
Audiodesign

Loewe klang 5



Operating instructions

LOEWE.

Table of contents	3
Welcome!.....	4
Delivery specification.....	4
For your safety.....	5
Cleaning	5
Connectors and operating controls	6
Configuration examples	7
Connection option without Loewe klang link (3.0 / 5.0 system)	7
Connection option with Loewe klang link (3.0 / 5.0 system)	7
Wiring the Loewe klang 5	8
Connecting Loewe klang 5 via Digital Audio Link	9
Settings directly on the Loewe klang 5	10
Settings via control buttons	10
Pairing with Loewe klang link	11
Configuration of the Loewe klang 5.....	12
Specifications.....	14
Disposal.....	14
Conformity / Manufacturer's declaration	14
Legal details.....	14

Thank you

for choosing a Loewe product! We are happy to have you as a customer.

Loewe stands for the highest standards of technology, design and ease of operation. This applies equally to TV, DVD/Blu-ray, 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.

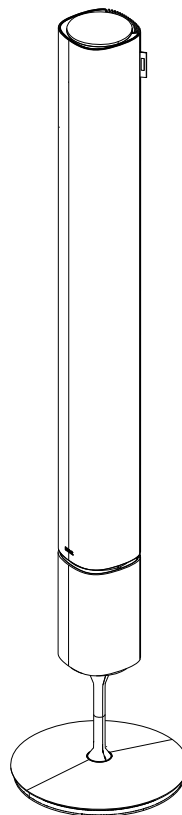
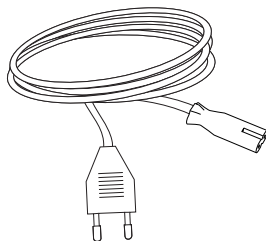
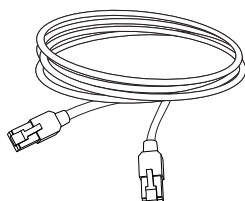
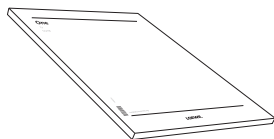
The Loewe klang 5 is designed for Loewe TV sets and Loewe speaker systems.

Loewe TV sets with an integrated digital multi-channel audio decoder transfer the audio signals to the Loewe klang 5 via the DIGITAL AUDIO LINK connection. The configuration and settings for the Loewe klang 5 can be made easily using the current Loewe TV sets.

Via an analogue LINE IN connector, you can also use the Loewe klang 5 speakers for other audio sources.

Scope of delivery

- 2 x Loewe klang 5
- 2 x Mains cable
- 2 x Network cable
- 1 x Mounting aid (PE foam profile)
- Operating instructions



For your safety

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

- The unit is intended exclusively for the playback of audio signals.
- Pull the power plug before connecting or disconnecting other devices or speakers.
- Do not operate the unit unattended. In case of longer absence, pull out the power plug.
- The power plug of the TV set must be easily accessible so that the TV can be disconnected from the power supply at all times.
- When unplugging the unit from the mains, pull at the connector body and not at the cable. The cables in the mains plug could otherwise be damaged and could cause a short-circuit when plugged in again.
- Pull out the power cable during thunderstorms. A voltage surge caused by lightning conducted through the mains could damage the unit.
- Place the unit on a firm, level surface.
- Do not set up the unit near strong heat sources or in direct sunlight.
- Do not place objects containing liquids on top of the unit.
- Candles and other open flames must be kept away from the unit at all times to prevent the spread of fire.
- When installing in a cabinet or closed shelf: leave about 10 cm free space around the unit to allow the air to circulate freely, thereby avoiding a build-up of heat and an influence on the sound reproduction.
- Under no circumstances, the air supply of the Loewe klang 5 may be obstructed. Make sure it is far enough away (> 10 cm) from the floor or wall.
- Lay the speaker and power cables in such a way that they cannot 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 system as a whole. A power cable with damaged insulation can lead to electric shocks and is a fire risk and must therefore be changed before operation of the set continues.
- The speakers generate magnetic dispersion fields which act in the vicinity of the housing. We recommend a minimum distance of > 0.5 m from magnetically sensitive equipment, such as magnetic data media etc.
- If you have moved the unit out of the cold into a warm environment, leave it switched off for about an hour to avoid condensation forming. Do not switch the unit on until it has reached room temperature. This prevents serious damage to the components.
- **WARNING:** To prevent electrical shock, do not open 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.



