL** or **OPTICAL DIGITAL AUDIO OUT** socket of the Player to the DIGITAL IN socket of the surround amplifier.

Initial Set-up

Connecting to a Loewe TV System

Make the connections as shown here:



Initial Set-up

Connecting to the Mains Supply

First of all, plug the small plug of the mains cable plug into the power supply socket on the back of the Player and then plug the large mains plug into a mains socket 220-240V~ 50 Hz.

Switching on/off

DVD

Set the remote control for Player operation by briefly pressing the button **DVD**.



Press the on/off button on the unit or



The on/off button on the remote control.

The operating indicator flashes red first of all and then lights up green (page 4).

Press the on/off button on the remote control again to switch the unit off.

Concealed Set-up

With Digital Link HD (CEC), Loewe TV sets pass the signals from the remote control via the HDMI connection from the TV set to the Player. Digital Link HD makes sense if you want to set up the Player concealed, e.g. in a closed rack.

➡ The TV set needs to be switched on.

➡ The function **Digital Link HD** has to be activated in the Player (page 19).

0
AV

On the TV set, select the AV programme slot for HDMI.

As long as HDMI is selected as the programme slot, most TV remote control commands (ASSIST in TV mode) will be passed on to the connected HDMI unit. Volume, sound on/off, sound adjustment and picture format however, still affect operation of the TV set. The DVD commands (ASSIST in DVD mode) are not passed on by the TV.

TV

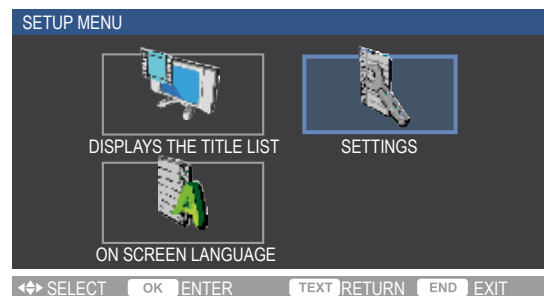
With the **TV button** (press briefly), in TV operation you switch back to the last station watched and terminate the Player control.

By pressing the **TV button** for a long time, you can switch between HDMI and TV operation. Pressing the **TV button** briefly switches back to TV mode.

➡ The configuration menu can not be opened with concealed set-up; it can only be opened through direct operation with the remote control ASSIST in DVD mode.

Configuration Menu

The menu system offers several possibilities to change the settings. Most menus have several levels on which options can be set. If you press **MENU**, then first of all the configuration menu is shown.



Navigation in the Menu

In these operating instructions, the arrow buttons on the Remote Control Assist are shown as follows:



In the text, the arrows correspond to: "▲ ▼ ◀ ▶".

The OK button on the remote control is shown as **OK** in the text.

MENU

Call up the menu.

▲ ▼ ◀ ▶ Select required option.

Confirm **OK**.

Go back one level in the menu.

TEXT

Close menu.

END

➡ Marked options are shown in the menu with a blue button. Options that are currently set are shown with a white button.

Initial Set-up

Menu Language

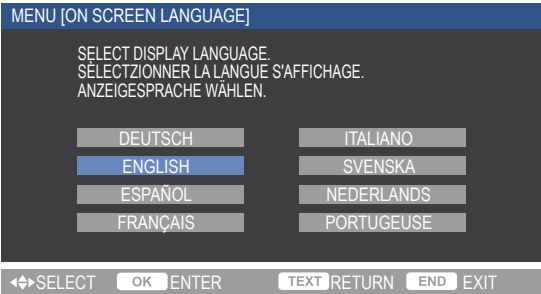
Select a language for menus and dialogues which are shown by the Player.



Call up the menu.

▲ ▼ ◀ ▶ Select option **MENU [ON SCREEN LANGUAGE]**.

Confirm **OK**.



▲ ▼ ◀ ▶ Select option **ENGLISH**.

Confirm **OK**.

Menu Settings

Set the Player up to meet your individual requirements and configuration.

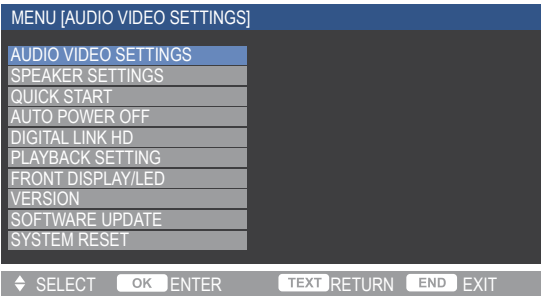


Call the menu.



▲ ▼ ◀ ▶ In the **configuration menu** select the option **SETTINGS**.

Confirm **OK**.



Audio / Video Settings

TV Aspect Ratio

WIDE Select this setting if a wide screen TV set with the picture format 16:9 is connected.

NORMAL Select this setting if a TV set with the picture format 4:3 is connected. With Letter Box Mode the display of wide screen formats has black bars at the top and bottom edges of the picture. Using Pan-Scan, the picture is stretched so that no black bar is visible, but the left and right edges are cut off.

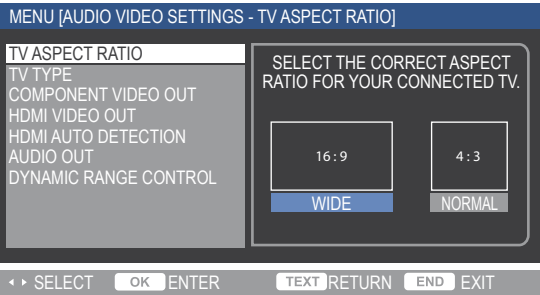


▲ ▼ In the menu **SETTINGS** select the option **AUDIO VIDEO SETTINGS**.

Confirm **OK**.

▲ ▼ Select option **TV ASPECT RATIO**.

Confirm **OK**.



◀ ▶ Select option **WIDE** or **NORMAL** (Letter Box or Pan-Scan).

Confirm **OK**.

TV Type

You can choose between:

AUTO Select this setting if you have a multi-standard TV set connected.

PAL Select this setting if the TV set you have connected can only play back the PAL colour standard.



▲ ▼ In the menu **SETTINGS** select the option **AUDIO VIDEO SETTINGS**.

Confirm **OK**.

▲ ▼ Select option **TV TYPE**.

Confirm **OK**.



◀ ▶ Select option **AUTO** or **PAL**.

Confirm **OK**.

