
Audiodesign

Loewe klang 1 subwoofer



Operating manual

LOEWE.



| | |
|--|-----------|
| Table of contents | 3 |
| Welcome! | 4 |
| Delivery specification | 4 |
| Safety Instructions | 5 |
| Intended Use..... | 5 |
| Installation..... | 5 |
| Mains cable/power supply..... | 5 |
| Air circulation and high temperatures..... | 5 |
| Cleaning | 5 |
| Connectors and operating controls | 6 |
| Configuration examples | 7 |
| Connector/set-up solution with one subwoofer (2.1 / 3.1 system)..... | 7 |
| Connector/set-up solution with two subwoofers (5.2 system)..... | 7 |
| Connecting Subwoofer via Digital Audio Link | 8 |
| Connecting Subwoofer via LINE IN | 9 |
| Settings directly on the Subwoofer | 10 |
| Settings via control buttons..... | 10 |
| Configuration of the subwoofer via Digital Audio Link | 12 |
| Configuration of the subwoofer via LINE IN | 14 |
| Software update | 15 |
| Specifications | 16 |
| Disposal | 16 |
| Conformity / Manufacturer's declaration | 16 |
| Legal details | 16 |

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, 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 1 subwoofer is designed for Loewe TV sets and Loewe speaker systems. The device has a powerful bass amplifier and an integral stereo amplifier.

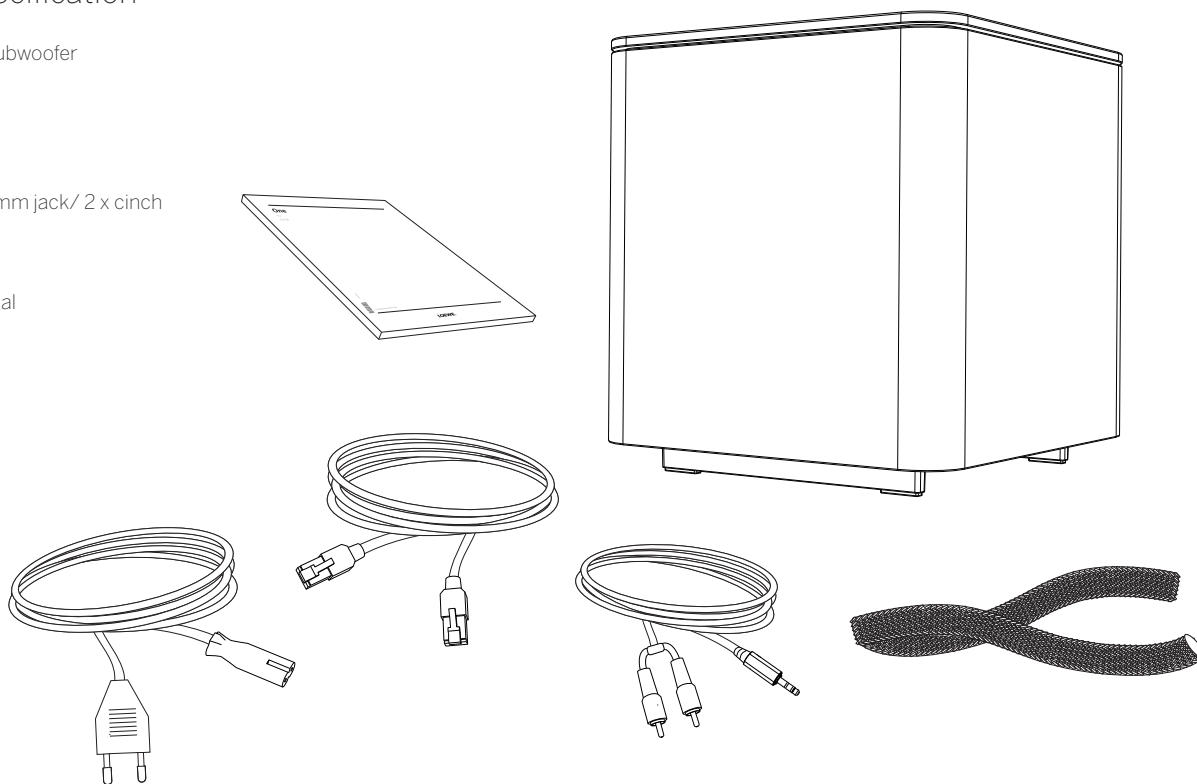
Loewe TV sets with an integrated digital multi-channel audio decoder transfer the audio signals to the subwoofer via the DIGITAL AUDIO LINK connection. The configuration and settings for the klang 1 subwoofer and the connected speakers can be comfortably done via the current Loewe TV sets. The connection via DIGITAL AUDIO LINK also offers the possibility to connect a second subwoofer in order to obtain an even more powerful bass.

Via an analogue LINE IN connector, you can also use the klang 1 subwoofer for Loewe TV sets without DIGITAL AUDIO LINK connector or other audio sources.

With the aim of a safe and long-term fault-free use of your Loewe Audio System, before putting the subwoofer into operation, please read the chapter on the next page **Safety Instructions**.

Delivery specification

- Loewe klang 1 subwoofer
- Mains cable
- Network cable
- Audio cable 3,5mm jack/ 2 x cinch
- Fabric tube
- Operating manual



Safety Instructions

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

This device has been built exclusively for private use in domestic environments. Warranty services cover this intended use.

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.



Intended Use



The unit is intended exclusively for the playback of audio signals.

Do not put down! Place the subwoofer only on the pre-assembled rubber feet.



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.



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. Connect the subwoofer to the power supply when it reach room temperature. This prevents serious damage to the components.

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

Installation



Place the unit on a firm, level surface.

Do not set up the unit near strong heat sources or in direct sunlight.

The safest position to operate your klang 1 subwoofer is at ground level.

The subwoofer 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.

Mains cable/power supply



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.