Protect the unit from ...

- Water, dampness, dripping or sprayed water or steam
- Impacts and mechanical stresses
- magnetic and electric fields
- higher electrical powers than specified
- cold, heat, direct sunlight and high temperature fluctuations.
- Dust
- Covering which obstructs air circulation
- Interference with the internal workings of the unit

This device has been built exclusively for private use in domestic environments. Warranty services cover this intended use. See the rating plate on the bottom of the set for the precise product designation.

Cleaning

Clean the surface of the Loewe klang 5 made of aluminium with a damp, soft and clean cloth only (without any abrasive cleaning agent).

The housing of the Loewe klang 5 is fabric covered. Vacuum the surface regularly with a soft brush attachment.

In case of dirt or stains:

Moisten a soft, colour-neutral cloth with detergent or normal stain remover and gently rub away the stain. You can also treat the stain directly with normal dry stain remover spray (vacuum up powder).

Do not moisten the fabric cover directly with detergent or stain remover (risk of encrustation). Do not use any solvents to clean the fabric.

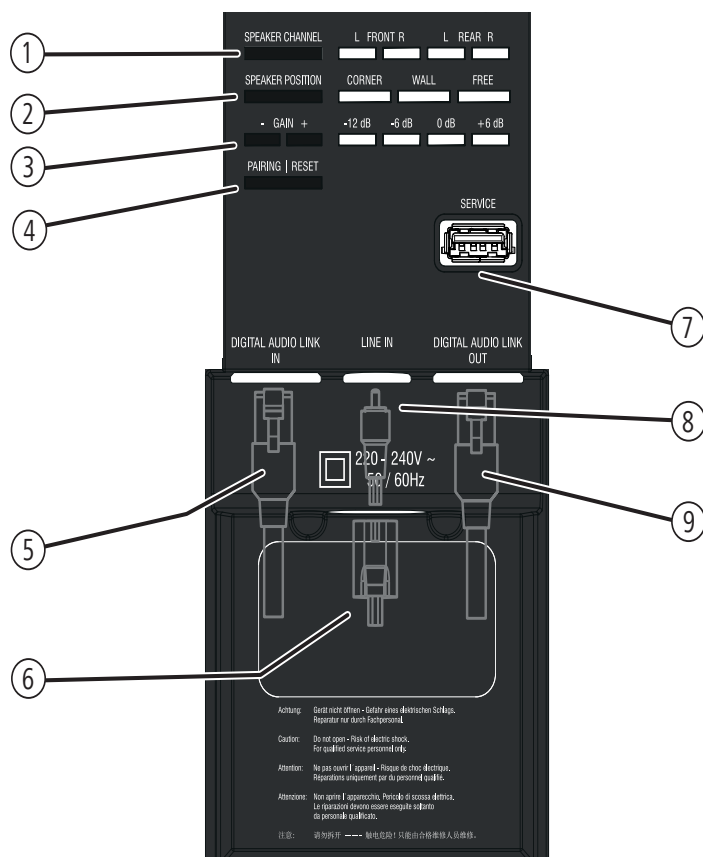
i Follow the manufacturer's instructions when using stain removers.

i There is an increased risk of encrustation when cleaning the cloth grills with nicotine deposits.

Connectors and operating controls

Position of the connections and operating elements

The connections and operating elements are hidden under a cover on the rear side of your loudspeaker. This cover is located at the bottom of the loudspeaker. You can recognize the beginning of the cover by an interruption in the lamellar material on the rear side of the speakers. The cover is easily removable with two hands.



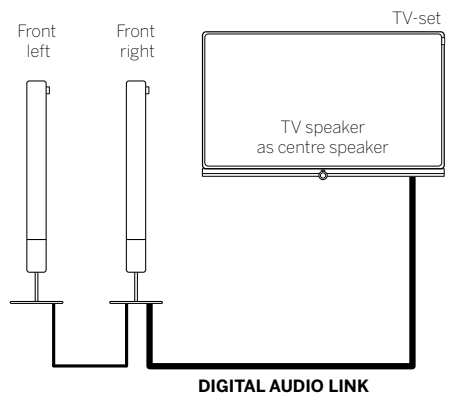
- 1 **SPEAKER CHANNEL** - Setting / Display of the channel
- 2 **SPEAKER POSITION** - Setting / Display of the position
- 3 **GAIN - / +** - Setting / Display of the sound intensity
- 4 **PAIRING** - Connection to the Loewe klang link
- 5 **DIGITAL AUDIO LINK IN** - Audio input (digital)