Initial Set-up

Component Video Out

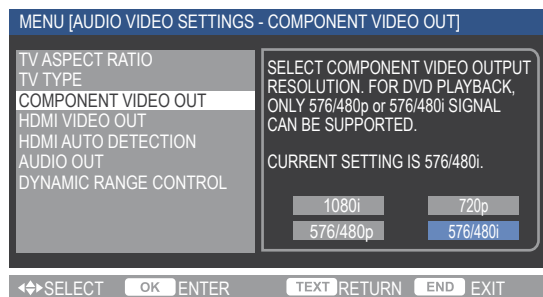
Set the resolution for the analogue video signal at the interface **COMPONENT VIDEO OUT**.

▲ ▼ In the menu **SETTINGS**, select the option **AUDIO VIDEO SETTINGS**.

Confirm **OK**.

▲ ▼ Select the option **COMPONENT VIDEO OUT**.

Confirm **OK**.



◀ ▶ ▲ ▼ Select option **1080i**, **720p**, **576/480p** or **576/480i** depending on the display options the connected TV set has.

Confirm **OK**.

◀ ▶ Select option **YES**.

Confirm **OK**.

▲ ▼ Select option **CONFIRM**.

Confirm **OK**.

HDMI Video Out

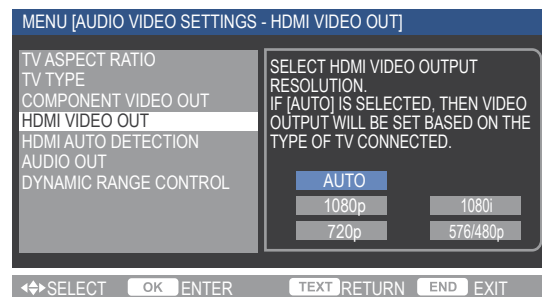
Set the resolution for the digital video signal at the interface **HDMI OUT**.

▲ ▼ In the menu **SETTINGS**, select the option **AUDIO VIDEO SETTINGS**.

Confirm **OK**.

▲ ▼ Select the option **HDMI VIDEO OUT**.

Confirm **OK**.



◀ ▶ ▲ ▼ Select option **1080p**, **1080i**, **720p** or **576/480p** depending on the display options the connected TV set has, or select option **AUTO** for automatic adjustment to the TV set.

Confirm **OK**.

◀ ▶ Select option **YES**.

Confirm **OK**.

▲ ▼ Select option **CONFIRM**.

Confirm **OK**.

➡ The HDMI Out can not be used at the same time as the Component Video Out.

➡ If this Player is connected to a TV set that is suitable for 1080p24 display (page 33), the Player switches to this mode for playback if the option **Auto** has been selected at **HDMI Out**.

Initial Set-up

HDMI Auto Detection



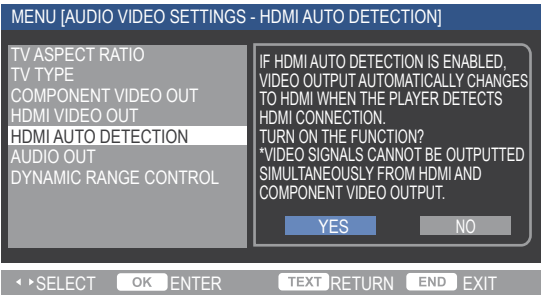
With this setting the Player automatically switches to the HDMI Out if an HDMI Output signal is detected.

▲ ▼ In the menu **SETTINGS** select the option **AUDIO VIDEO SETTINGS**.

Confirm **OK**

▲ ▼ Select option **HDMI AUTO DETECTION**.

Confirm **OK**.



◀ ▶ Select option **YES**.

Confirm **OK**.

Audio Out



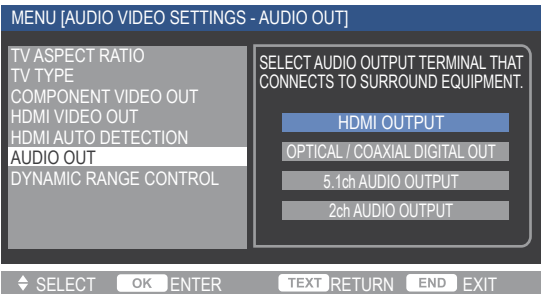
Set the audio out to the connected audio equipment.

▲ ▼ In the menu **SETTINGS** select the option **AUDIO VIDEO SETTINGS**.

Confirm **OK**.

▲ ▼ Select option **AUDIO OUT**.

Confirm **OK**.



▲ ▼ Select option according to the audio playback options on the connected TV set or amplifier.

HDMI Out Audio out via the interface **HDMI OUT**.

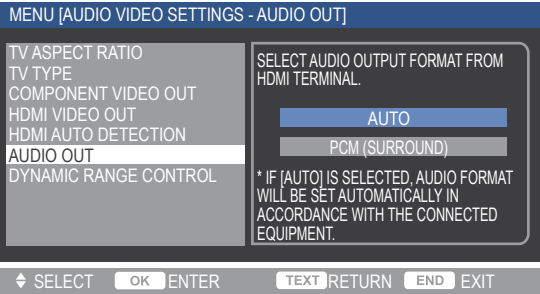
OPTICAL/COAXIAL DIGITAL OUT Audio output via the interface **OPTICAL DIGITAL OUT** or **COAXIAL DIGITAL OUT**.

5.1ch AUDIO OUTPUT Audio output via the interface **5.1ch AUDIO OUT**.

2ch AUDIO OUTPUT Audio output via the interface **2ch AUDIO L/R**.

Confirm **OK**.

Another menu then appears. Here you select the respective suitable audio formats for the selected interface.



AUTO Select this option if you have connected a unit with an integrated multichannel decoder, e.g. Dolby Digital at the interface **HDMI OUT**.

PCM (SURROUND) Output of linear PCM Audio Signal with surround sound at **HDMI OUT**.

PCM (STEREO) Output of 2 channel sound.

BITSTREAM Output of surround sound to a unit with an integrated multichannel decoder.

Confirm **OK**.

An overview of the selected audio output format settings appears.

Confirm **OK**.

► The audio format settings depend on each other and can influence each other.