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.

Air circulation and high temperatures



Under no circumstances, the air supply of the Loewe klang 1 subwoofer may be obstructed. Make sure it is far enough away (> 10 cm) from the floor or wall.

When installing in a cabinet or closed shelf: leave (> 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.

Cleaning

Clean the top side of the subwoofer made of aluminium with a damp, soft and clean cloth only (without any abrasive cleaning agent).

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

In case of dirt or stains:

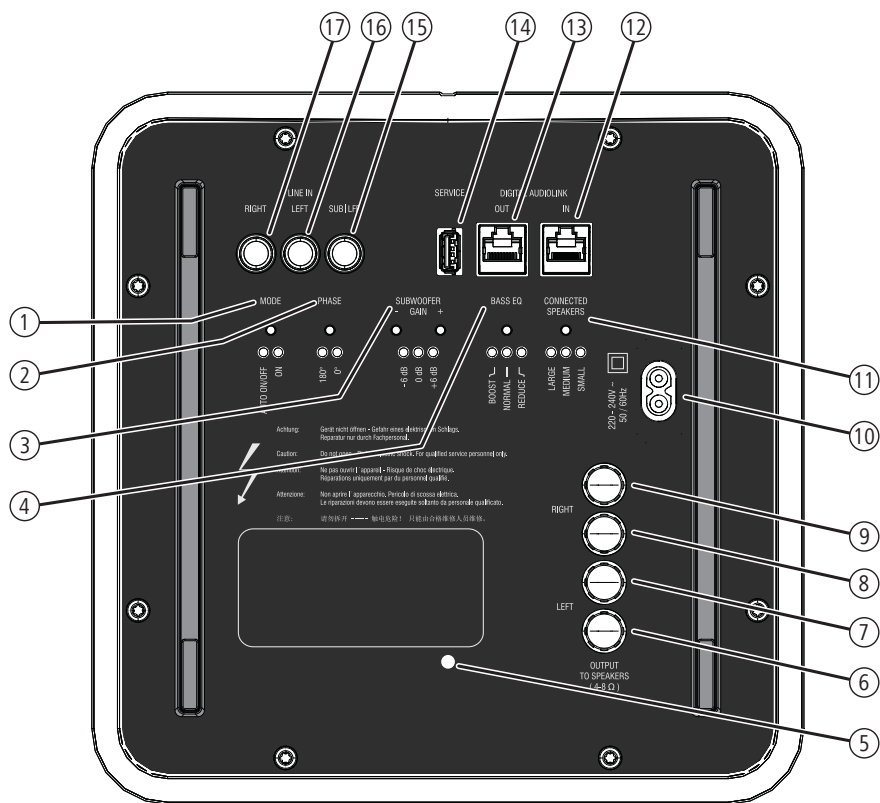
Moisten a soft, colour-neutral cloth with detergent or normal stain remover and gently rub away the stain. You can also treat the stain directly with normal dry stain remover spray (vacuum up powder).

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

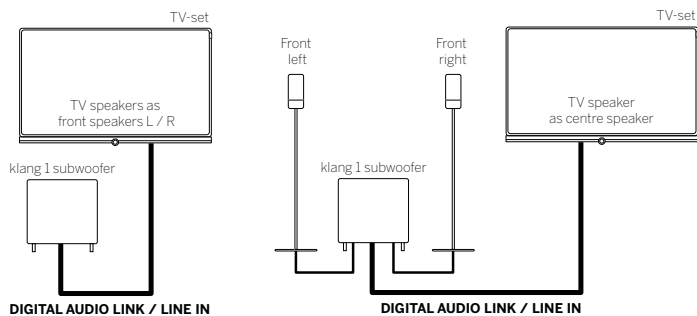


- ① **MODE** - setting / display of the On Mode
- ② **PHASE** - setting / display of the phasing
- ③ **SUBWOOFER GAIN** - setting / display of the bass intensity
- ④ **BASS EQ** - setting / display of the bass equalizer
- ⑤ **Status-LED**
- ⑥ **OUTPUT TO SPEAKERS - LEFT** - Speaker connection left (-)
- ⑦ **OUTPUT TO SPEAKERS - LEFT** - Speaker connection left (+)
- ⑧ **OUTPUT TO SPEAKERS - RIGHT** - Speaker connection right (-)
- ⑨ **OUTPUT TO SPEAKERS - RIGHT** - Speaker connection right (+)
- ⑩ **220-240 V ~ 50 / 60 Hz** - Mains connection
- ⑪ **CONNECTED SPEAKERS** - Setting / display of the connected speaker type
- ⑫ **DIGITAL AUDIO LINK IN** - Audio input (digital)
- ⑬ **DIGITAL AUDIO LINK OUT** - Audio output (digital)
- ⑭ **SERVICE** - Service interface for internal purposes
- ⑮ **LINE IN - SUB/LFE** - Audio input of subwoofer (analogue)
- ⑯ **LINE IN - LEFT** - Audio input left (analogue)
- ⑰ **LINE IN - RIGHT** - Audio input right (analogue)

Configuration examples

Connector/set-up solution with one subwoofer (2.1 / 3.1 system)

When configuring a 2.1 / 3.1 system, the subwoofer is connected to the audio source either via DIGITAL AUDIO LINK or LINE IN. In a 3.1 system, two speakers are connected to the subwoofer.