- 6 **220-240 V ~ 50 / 60 Hz** - Mains connection
- 7 **SERVICE** - Service interface for internal purposes
- 8 **LINE IN** - Audio input (analogue)
- 9 **DIGITAL AUDIO LINK OUT** - Audio output (digital)

Configuration examples

Connection option without Loewe klang link (3.0 / 5.0 system)

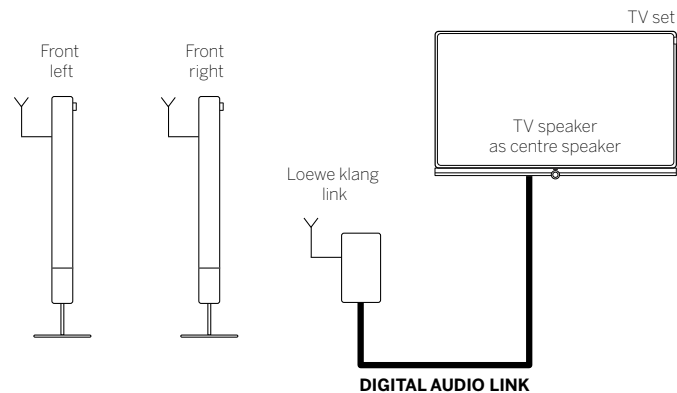
When configuring a 2.0 / 3.0 / 5.0 system, the Loewe klang 5 will be connected to the audio source via DIGITAL AUDIO LINK.



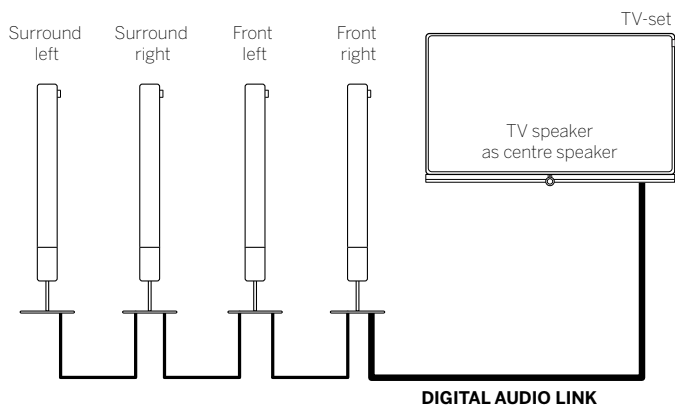
An example of a 3.0 system

Connection option with Loewe klang link (3.0 / 5.0 system)

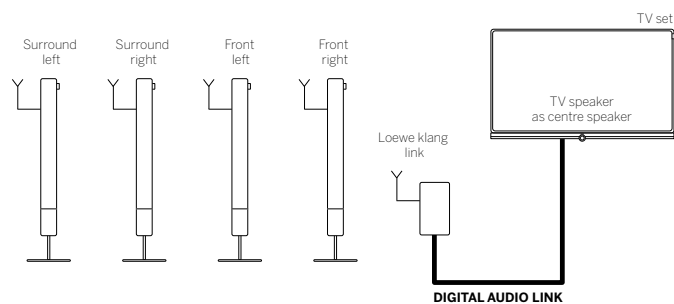
When expanding your speaker system with the Loewe klang link box, you can also operate the system using a wireless connection. When using a wireless connection of your speaker system, it is not possible to connect additional speakers via cable. A mixed operation (wired / wireless) is not possible..



An example of a 3.0 system



An example of a 5.0 system



An example of a 5.0 system

How to connect the Loewe klang 5 via DIGITAL AUDIO LINK is described on page 9.