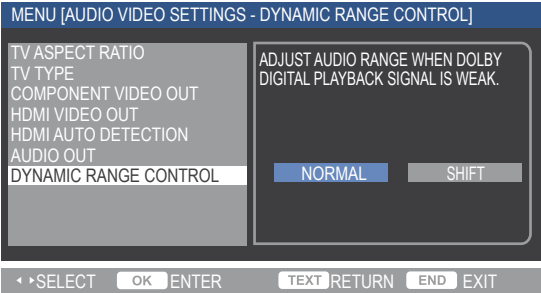
Initial Set-up

Dynamic Range Control

With this setting you can limit the dynamics (this means the difference between the loudest and the quietest sounds). You can therefore also play back a film with lower volume differences.



- Turn the volume down before changing this setting.
- In the menu **SETTINGS** select the option **AUDIO VIDEO SETTINGS**.
Confirm **OK**.
- Select option **DYNAMIC RANGE CONTROL**.
Confirm **OK**.



- Select option.
 - NORMAL** Unchanged sound output.
 - SHIFT** With the output of Dolby Digital audio signals, the volume of quiet sounds is raised and the volume of loud sounds is reduced.
- Confirm **OK**.

Speaker settings

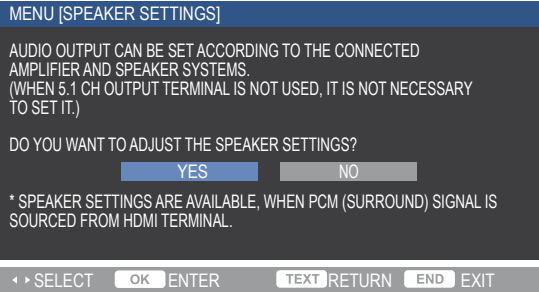
You can connect a surround sound amplifier to the Player. In the speaker settings, you can set the necessary parameters to do so.

- Please also read the notes in the operating instructions for your surround system.
- Remove the disc from the Player before you start adjusting the speaker settings.

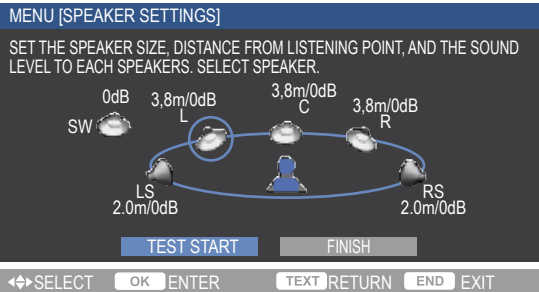
Speaker Set-up



- In the menu **SETTINGS** select the option **SPEAKER SETTINGS**.
Confirm **OK**.

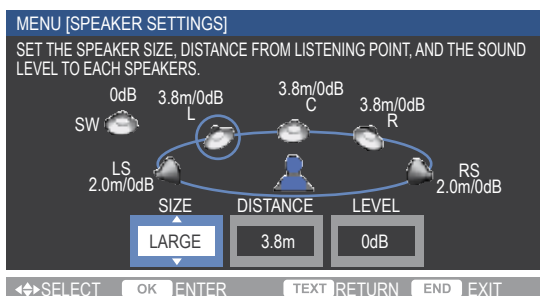


- Select option **YES**.
Confirm **OK**.
- You will see a menu with the loudspeakers represented as symbols (**L**: left speaker, **R**: right speaker, **C**: centre speaker, **SW**: subwoofer, **LS**: left surround speaker, **RS**: right surround speaker) and their listening position.



- Select speaker.
Confirm **OK**.

Initial Set-up



- ◀ ▶ Select option.
- ◀ ▶ Select the corresponding parameter respectively.

SIZE Select the option **LARGE** if the largest speaker in the box has a diameter of 16 cm or more. Otherwise select **SMALL**. If you do not have speakers connected, select **NO**.

DISTANCE Set the distance from the selected speaker to your listening position.

LEVEL Set the output level to between -6 dB and +6 dB.

Confirm **OK**.

Testing Speaker Settings



- ◀ ▶ ▶ Select the button **TEST START**.

Confirm **OK**.

You will hear test sounds from the speakers one after the other. If the volume of the sounds differs too much, correct the setting **LEVEL**.

▼ To do so, select the button **TEST TONE STOP** and confirm with **OK**.

Select the required speaker and set the parameters as described above.

▼ Once you have finished with the speaker settings, select the button **END** and confirm with **OK**.

➡ The distance of the speakers **L** and **R** are shifted equally.

➡ The speakers **L** and **R** are automatically set to **LARGE** if **NO** subwoofer is selected.

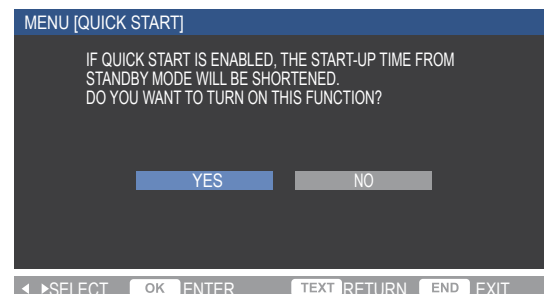
Quick start

If quick start is enabled, the start-up time from standby mode will be shortened. However the voltage consumption in standby increases slightly (page 28).



- ▲ ▼ In the menu **SETTINGS** select the option **QUICK START**.

Confirm **OK**.



- ◀ ▶ Select option **YES**.

Confirm **OK**.

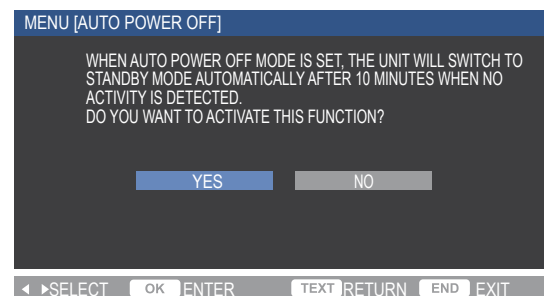
Auto Power Off

The Player will automatically switch to standby mode after 10 minutes when no activity is detected.



- ▲ ▼ In the menu **SETTINGS** select the option **AUTO POWER OFF**.

Confirm **OK**.



- ◀ ▶ Select option **YES**.

Confirm **OK**.