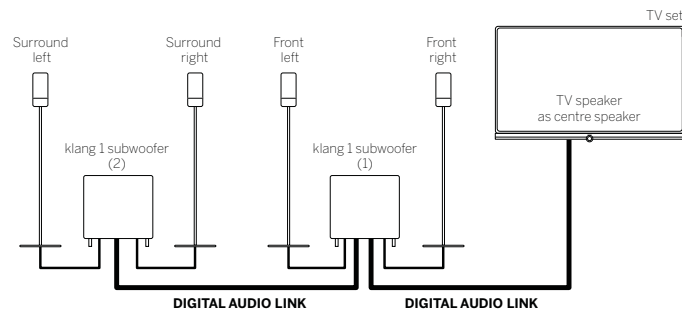


An example of a 2.1 system

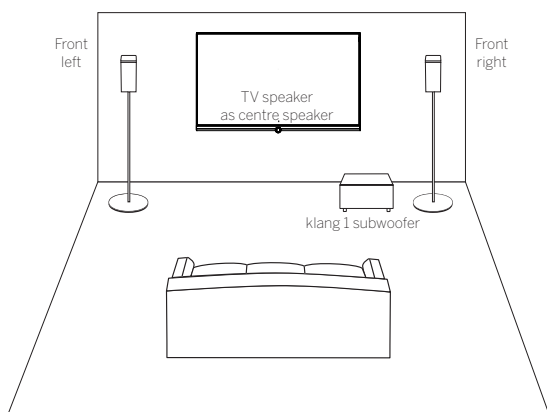
An example of a 3.1 system

Connector/set-up solution with two subwoofers (5.2 system)

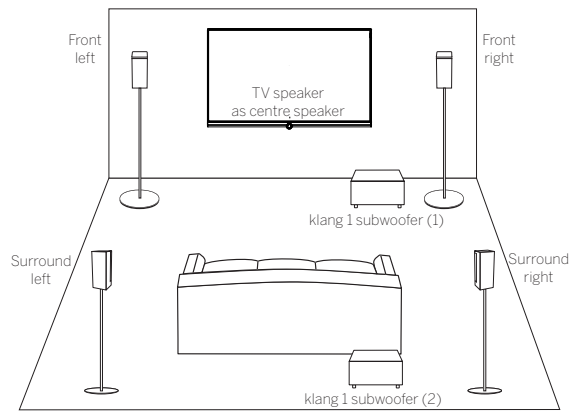
When expanding a 3.1 system connected to DIGITAL AUDIO LINK by a second subwoofer, you get a 5.2 system. The speakers connected to the second subwoofer represent the surround channels.



An example of a 5.1 system



A set-up example of a 3.1 system



A set-up example of a 5.2 system

How to connect the subwoofer via DIGITAL AUDIO LINK is described on page 8. The connection via LINE IN is described on page 9.

How to connect the subwoofer via DIGITAL AUDIO LINK is described on page 8.

Connecting Loewe klang 1 subwoofer via Digital Audio Link

Via the **DIGITAL AUDIO LINK IN** interface, you can digitally connect the klang 1 subwoofer to your TV set¹.

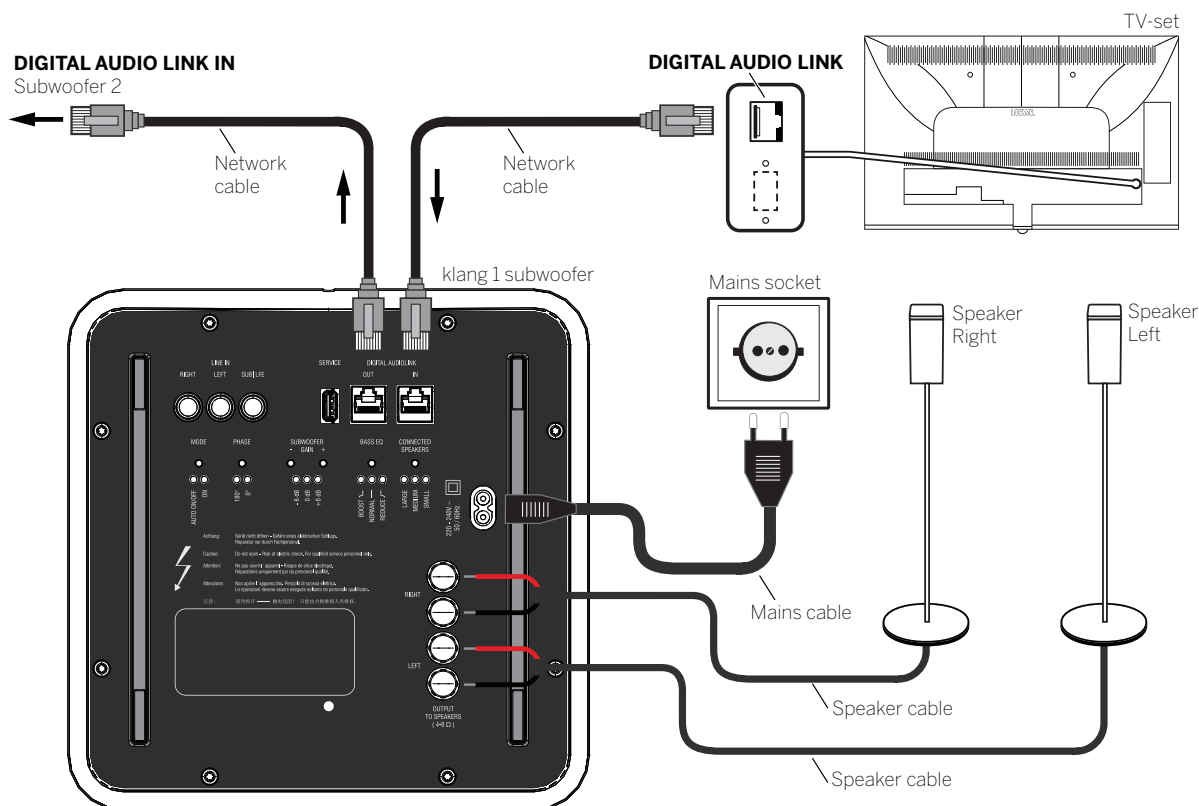
Switch off the TV set before connecting the subwoofer.