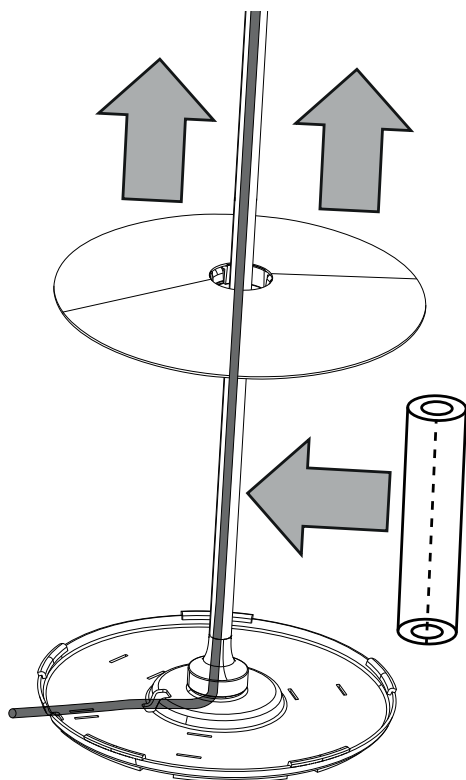
How to connect the Loewe klang 5 via the Loewe klang link you find in the installation instructions of the Loewe klang link

Wiring the Loewe klang 5

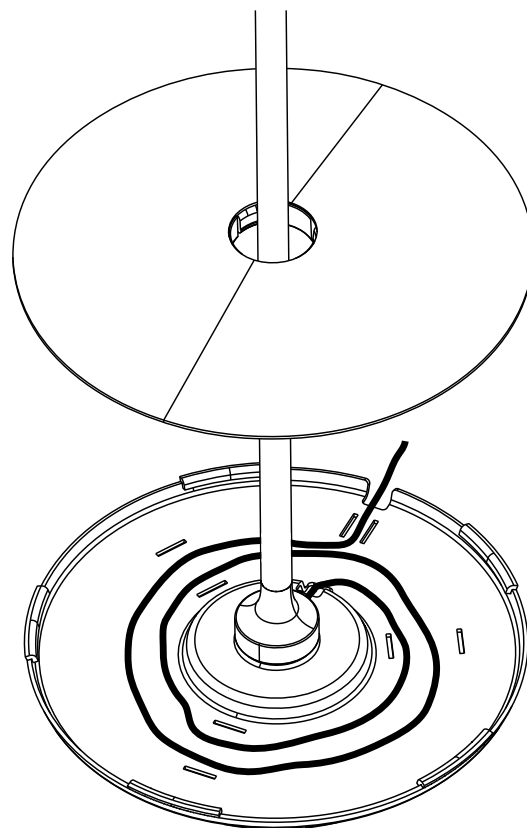
You can guide the connection cable through the opening in the bottom of the speaker, directly into the stand, to be able to install the connection cables practically invisibly.

Proceed as follows in order to avoid scratches and damage to your speaker. Proceed with due care and caution.

1. Remove the cable cover by slightly lifting it.
2. Put the included foam spacer over the stand pipe.



3. Lay the connection cable in the foot of the Loewe klang 5.



4. Remove the foam spacer and fix the cable cover of the base plate by lightly pressing on it.
5. Remove the blue protecting film on the foot of the Loewe klang 5.