Initial Set-up

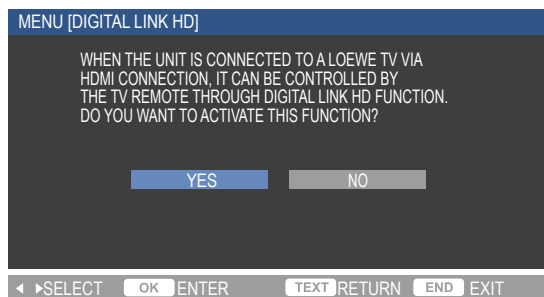
Digital Link HD

With Digital Link HD (CEC), Loewe TV sets pass the signals from the remote control to the Player via the HDMI connection. Digital Link HD is worthwhile if you want to set the Player up concealed, e.g. in a closed rack (page 13).



▲ ▼ In the menu **SETTINGS**, select the option **DIGITAL LINK HD**.

Confirm **OK**.



◀ ▶ Select option **YES**.

Confirm **OK**.

Playback settings

Setting PIN code

To provide protection from unauthorised changes, a four-digit PIN code can be set up.

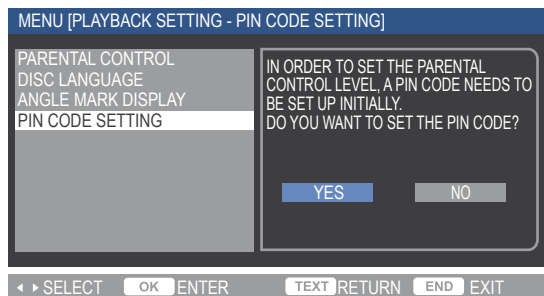


▲ ▼ In the menu **SETTINGS** select the option **PLAYBACK SETTINGS**.

Confirm **OK**.

▲ ▼ Select the option **PIN CODE SETTING**.

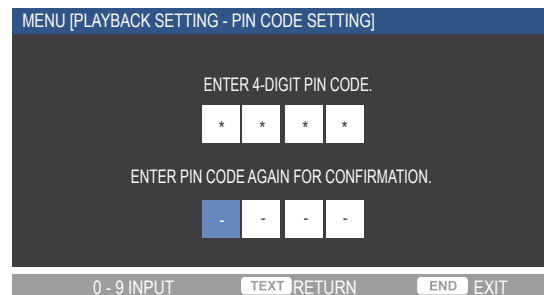
Confirm **OK**.



If you have not entered a PIN code yet:

◀ ▶ Select option **YES**.

Confirm **OK**.



Use the **number buttons** to enter a four-digit number.

Then enter the PIN code again for control purposes.

Confirm **OK**.

▮ If the entry is wrong, press **CLEAR/PIP** to delete the entry.

Changing PIN code



▲ ▼ In the menu **SETTINGS** select the option **PLAYBACK SETTINGS**.

Confirm **OK**.

▲ ▼ Select the option **PIN CODE SETTING**.

Confirm **OK**.

Use **number buttons** to enter the valid four-digit PIN code.



◀ ▶ Select option **YES**.

Confirm **OK**.

Deleting PIN code



▲ ▼ In the menu **SETTINGS** select the option **PLAYBACK SETTINGS**.

Confirm **OK**.

▲ ▼ Select the option **PIN CODE SETTING**.

Confirm **OK**.

Use **number buttons** to enter the valid four-digit PIN code.



◀ ▶ Select option **NO**.

Confirm **OK**.

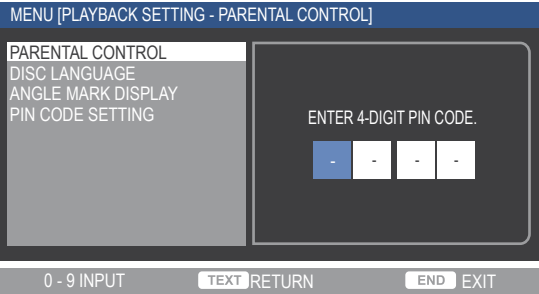
Initial Set-up

Parental control

This function prevents discs that have an adult rating from being played, providing the discs have a corresponding code.

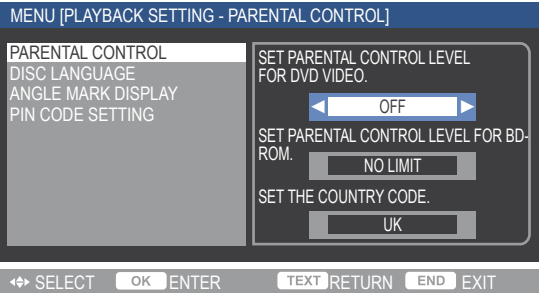


- ➡ A four-digit PIN code is set up (page 19).
- ▲ ▼ In the menu **SETTINGS** select the option **PLAYBACK SETTING**.
- Confirm **OK**.
- ▲ ▼ Select the option **PARENTAL CONTROL**.
- Confirm **OK**.



Use **number buttons** to enter the valid four-digit PIN code.

The menu **PARENTAL CONTROL** appears. The option **PARENTAL CONTROL LEVEL FOR DVD VIDEO** is selected.



- ◀ ▶ Set option.
 - OFF** The disc is played completely.
 - LEVEL 1 ... 8** Only the scenes of the inserted disc are played which have been marked with the selected parental control level or lower. Level "1" has the most playback restrictions.
- Confirm **OK**.

The option **PARENTAL CONTROL LEVEL FOR BLU-RAY DISC:** is selected.

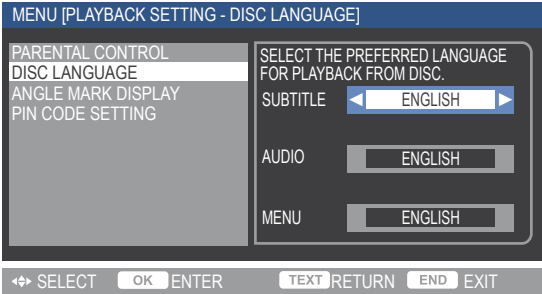
- ◀ ▶ Set option.
 - OFF** The disc is played completely.
 - 0 ... 99** Only the scenes of the inserted disc are played which have been marked with the selected parental control level or lower. Level "0" has the most playback restrictions.
- Confirm **OK**.
- The option **COUNTRY CODE** is selected.
- ◀ ▶ Set required country.
- Confirm **OK**.

Disc Language

You can set the preferred language for subtitles, audio and disc menus.



- ▲ ▼ In the menu **SETTINGS** select the option **PLAYBACK SETTING**.
- Confirm **OK**.
- ▲ ▼ Select the option **DISC LANGUAGE**.
- Confirm **OK**.