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 klang 1 subwoofer. If you want to connect a second klang 1 subwoofer, connect the **DIGITAL AUDIO LINK OUT** interface of the first subwoofer to the **DIGITAL AUDIO LINK IN** interface of the second subwoofer.

One of the two wires of the speaker cable is usually marked black. Connect this black marked cable to the black screw terminal **OUTPUT TO SPEAKERS** on klang 1 subwoofer and the black terminal on the speaker. To this end, turn the screw of the relevant screw terminal on the subwoofer anticlockwise about 5 turns. Guide the wire end into the screw terminal and close the screw terminal by turning the screw clockwise. Connect the unmarked wires to the red terminals.

Connect the speaker cable to the speaker according to the corresponding installation instructions.

Use the mains cable supplied to connect the **220-240 VAC 50/60 Hz** socket of the klang 1 subwoofer 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.

Connecting Loewe klang 1 subwoofer via LINE IN

Via the **LINE IN** analogue interface, you can connect the klang 1 subwoofer to your TV set or any audio source.

Switch off all devices before connecting the subwoofer.

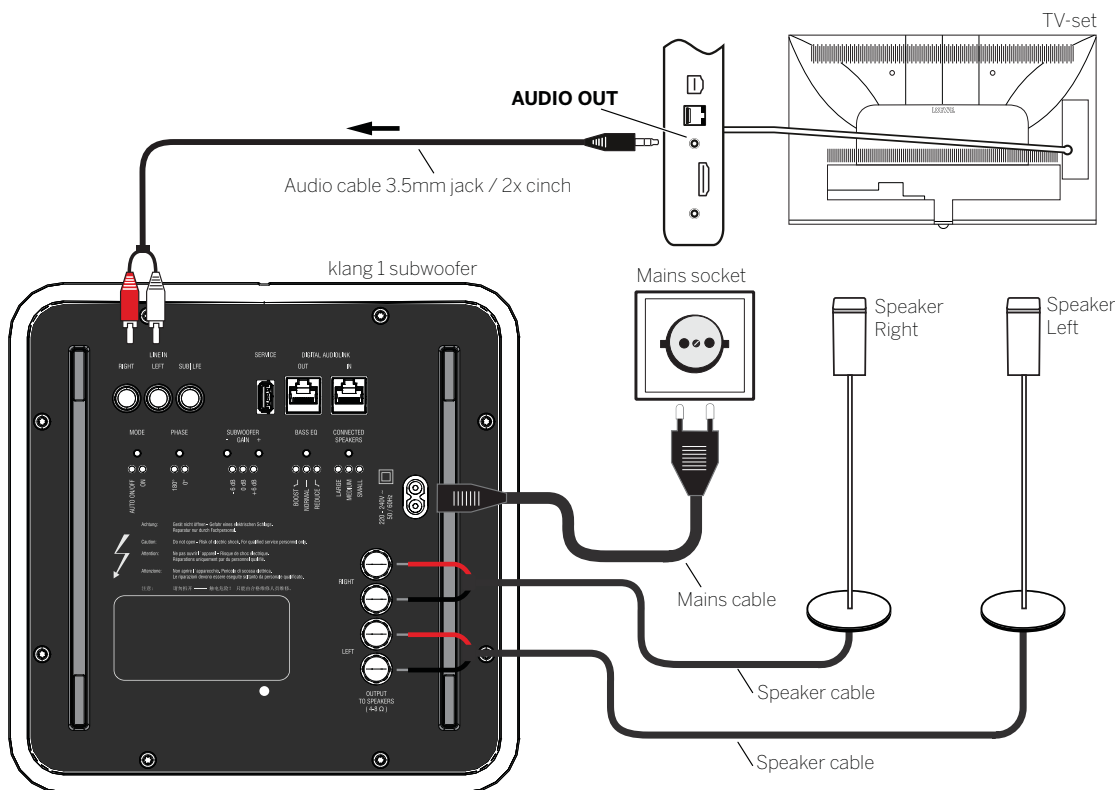
Connect the analogue audio output **AUDIO OUT**¹ of the TV set with the **LINE IN** audio inputs **LEFT/RIGHT** of the subwoofer. To do so, use the supplied audio cable 3.5mm jack/2 x cinch. If an audio source is used, which has separate jacks for left/right or a separate SUB/LFE output, use appropriate standard cinch cables.

One of the two wires of the speaker cable is usually marked black. Connect this black marked cable to the black screw terminal **OUTPUT TO SPEAKERS** on klang 1 subwoofer and the black terminal on the speaker. To this end, turn the screw of the relevant screw terminal on the subwoofer anticlockwise about 5 turns. Guide the wire end into the screw terminal and close the screw terminal by turning the screw clockwise. Connect the unmarked wires to the red terminals.

Connect the speaker cable to the speaker according to the corresponding installation instructions.

Use the mains cable supplied to connect the **220-240 VAC 50/60 Hz** socket of the klang 1 subwoofer to a 220-240V 50/60 Hz socket.

i If the menu item **TV speaker** is active in the sound components wizard of the Loewe TV set, it may happen that after turning on the TV set, the klang 1 subwoofer connected to AUDIO OUT is operated at a high volume. Therefore, select in the sound components wizard first the **Speaker system (AUDIO OUT)**¹ (see page 14) before connecting the subwoofer to the mains.



¹ For TV set types without AUDIO OUT, use the HEADPHONE connector.

Settings directly on the klang 1 subwoofer

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

Status LED

Meaning of the colours of the status LED:

- Blue: DIGITAL AUDIO LINK – input active
- Green: LINE IN – input active (analogue signal)
- Red: Disorder

Status appears for 10 sec., then the LED will turn off.