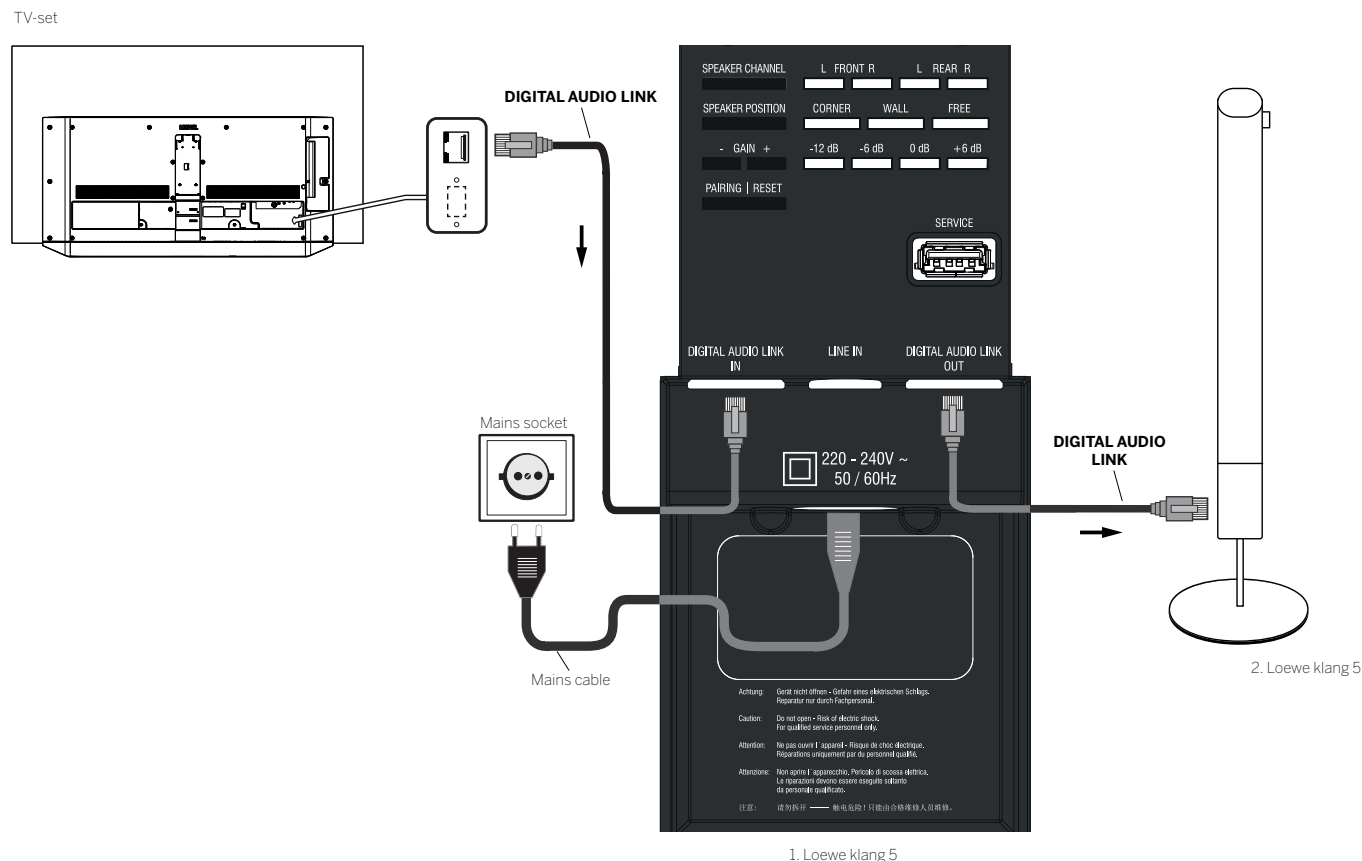
Connecting Loewe klang 5 via Digital Audio Link

Via the **DIGITAL AUDIO LINK IN** interface, you can digitally connect the Loewe klang 5 digital to your TV set.

Switch off the TV set before connecting the Loewe klang 5.

Using the included network cable, connect the **DIGITAL AUDIO LINK** interface of the Loewe TV set to the **DIGITAL AUDIO LINK IN** interface of the Loewe klang 5. In order to connect your second Loewe klang 5, connect the **DIGITAL AUDIO LINK OUT** interface of the first Loewe klang 5 to the **DIGITAL AUDIO LINK IN** interface of the second Loewe klang 5.

Use the mains cable supplied to connect the **220-240 VAC 50/60 Hz** socket of the Loewe klang 5 to a 220-240V 50/60 Hz socket.



¹ Availability and position of the DIGITAL AUDIO LINK interface depends on the type of TV set.

Settings directly on the Loewe klang 5

Before commencing the start-up and settings, please make sure that all cables are connected correctly.

LED indicator

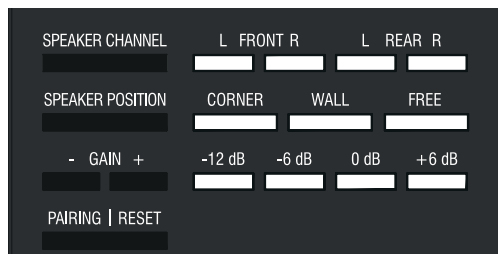
The status appears for 10 sec. and then the LEDs will turn off. If one of the control buttons is pressed, the indicator switches on again.

Settings via control buttons

Using several control buttons you can make various settings on the Loewe klang 5. The corresponding LEDs indicate the status. The LED display switches off after 10 sec.; when pressing one of the control buttons, the LEDs turn on again.

When connecting the Loewe klang 5 via DIGITAL AUDIO LINK to a TV (SL3xx chassis and more advanced) the setting GAIN can be made on the television. The GAIN setting is only locally available, when you operate your speaker directly via LINE IN

When connecting the Loewe klang 5 to any audio source via LINE IN, these settings must be done directly on the Loewe klang 5.



All set values remain unchanged after the Loewe klang 5 has been switched on and off.