- ▲ ▼ Select option.
 - ◀ ▶ Set parameters.
 - SUBTITLE** Pre-set the language of the subtitles contained on the disc.
 - AUDIO** Pre-set the language for the soundtrack.
 - MENU** Pre-set the language for the disc menu.
- These languages will automatically be used when playing a disc.
- Confirm **OK**.

Initial Set-up

Angle Mark Display

A symbol for the availability of different camera angles (the angle mark) can be displayed.

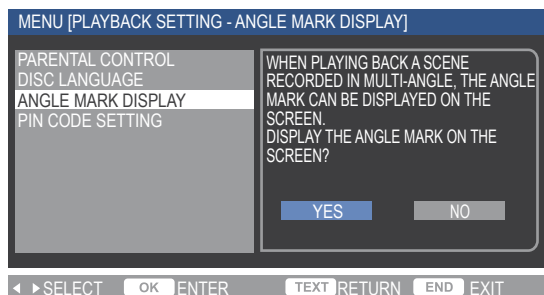


▲ ▼ In the menu **SETTINGS** select the option **PLAYBACK SETTING**.

Confirm **OK**.

▲ ▼ Select the option **ANGLE MARK DISPLAY**.

Confirm **OK**.



◀ ▶ Select the option **YES**.

Confirm **OK**.

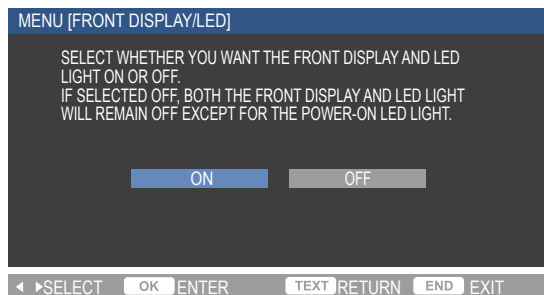
Front Display/LED

The front and Blu-ray displays can be switched off independently of the standby display (page 4).



▲ ▼ In the menu **SETTINGS** select the option **FRONT DISPLAY/LED**.

Confirm **OK**.



◀ ▶ Select option **OFF**.

Confirm **OK**.

Version

The current software version can be displayed in the menu Settings.

Software update

When available, a software update can be uploaded via the USB interface on the back with a USB stick. Please contact your specialist retailer for a software update.

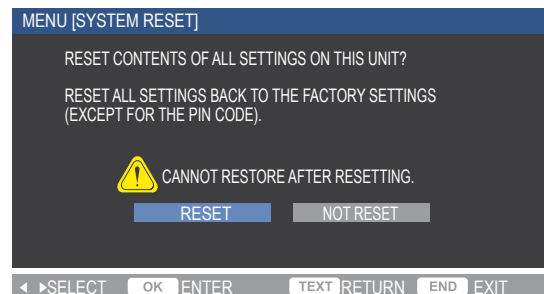
Factory Settings

You can reset the unit to the factory settings.



▲ ▼ In the menu **SETTINGS**, select the option **SYSTEM RESET**.

Confirm **OK**.



◀ ▶ Select the option **RESET**.

Confirm **OK**.

Switching video output

If you use the outputs **HDMI OUT** and **COMPONENT VIDEO OUT** as an alternative to each other, you can switch between the two outputs.



Press the button **HDMI** (>1 and < 5 seconds).

The front display will flash and shows the output that is currently set.

HD - out Output **HDMI OUT** is set.

CP - out Output **COMPONENT VIDEO OUT** is set.



Press the button **HDMI** and hold for at least 5 seconds so that the output is switched.

Video Operation

Playing a BluRay disc or DVD

Preparation

Switch the TV set on and set the video source that the Player has been connected to as the input.



Open disc drawer.

Insert the disc in the drawer with the side that is to be played facing down.

Close drawer. The message **READING THE DISC** appears on the screen while the disc detection runs.

As soon as disc detection is completed, a message is displayed showing the detected type of media.

Playback

Depending on the medium, playback starts automatically or a title menu is displayed. Follow the instructions in the menu or the documentation with the disc.

A menu may appear on the screen.



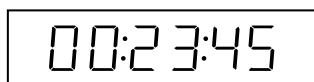
◀ ▶ ▲ ▼ Select title

OK Start playback.



Play Start / continue playback.

The display on the Player shows the playtime that has expired.



Pause Stop playback. To continue playback, press again.



Stop End playback.

➡ Playback after **STOP** can be continued from the same place using **PLAY**, providing the disc has not been changed or the unit switched off.

➡ If the parental control level for the disc is higher than that set for the parental control, then the four-digit pin code has to be entered (refer to **Parental control** on page 21).

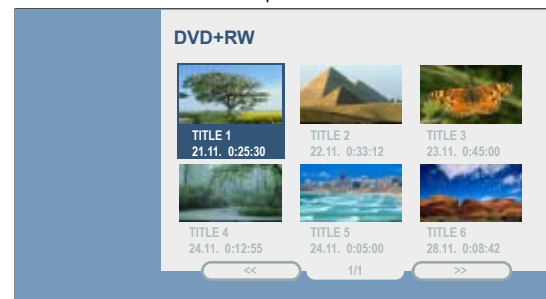
➡ BD/DVD discs have a regional / country code. The Player will not play any discs which have a different code from the regional/ country code saved in the unit. This Player has the code B (BD) / 2 (DVD).

General Functions

Selecting a Title

ASSIST

TOP MENU/ASSIST Select top menu / title menu.



▲ ▼ ◀ ▶ Select menu item.

OK Start playback. Follow the instructions in the menu or the documentation with the disc.



Stop Close menu.

You can also select the title menu via **MENU – DISPLAY THE TITLE LIST**. You can also select a specific title using the **Function Menu** (page 23).

➡ With some BD/DVD discs, the top menu is also referred to as the title menu. Depending on the disc, it is possible that there is no such menu and that this button has no function.

Selecting a Chapter

If a title is subdivided into several chapters, you can select a chapter directly:

P+ during playback: go to the next chapter or use **P-** to return to the start of the current chapter.

Briefly press **P-** twice: return to the previous chapter. You can also select a specific chapter using the **Function Menu** (page 23).



Search

Select the search direction and speed from three speed categories:



Press several times for quick search backwards or forwards.

Speed and direction are shown as symbols on the screen.



Close search mode and continue playback.

Video Operation

Disc Menu

Some discs contain menus to set the language for the film soundtrack, for example, or for subtitles, or to select certain scenes. Accompanying film material may also be available. These menus are individually designed, depending on the disc.