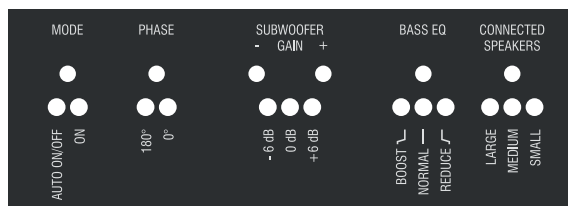
Settings via control buttons

Using several control buttons you can make various settings on the subwoofer. 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.

The handling of the settings directly on the subwoofer will depend on the connection types of the subwoofer. Depending on whether the subwoofer is connected via DIGITAL AUDIO LINK or LINE IN to the TV or an audio source.

When connecting the subwoofer via DIGITAL AUDIO LINK to a TV (SL3xx chassis and more advanced) the settings PHASE and SUBWOOFER GAIN can optionally be made on the television or directly on the klang 1 subwoofer. A local change on the klang 1 subwoofer will result in a feedback to the TV set.

When connecting the subwoofer to a TV or any audio source via LINE IN, these settings must be made directly on the klang 1 subwoofer.



All set values remain unchanged after the subwoofer has been switched on and off.

MODE settings

With the **MODE** button you can set the on/off behaviour of the subwoofer. The two LED indicators **AUTO ON/OFF** and **ON** show the selected mode.

i The setting for **MODE** will only be made locally on the subwoofer.

Selecting **AUTO ON/OFF**:

By selecting **AUTO ON/OFF**, the subwoofer automatically switches on from standby, when a connected TV set is switched on at the **DIGITAL AUDIO LINK** connector or when an audio signal is applied at the cinch jacks **LINE IN (RIGHT / LEFT / SUB/LFE)**.

If both connectors are simultaneously used (switched on TV set at DIGITAL AUDIO LINK, audio source signal at LINE IN) DIGITAL AUDIO LINK has priority. If you switch the TV set at DIGITAL AUDIO LINK to standby mode, the subwoofer automatically switches to LINE IN.

If the TV set connected to the subwoofer at DIGITAL AUDIO LINK is switched to standby, or an audio signal is not applied at LINE IN, the subwoofer in **AUTO ON/OFF** mode will automatically switch off after 10 min (standby mode).

i When connected to LINE IN, the subwoofer may be automatically turned on, if we have interference signals on the audio lines (LINE IN).

i When connected to LINE IN, the subwoofer can switch off automatically during longer, very quiet periods. In this case, increase the volume.

Selecting **ON**:

When being in mode **ON**, the subwoofer will automatically switch off after **4 hours** (standby mode), on the condition that the TV set connected to the subwoofer at DIGITAL AUDIO LINK is switched to standby or an audio signal is not applied at LINE IN.

PHASE settings

With the **PHASE** button you can set the phasing of the subwoofer. The two LED indicators **0°** and **180°** indicate the selected setting.

Test both values (**0°** and **180°**) and select the one with which you perceive a clearer bass reproduction at your listening position.

i When connecting the subwoofer via DIGITAL AUDIO LINK, the phase is set in the sound components wizard (Setting of the phasing, see page 13) on the TV set.

If after configuring the subwoofer via the sound components wizard the PHASE setting is changed locally with the button on the first subwoofer, an on-screen display appears with the modified values.

| |
|------------------------------------|
| Loewe klang 1 subwoofer |
| Operating manual |
| Settings directly on the Subwoofer |

Adjusting the SUBWOOFER GAIN

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

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

i When connecting the subwoofer via DIGITAL AUDIO LINK, the settings will set in the sound components wizard (Adjusting the speaker volume, see page 13) on the TV set.

If after configuring the subwoofer via the sound components wizard the SUBWOOFER GAIN setting is changed locally with the buttons on the first subwoofer, an on-screen display appears with the modified values.

Setting the BASS EQ

When using the **BASS EQ** button, you can set the lowest frequency ranges (20 Hz - 50 Hz) for bass reproduction to be raised or lowered. The three LED indicators **REDUCE / NORMAL / BOOST** indicate the selected setting.

i The setting for **BASS EQ** will only be made locally on the subwoofer.

Selecting **REDUCE**:

When the subwoofer is near the corner of the room, select the setting **REDUCE** (-3 dB).

Selecting **NORMAL**:

When the subwoofer is near a wall, select the setting **NORMAL** (0 dB).

Selecting **BOOST**:

When the subwoofer is in free space, select the setting **BOOST** (+3 dB).

Setting the CONNECTED SPEAKERS

With the **CONNECTED SPEAKERS** button you select the speaker type that is connected to the subwoofer. The three LED indicators **SMALL / MEDIUM / LARGE** indicate the selected setting.

Depending on the setting, the crossover frequency for the bass response changes (small = 160 Hz, medium = 110 Hz, large = 80 Hz).

i The setting for **CONNECTED SPEAKERS** will only be made locally on the subwoofer.

For certain Loewe speaker types, a compensation curve is stored to achieve optimum audio playback.

Speaker types:

Small: Loewe Satellite Speaker (Art. no. 66201xxx)

Medium: Loewe Speaker (Art. no. 56223xxx)

Large: Loewe Stand Speaker (Art. no. 66202xxx)

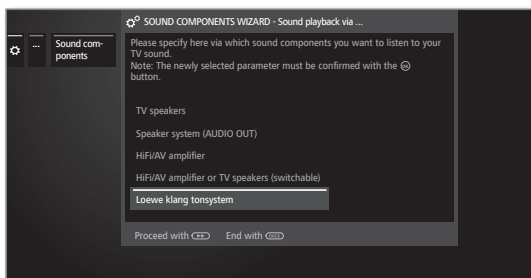
A long press (about 4 sec.) on the **CONNECTED SPEAKERS** button turns off the stored compensation curve. This provides the possibility to use other types of speakers. The flashing LED indicates that the compensation curve has been disabled. The crossover frequency can be changed as described above. To enable the compensation curve again, press button again and hold.