SPEAKER CHANNEL settings

Using the **SPEAKER CHANNEL** button, you can directly select the channel that you wish to hear via the respective speaker.

Selection of **FRONT L/R**:

If the speaker is in front of you, beside the TV set, select FRONT LEFT or FRONT RIGHT.

Selection of **REAR L/R**:

If the speaker is behind you, select REAR LEFT or REAR RIGHT.

Setting the SPEAKER POSITION

Using the **SPEAKER POSITION** button you have the possibility to best adapt your speaker to the room. The three LED indicators **CORNER / WALL / FREE** indicate the selected setting.

i The setting for **SPEAKER POSITION** will only be made locally on the Loewe klang 5.

Selecting **CORNER**:

When the Loewe klang 5 is near the corner of the room, select the setting **CORNER**.

Selecting **WALL**:

When the Loewe klang 5 is near a wall, select the setting **WALL**.

Selecting **FREE**:

When the Loewe klang 5 is in free space, select the setting **FREE**.

Adjusting the GAIN +/-

Using the **GAIN +/-** buttons you can adjust the basic volume. The four LED indicators **-12 dB / -6 dB / 0 dB / +6dB** indicate the adjusted volume.

The adjustment range of -12 dB to +6 dB can be changed in steps of 1 dB. The corresponding LED will light up for the values -12 dB, -6 dB, 0 dB and +6 dB. For intermediate values, the LEDs will be dimmed accordingly

i When connecting the Loewe klang 5 via DIGITAL AUDIO LINK, the volume is set in the sound components wizard (Adjusting the speaker volume, see page 13) on the TV set.

i When connecting the Loewe klang 5 via LINE IN, the setting is only locally done on the speaker.

PAIRING settings

Using the **PAIRING** button, you can connect your Loewe klang 5 wirelessly to the Loewe klang link box and then operate it.

The Loewe klang link box is not included in the set of equipment supplied, you can purchase it any time later from your dealer.

Connecting the Loewe klang 5 via Loewe klang link

- i** You cannot use the system in a mixed mode. You must decide between a wireless or wired connection. Your TV set detects automatically whether it is connected wirelessly or wired.
- i** Prior to pairing, make sure that the speakers are properly connected and all possible settings (SPEAKER CHANNEL / SPEAKER POSITION) were selected correctly.

HOME

HOME: Call **Home** view.



◀ ▶ ▲ ▼ Mark **System settings**.

OK call System settings.

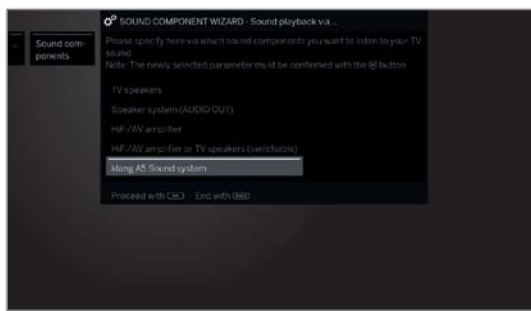
▲ ▼ Select **Connections**.

▶ go to next column.

▲ ▼ Select **Sound components**.

▶ go to next column.

Sound playback
via ...



▲ ▼ Select the **klang 5 Sound system**.

OK Confirm selection.



▶▶ Proceed to next step.

Speaker
configuration



◀ ▶ Select **Pairing**



▶▶ Proceed to next step.

Once you have selected **Pairing** and aroused the speaker by pressing any button, press the **PAIRING** button for every Loewe klang 5 speaker. The speakers and your TV set connect themselves now automatically. The connected speakers are now shown in the Linking menu.



▶▶ Complete linking.

When the **pairing** has been performed properly, the Loewe klang 5 can now be configured via the TV set (Configuration of the Loewe klang 5, see page 12)

Configuration of the Loewe klang 5

To be able to operate your Loewe klang 5 Audio System you must only exit the sound components wizard. A system 2.0 is assumed as a configuration example.

The configuration can be opened via **System settings – Connections – Sound components**.

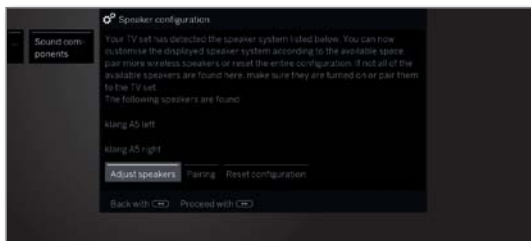
i The order and appearance of the menu items can be different from the case described here..