POP-UP-M Select Popup /Disc menu. Example:



➡ Depending on the disc, it is possible that there is no such menu. If so, this button has no function.



▲ ▼ ◀ ▶ Select menu item.

Confirm **OK**.



It may be possible to select menu functions with the colour buttons.



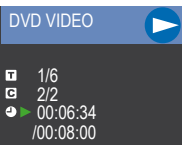
Stop Close menu.

Info Menu

During playback different status information can be displayed on the screen.



Select Info menu.



Heading Type of medium inserted / playback status

T Title currently being played

C Chapter currently being played

⌚ Time of title already elapsed / total run time title

Zoom

With the Zoom function you can increase the size of the video image in three steps and then navigate within the zoomed in picture during playback.



Press **ZOOM** several times to set the zoom step and to switch the zoom function off again.



▲ ▼ ◀ ▶ Moving the zoomed section.

Function Menu

During playback you can change different settings for the inserted disc and also display status information as in the "Info Menu".



FUNC (EPG) Select function menu.



Close menu.

Heading Type of medium inserted / playback status

T Title currently being played

C Chapter currently being played

⌚ Time of title already elapsed and new start time for playback from ...

... Selection of subtitle language

🎬 Selection of angle mark, if available

🔊 Selection of sound format (language, multichannel sound etc.)

↺ Selection of function Repeat.

Selecting Title / Chapter



FUNC (EPG) Select function menu.



▲ ▼ Select symbol **T** (Title) or **C** (Chapter).

Confirm **OK**.

▲ ▼ Select title / chapter or

Enter title / chapter number.

Confirm **OK**.



Video Operation

Time (playback from ...)

The function "Time" allows you to select any time for playback of a title.



FUNC (EPG) Select function menu.



▲ ▼ Select symbol ⌚ (Time).

The time of the title that has already elapsed is shown.

Confirm **OK**.



Enter time in the format hh:mm:ss.

OK Start playback from a time you have entered.

Subtitles



FUNC (EPG) Select function menu.



▲ ▼ Select symbol [] (Subtitles).

Confirm **OK**.

▲ ▼ Set subtitle language or set to **OFF**.

Confirm **OK**.

Angle mark

If the disc contains scenes that have been recorded from different camera angles, it is possible to change to a different angle during playback.

➡ An angle mark symbol is shown on the screen during scenes which have been recorded from different camera angles. If required, this symbol can be switched off ("Angle Mark Display" on page 21).



FUNC (EPG) Select function menu.



▲ ▼ Select symbol [] (Angle Mark).

Confirm **OK**.

▲ ▼ Select camera angle.

Confirm **OK**.

Digital Sound Formats, Film Language and Audio Channels

You can select the digital sound format and the film language.



FUNC (EPG) Select function menu.



▲ ▼ Select symbol [] (Sound format).

Confirm **OK**.

▲ ▼ Select film language or sound format.

Confirm **OK**.

Repeat



FUNC (EPG) Select function menu.



▲ ▼ Select symbol [] (Repeat).

Confirm **OK**.

▲ ▼ Select **ON/OFF**.



◀ ▶ Select repeat playback type.

PLAYBACK TITLE The selected title is repeated continuously.

PLAYBACK CHAP The selected chapter is repeated continuously.

SCENE SELECTION The selected scene is repeated continuously.

Confirm **OK**.

To repeat a selected scene, use the option **SCENE SELECTION**.

SET START POINT Set the starting point of the repeat sequence.

SELECT END POINT Set the end point of the repeat sequence.

OK Select the required start point.

OK Select the required end point.

The selected scene is repeated continuously.

To switch off the function "Repeat", under the Symbol [] (Repeat) in the function menu, select the option **OFF** and confirm with **OK**.

Audio Operation

Audio Playback

The Player can be used to play Audio CDs. Audio recordings (only CD-DA format) can also be played back from CD-ROM, CD-R or CD-RW discs. If you have connected the Player to an audio system, switch the audio system on and select the input that the Player is connected to as the source.



Open disc drawer.

Insert the selected disc in the drawer with the side that is to be played facing down.

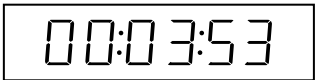
Close drawer. The message **READING THE DISC** appears on the screen while the disc detection runs.

As soon as disc detection is completed, a message is displayed showing the detected type of media. The display on the Player will show 00:00:00.



Play Start / continue playback.

The display on the Player shows the playtime that has expired.



Pause: Stop playback. To continue playback, press again.



Stop: End playback.

Play another title



P+ or **P-** during playback: select the next title or return to the start of the current title.

Briefly press **P-** twice: return to previous title.

Search

Select the search direction and speed from two speed categories:



Press several times for quick search backwards or forwards.

Speed and direction are shown as symbols on the screen.



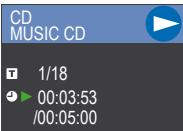
Close search mode and continue playback.

Info Menu

During playback different status information can be displayed on the screen.



Select Info menu.



- Heading** Type of medium inserted / playback status
- T** Title currently being played
 - ⌚** Time of title already elapsed / total run time title

Function menu

During playback you can change different settings for the inserted disc and also display status information as in the "Info Menu".



FUNC (EPG) to select the function menu.



Close menu.

- Heading** Type of medium inserted / playback status
- T** Title currently being played
 - ⌚** Time of title already elapsed and new start time for playback from ...
 - 🔊** Selection of sound format (language, multichannel sound etc.)
 - ↺** Selection of function Repeat.

Audio Operation

Selecting a title



FUNC (EPG) Select function menu.



▲ ▼ Select symbol **T** (Title).

Confirm **OK**.

▲ ▼ Select title or



Enter title number.

Confirm **OK**.

Time (playback from ...)

The function "Time" allows you to select any time for playback of a title.



FUNC (EPG) Select function menu.



▲ ▼ Select symbol **⌚** (Time).

The time of the title that has already elapsed is shown.

Confirm **OK**.



Enter time in the format hh:mm:ss.

OK Start playback from a time you have entered.

Digital Sound Formats and Audio Channels

You can select the digital sound format.



FUNC (EPG) Select function menu.



▲ ▼ Select symbol **🔊** (Sound format).

Confirm **OK**.

▲ ▼ Select sound format.

Confirm **OK**.