Configuration of the klang 1 subwoofer (DIGITAL AUDIO LINK)

After switching on the TV set, the sound components wizard detects that the klang 1 subwoofer was connected to DIGITAL AUDIO LINK for the first time and automatically displays a screen menu. A system 3.1 is assumed as a configuration example.

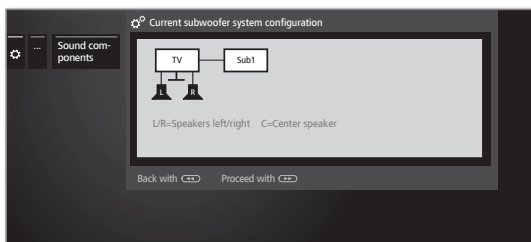
- i** After the klang 1 subwoofer is configured on the TV set, there will not be a repeated automatic detection when re-separating and connecting the DIGITAL AUDIO LINK.
- i** The configuration can be opened via **System settings – Connections – Sound components**.
- i** The one-time automatic detection of the klang 1 subwoofer depends on the Loewe chassis type and the software version used (starting with chassis type SL3xx and software version V3.x). For other types of chassis/software versions call manually the sound components wizard to select the **Speaker system (DIGITAL AUDIO LINK)**. The order and appearance of the menu items can be different from the case described here..

Sound playback
via ...



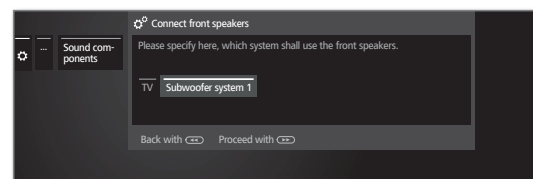
» Proceed to next step.

Current
subwoofer
system
configuration



» Proceed to connection of the **front speakers**.

Connect front
speakers

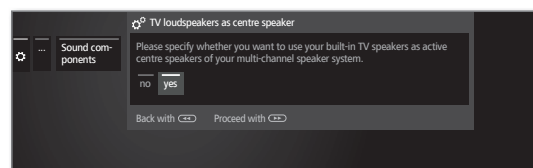


◀ ▶ Select **TV** or **Subwoofer system 1**. Please specify here whether you want to use the built-in TV speakers or the external speakers connected to the klang 1 subwoofer as front speakers.



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

TV loudspeakers
as centre
speaker



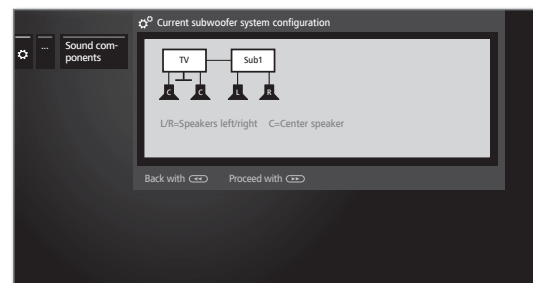
◀ ▶ Select whether you want to use the **TV speaker** as centre speaker,

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



» Proceed to next step.

Current
subwoofer
system
configuration

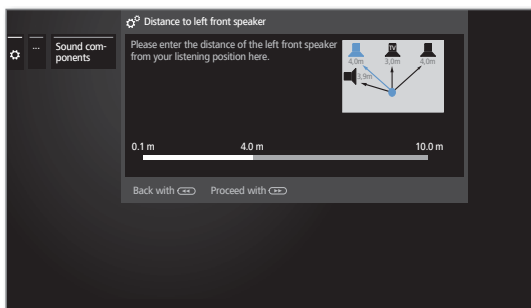


The configuration of the subwoofer klang 1 subwoofer is displayed.



» 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 steps.

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 (right front speaker, centre speaker and subwoofer) and also



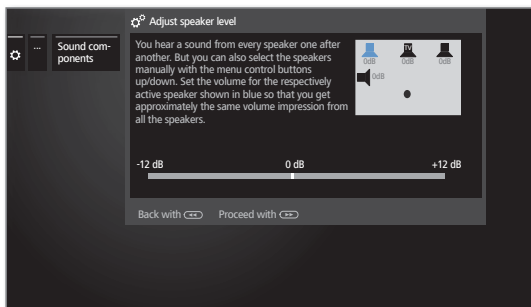
◀ ▶ set distance. The selected speaker will be coloured blue.

After setting the distance to the subwoofer,



▶▶ Proceed to **Adjust speaker level**.

Adjust speaker level



◀ ▶ Adjust the level for the speaker.

▲ ▼ Select speakers.
The selected speaker will be coloured blue.

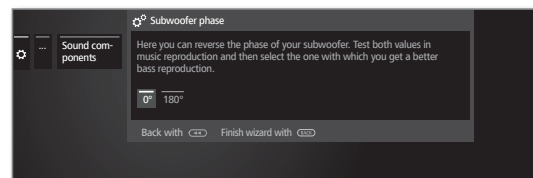
i For balanced audio reproduction all speakers should be set to the same volume level. A noise signal will be reproduced automatically on each speaker in succession. Adjust every speaker to equal perceived volume from your listening position.

After adjustment of the last speaker,



▶▶ Proceed to **Subwoofer phase**.

Subwoofer phase



Switch to a station with music or start playing music with a DVD player.



◀ ▶ Test both values (**0°** and **180°**) and select the one with which you perceive a clearer bass reproduction at your listening position.



Back: End of wizard.

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

Configuration of the klang 1 subwoofer (LINE IN)

Configure the sound components wizard of the Loewe TV set telling that you use a klang 1 subwoofer that is connected to AUDIO OUT¹ via LINE IN of the TV set. A system 3.1 is assumed as a configuration example.

i When the klang 1 subwoofer is connected to AUDIO OUT¹ and you want to return to the selection of **TV speakers**, unplug the power cord of the subwoofer before you select the **TV speakers**. At the AUDIO OUT connector¹, the audio signal may be output with high volume in the selection of **TV speakers**.