Sound playback
via ...



» Proceed to next step.

Speaker
configuration

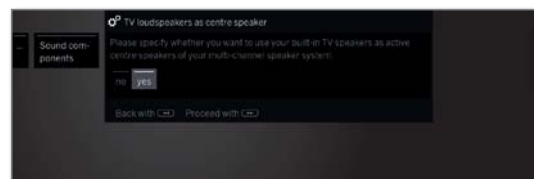


◀ ▶ Select **Adjust speakers**.



» Proceed to **TV loudspeakers as centre speaker**.

TV loudspeakers
as centre
speaker



◀ ▶ Select whether you want to use the **TV speaker** as centre speaker.

i If you select **no**, the front speakers will also transmit the centreparts of sound.



» Proceed to **Distance to left front speaker**.

Distance to left
front speaker



◀ ▶ Set the distance between the left front speaker and your listening position in 10 cm stepsn.

i Measure the distances from your listening position to the front speakers and the centre speaker (if used). The system calculates delay times from this for the loudspeaker signals, so that these reach the listener simultaneously.



» Proceed to the respective other speakers and also



◀ ▶ set distance. The selected speaker will be coloured blue.

After setting the distance.



» Proceed to **Adjust speaker level**.

Adjust speaker level



- ◀ ▶ Adjust the level for the speaker.
- ▲ ▼ Select speakers.
The selected speaker will be coloured blue.

i For balanced audio reproduction all speakers should be set to the same volume level. A noise signal will be reproduced automatically on each speaker in succession. Adjust every speaker to equal perceived volume from your listening position.

After adjustment of the last speaker.

BACK

Back: End of wizard.

This ends the sound components wizard for connecting and setting up a speaker system.

Software update

Software update via DIGITAL AUDIO LINK

If a new version of the Loewe klang 5 software is available when the TV software is updated, it is updated via the DIGITAL AUDIO LINK interface. You can find further information on software updates in the operation manual for your TV set.

i On no account should the loudspeakers be separated from the network during the update.

Specifications

Order No.	56221xxx
Ambient temperature [°C]	Min. 5 / Max. 35
Humidity [%]	Max. 80
Dimensions [W x H x D in cm]	28.0 (11.8*) x 28.0 (11.8*) x 136.0 (114.5*) *without stand
Weight [kg]	11.5
Digital power stages	1 x 55 W + 27.5 W + 1 x 25 W (sine wave)
Acoustic principle	3 way, closed D'Appolito ar- rangement
Speaker equipment	2 x 3 inch woofers 2 x 3 inch woofer / centre speaker 1 x 3 inch tweeter
Mains voltage [Volt 50/60 Hz]	220 - 240
Power consumption [Watt]	170
Network standby [Watt]	< 0.5
Setting range of intensity	[dB] - 12 / + 6
Transmission range (acoustic)	55Hz - 22kHz (ffl3dB)
Maximum sound pressure	106 dBA ffl 1 dB at 1m distance
Transmission range (electrical)	20Hz - 50kHz
Connections	DAL IN (RJ45) / DAL OUT (RJ45) / LINE IN (Cinch)
Input sensitivity	250 mV / 20kOhm (@ + 6 dB Intensity)
Signal detection	>1 mV at Line IN
Wireless transmission	5.8 GHz
Sound optimization	Corner, wall, free standing

Disposal

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 device can, if necessary, be transported under the safest possible conditions.

The device



Attention: The EU Directive 2002/96/EC governs the proper return, handling and recycling of used electronic appliances. Old electronic devices must therefore be disposed of separately. Never dispose of this device in normal domestic waste! You can hand in your old unit free of charge at identified collection points or to your dealer if you buy a similar new unit. Additional details about return (also for non EU countries) are available from your local municipal authority.

Conformity / Manufacturer's declaration



Loewe Technologies hereby declares that this product meets the essential requirements and other relevant provisions of Directive 1999/5/EC and all applicable EU directives.

You can find the complete declaration of conformity in the product selection at:

www.loewe.tv/int/my-loewe

Legal details

Loewe Technologies GmbH
Industriestrasse 11
D-96317 Kronach
www.loewe.tv

Printed in Germany
Editorial date 10/16-2.0 PS
© Loewe Technologies GmbH, Kronach

All rights including translation, technical modifications and errors reserved.