Repeat



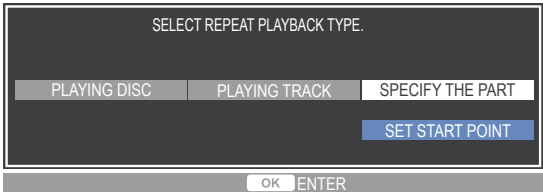
FUNC (EPG) Select function menu.



▲ ▼ Select symbol **↺** (Repeat).

Confirm **OK**.

▲ ▼ Select **ON/OFF**.



◀ ▶ Select repeat playback type.

PLAYING DISC The whole disc is continuously repeated.

PLAYING TRACK The selected title is repeated continuously.

SPECIFY THE PART The selected part is repeated continuously.

Confirm **OK**.

To repeat a selected part, use the option **SPECIFY THE PART**.

SET START POINT The starting point of the repeat sequence.

SET END POINT The end point of the repeat sequence.

OK Select the required start point.

OK Select the required end point.

The selected part is repeated continuously.

To switch off the function "Repeat", in the function menu under the Symbol **↺** (Repeat), select the option **OFF** and confirm with **OK**.

Troubleshooting

Problem	Possible Cause	Remedy
Not working at all	Mains cable not plugged in.	Firmly plug the mains cable into the Player and into a socket.
No picture.	TV not switched to receiving signals from the Player.	Select the suitable video input mode on the television so that the picture from the Player is shown on the television screen.
	HDMI cable not properly connected.	Connect HDMI cable properly.
	The connected television is switched off.	Switch the TV on.
No sound.	The audio equipment has not been switched to Player playback.	Adjust the audio receiver so that you can hear the sound playback from your Player.
	The cables are not properly connected.	Connect the audio cable properly.
	The connected audio equipment is switched off.	Switch the connected audio equipment on.
	The audio cable is faulty.	Replace the audio cable.
Poor picture quality.	Dirt on disc.	Clean the disc.
Playback does not work.	No disc has been inserted.	Insert a disc (Check whether the disc display in the display window is lit up.).
	A disc that can not be played has been inserted.	Insert a playable disc (Check the disc type, the colour system and the regional code).
	The disc has not been inserted with the playable side facing down.	Insert the disc with the playable side facing down.
	The disc has not been inserted in the groove.	Place the disc correctly in the groove in the disc drawer.
	Dirt on disc.	Clean the disc.
	Safety level of parental control set.	Cancel the safety level or change the parental control.
The remote control is not working properly.	The batteries in the remote control are dead.	Replace the batteries with new ones.
The settings have been deleted.	Due to a power failure the unit was disconnected from the mains for more than one hour.	Always switch the unit off using the ON / OFF switch.
The Player will not respond to the remote control.	The Player has been set up concealed behind something. The function Digital Link HD has been switched off.	Activate the function Digital Link HD (page 19).
The Player will not react.		Press STOP or END . Switch the unit off and then on again. Carry out a reset to the factory settings (page 22). Hold the ON / OFF button pressed until RESET appears.
Forgotten PIN code for parental protection.		Hold the ON / OFF button pressed until RESET appears.

Technical Specifications

General

BluTech Vision	Item.No. 67501D/T00
Power supply	AC 220-240V, 50 Hz
Power consumption during	Operation: 28 W
	Standby: < 1 W
Dimensions (approx.)	430 x 67 x 340 mm (W x H x D)
Weight (approx.)	4.7 kg
Operating temperature	5 °C ... 35 °C
Humidity	5 % ... 80 % (no condensation)
Picture formats	PAL, 625 lines, 50 fields
	NTSC, 525 lines, 60 fields
	720p, 50/60Hz
	1080i, 50/60Hz
	1080p, 50/60Hz
	1080p24

Playback

Frequency range	DVD (PCM 48 kHz): 8 Hz to 22 kHz, CD: 8 Hz to 20 kHz
	DVD (PCM 96 kHz): 8 Hz to 44 kHz
Noise voltage clearance	> 100 dB (DVD/BD)
Dynamic range (1 kHz)	> 100 dB (DVD/BD)
Channel separation (1 kHz)	> 80 dB (DVD/BD)
Harmonic distortions	< 0.006 % (DVD/BD)

Interfaces

HDMI OUT	Type A, 19 Pin, LVDS digital, V1.3
VIDEO	Composite 1.0 V (p-p), 75 ohms, RCA socket x 1
S VIDEO OUT	(Y) 1.0 V (p-p), 75 ohms, negative Sync., (C) 0.3 V (p-p) 75 ohms, Mini DIN 4-pin x 1
COMPONENT VIDEO OUT	(Y) 1.0 V (p-p), 75 ohms, negative Sync., RCA socket x 1 (Pb)/(Pr) 0.7 V (p-p), 75 ohms, RCA socket x 3
Audio output (Digital-Audio)	0.5 V (p-p), 75 ohms, RCA socket x 1
Audio output (Optical-Audio)	Optical connection x 1 (TOS link)
2CH AUDIO (Analogue Audio)	2.0 Vrms (1 kHz, 0 dB), 1 kOhm, RCA socket (L, R) x 2
5.1 CH AUDIO OUT	2.0 Vrms (1 kHz, 0 dB), 600 ohms, RCA socket (L, R, SL, SR, C, SUBWOOFER) x 6
USB	V1.1 (Service)

Masthead

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Operation of Additional Units

Setting the remote control

Various Loewe units can be set to be used with the remote control Assist as follows:

Unit	Button Combination
Loewe ViewVision 8106 H	REC + 0 AV
Loewe Centros 11x2	REC + 1
Loewe Viewvision, Centros 21x2	REC + 2 abc *
Loewe Viewvision DR+ DVB-T	REC + 3 def

* Factory settings

Keep the given button combination pressed until the corresponding LED flashes twice (approx. 5 seconds).