HOME

HOME: Call Home view.

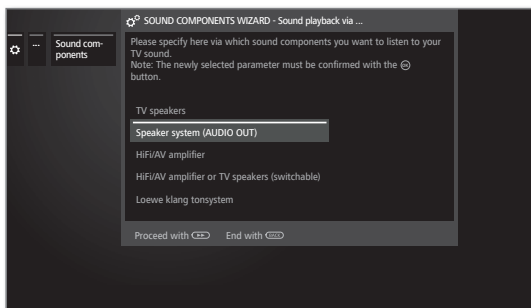


◀ ▶ ▲ ▼ Mark **System settings**.
OK call System settings.

▲ ▼ Select **Connections**.
▶ go to next column.

▲ ▼ Select **Sound components**.
▶ go to next column.

Sound playback
via...

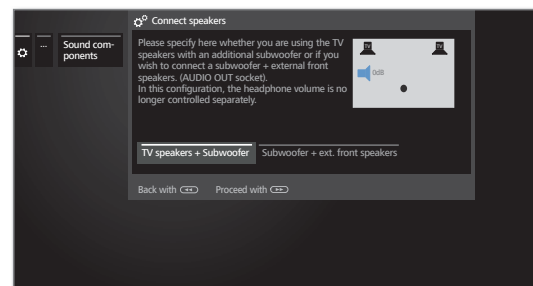


▲ ▼ Select **Speaker system (AUDIO OUT)**¹.
OK Confirm selection.



▶▶ Proceed to next step.

Connect
speakers



◀ ▶ Select **TV speakers + Subwoofer** or **Subwoofer + ext. front speakers**.

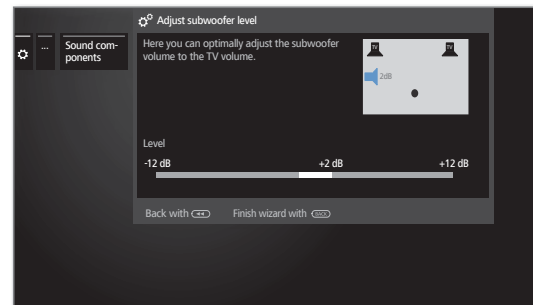
Specify here whether you want to operate the speakers of the TV set with an additional subwoofer or a subwoofer with external front speakers at the AUDIO OUT socket of the TV set.



▶▶ Continue with the appropriate selection.

TV speakers + Subwoofer

Adjust
subwoofer level



◀ ▶ Adjust the volume for the subwoofer.



Back: End of wizard.

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

¹ For TV set types without AUDIO OUT, use the HEADPHONE connector.

| | |
|---|--|
| ■ | Loewe klang 1 subwoofer |
| | Operating manual |
| | Configuration of the subwoofer via LINE IN |
| | Software update |

Subwoofer + ext. front speakers

TV
loudspeakers
as centre
speaker



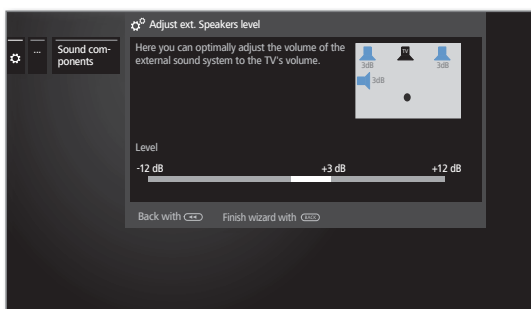
- ◀ ▶ Select **yes**, if you want to use the built-in TV speakers as centrespeakers.

If you select **no** here, the external front speakers also transmit the centre sound parts additionally.



- ▶▶ Proceed to next step.

Adjust ext.
Speaker level



- ◀ ▶ Adjust the volume of the external sound system optimally to the TV volume.

i An audio broadband signal is transmitted via the AUDIO OUT jack. Therefore, the level of the front speakers and the subwoofer varies uniformly with the volume setting.



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 klang 1 subwoofer software is available during an update of the TV software, it will also be updated via the DIGITAL AUDIO LINK interface. For more information on the software update, refer to the operating manual of your TV set.

i During the update, you must not unplug the subwoofer.

Specifications

| | |
|---|---------------------------|
| Order No. | 55201 |
| Operating temperature [°C] | 5 ... 35 |
| Humidity [%] (no condensation) | 20... 80 |
| Dimensions [W x H x D in cm] | W 24.1 x H 25.8 x D 24.1 |
| Weight [kg] | 6.8 kg |
| Digital output stages | 3 |
| Principle | 1-Way bass reflex, active |
| Fitting | 1x bass 160 mm |
| Power rating of subwoofer channel [Watt] | 150 (sine) / 300 (music) |
| Power rating of other channels at 4 Ohm [Watt] | 75 (sine) / 150 (music) |
| Mains voltage [Volt 50/60 Hz] | 220 - 240 |
| Max. power consumption [Watt] | 370 |
| Standby power consumption [Watt] | < 0.40 |
| Bass intensity [dB] | +/- 6 |
| Frequency range of subwoofer (acoustic) | 35 Hz - 250 Hz - 6dB |
| Frequency range of other channels | 30 Hz - 20 kHz - 3dB |
| Impedance of the speakers at the connecting terminals [Ohm] | 4-8 |

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 2012/19/EU 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 GmbH hereby declares that this product meets the essential requirements and other relevant provisions of the currently applicable EU directives.

You can find the complete declaration of conformity under:

www.loewe.tv/int/my-loewe

Legal details

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

Printed in Germany
Editorial date 08/18-4.0 PS
© Loewe Technologies GmbH, Kronach

All rights including translation, technical modifications and errors reserved. The screen graphic displayed is only an example. Depending on the device type, the available hardware/software components may be different.