Operating Loewe Equipment

Using the remote control for a BD/DVD Player



Press **DVD** button; the display above it lights up for approx. 5 seconds

Use the remote control for the Auro Preceiver



Press **DVD** button for a long time; the display above it lights up for approx. 5 seconds

Using the remote control for a recorder



Press **REC** button; the display above it lights up for approx. 5 seconds

Using the remote control for a TV set



Press **TV** button; the display above it lights up for approx. 5 seconds

Using the remote control for radio mode in the TV set



Press the **RADIO** button; the display above it lights up for approx. 5 seconds

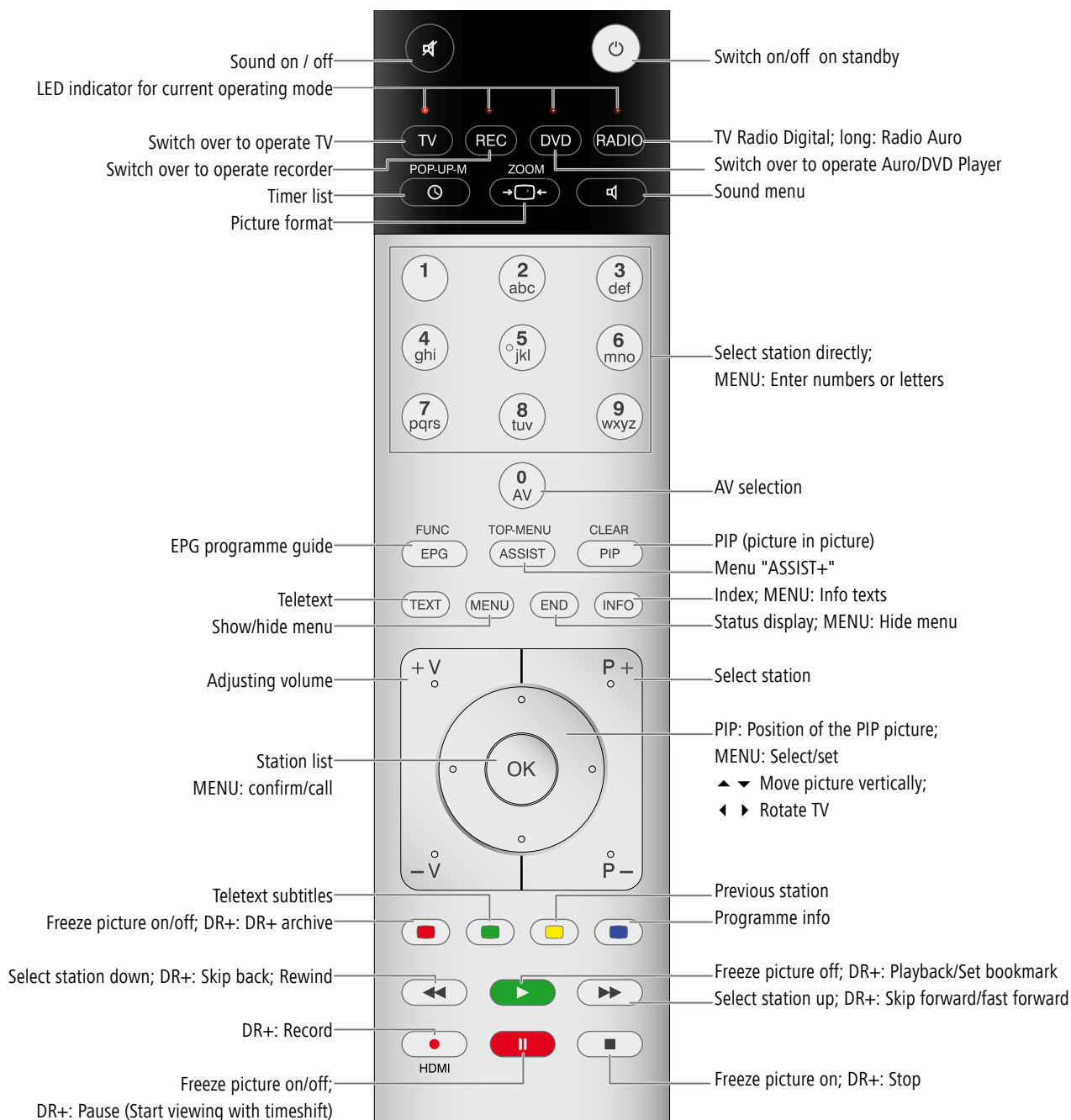
Using the remote control for radio mode in the Auro Preceiver



Press the **RADIO** button for a long time; the display above it lights up for approx. 5 seconds

Every time a button is pressed, the display of the selected operation mode lights up (TV – REC – DVD – RADIO).

Remote Control Assist – TV Operation



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Glossary

24p cinema film showing

Film producers today record their films at 24 images per second (24p); conventional televisions (and also most DVDs) show 50 pictures per second (50 Hz). To play the film, the original number of pictures is doubled and the film is accelerated. This is optimal for sports transmissions, however if you are watching a more sedate film, it can distort the image quality. The new Loewe TV sets automatically playback 24p films in the original 24p format.

A

AV socket: Audio and Video signal.

AV sources: Audio/video source.

B

BluRay Disc (BD): Disc format for recording/playing back high definition video material (HD) for HDTV sets and for storing large amounts of data. A single layer BD disc has a storage capacity of 25 GB; a dual layer BD disc has a storage capacity of 50 GB.

C

Cinch cable: Cable for transmitting sound or picture.

Component signal: The component video signal is made up of the "Y" brightness signal as well as the colour difference signals red and blue "U" and "V". This is why it is sometimes called a YUV signal. If the signal is transmitted using progressive scanning, then the signals are called YCrCb. With transmission using interlaced scanning, the signals are called YPrPb.

D

Digital Link HD: System for controlling units via the HDMI connection of the Loewe TV set when they have been set up in a covered position.

DTS: Digital surround sound.

Dolby Digital: Digital surround sound.

Dolby Pro Logic: Analogue surround sound.

Dolby Surround: An analogue surround sound system which uses a matrix coding to fit four sound channels into two sound tracks.

Dolby Virtual: Dolby Pro Logic sound signals are played back through the two speakers as a virtual surround signal.

Dolby Digital Plus: Digital Sound System as an extension to Dolby Digital. This audio coding process supports 5.1 surround sound.

Dolby TrueHD: Loss-free audio coding process which supports up to 8 channels.

DVD: Abbreviation of Digital Video Disc and later Digital Versatile Disc.

H

HDMI: High Definition Multimedia Interface, is a newly developed interface for full digital transmission of audio and video data.

L

LCD: Liquid Crystal Display.

LPCM: Linear Pulse Code Modulation for digital sound.

M

Mono: Single-channel sound.

N

NTSC: American colour standard.

P

PAL: European colour standard.

S

SECAM: French colour standard.

Stereo: Dual channel sound.

Y

Ycc/Ypp: Colour standards for Set Top Boxes.

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