AUS

Qualifi Pty Ltd
24 Lionel Road
Mt.Waverley VIC 3149 Australia
Tel +61-03-8542 1111
Fax +61-03-9543 3677
E-mail: info@qualifi.com.au

B NL L

Loewe Opta Benelux NV/SA
Uilenbaan 84
2160 Wommelgem, België
Tel +32 - 3 - 2 70 99 30
Fax +32 - 3 - 235 48 37
E-mail: ccc@loewe.be

CH

Telion AG
Rütistrasse 26
8952 Schlieren, Schweiz
Tel +41 - 44 732 15 11
Fax +41 - 44 732 15 02
E-mail: infoKD@telion.ch

中国

国光电器股份有限公司
广州市花都区新华街镜湖大道B号
Tel +86-(0)20-22675666
Fax +86-(0)20-22675777
E-mail: service@loewe-chn.com

CY

Hadjikyriakos & Sons Ltd.
121 Prodomos Str., P.O Box 21587
1511 Nicosia, Cyprus
Tel +357 - 22 87 21 11
Fax +357 - 22 66 33 91
E-mail: service@hadjikyriakos.com.cy

CZ

BaSys CS s.r.o.
Sodomkova 1478/8
10200 Praha 10 - Hostivar,
Česká republika
Tel +420 234 706 700
Fax +420 234 706 701
E-mail: office@basys.cz

D A

Loewe Technologies GmbH,
Customer Care Center
Industriestraße 11
96317 Kronach, Deutschland
Tel +49 9261 99-500
Fax +49 9261 99-515
E-mail: ccc@loewe.de
www.loewe-friends.de

DK

EET Europarts
Loewe Denmark
Bregnerødvej 133 D
3460 Birkerød, Denmark
Tel +45 45 82 19 19
E-mail: info@eeteuroparts.dk

E

Gaplasa S.A.
Conde de Torroja, 25
28022 Madrid, España
Tel +34 - 917 48 29 60
Fax +34 - 913 29 16 75
E-mail: loewe@maygap.com

F

Loewe France SAS
Rue du Dépôt,
13 Parc de l'Europe, BP 10010
67014 Strasbourg Cédex, France
Tel +33 - 3 - 88 79 72 50
Fax +33 - 3 - 88 79 72 59
E-mail: loewe.france@loewe-fr.com

FIN

EET Europarts
Loewe Finland
Metsänneidonkuja 12
02130 Espoo, Finland
Tel +358 9 47 850 900
www.eeteuroparts.fi

GB IRL

Loewe UK Ltd
PO Box 220
Eastbourne
BN24 9GQ
UK
Tel +44 (0)333 123 0220
E-mail: enquiries@loewe-uk.com

GR RO AL

Issagogiki Emboriki Ellados S.A.
321 Mesogion Av.
152 31 Chalandri-Athens, Hellas
Tel +30 - 210 672 12 00
Fax +30 - 210 674 02 04
E-mail: christina_argyropoulou@isembel.gr

HR

Plug&Play Ltd.
Bednjanska 8, 10000 Zagreb
Hrvatska (Kroatia)
Tel +385 1 4929 683
Fax +385 1 4929 682
E-mail: info@loewe.hr

I

Loewe Italiana S.r.L.
Via Monte Baldo 14/P
37069 Dossobuono di Villafranca
di Verona
Tel +39 - 045 82 51 690
Fax +39 - 045 82 51 622
E-mail: info@loewe.it

IL

T. R. Electro Stereo Ltd.
Yad Harutzim 9
6770002 Tel Aviv
Israel
Tel +972 - 3 - 6091100
Fax +972 - 3 - 6092200
E-Mail: info@loewe.co.il

IND

Nonplus Ultra Home Automation Pvt Ltd
First Floor, No. 615, Second Main Road
Indiranagar Stage I, Indiranagar
Bangalore 560038
India
Tel +91 80 41114599
E-mail: jimmy@nplusultra.in

IR

Pars Royal Taramesh
LOEWE
#18 Elahiye St. bidar AVE.
Unit #1
Postal code : 1965915651
Tehran, Iran
Tel +98 21-22010298
E-Mail: info@tarameshgroup.com

JOR

ACCU-TECH Solutions Co.
1-Kharija Al-Ashja'i Street
Jabal Al-Weibdeh
P.O.Box 9668 Amman 11191, Jordan
Tel: +962-6-465-9985
Fax: +962-6-465-0119
E-Mail: info@accutech-solutions.net

KSA

LOEWE Show Room
Olaya Street,
Near Kingdom Center Riyadh,
Saudi Arabia
P.O Box 92831, Riyadh 11663
Tel + 966-11-4640927
Fax +966-11-4640759
Email: hagop@sas-se.com
Mr. Hagop Julmekian

LV EST

Dominterior SIA
A.Čaka iela 80
Rīga, LV-1011, Latvia
Tel +3 71 - 67 29 29 59
Fax +3 71 - 67 31 05 68
E-Mail: konstantin.golubev@loewe.lv

LT

A Cappella Ltd.
Ausros Vartu 5, Pasazo skg.
01129 Vilnius, Lithuania
Tel +370 - 52 12 22 96
Fax +370 - 52 62 66 81
E-mail: info@loewe.lt

N

EET Europarts AS
Olaf Helsetsvei 6 (Vekstsenteret)
0694 Oslo, Norge
Tel +47 - 22919500
E-mail: salg@eeteuroparts.no

P

Gaplasa S.A.
Parque Suécia
Avda. do Forte, 3
Edifício Suécia I piso 1-2.07
2790-073 CARNAXIDE, Portugal
Tel +351 - 21 942 78 30
Fax +351 - 21 940 00 78
E-mail: geral.loewe@mayro.pt

PL

3LOGIC Sp.z o.o.
ul. Zakopiańska 153
30-435 Kraków
Tel +48 - 12 640 20 00
Fax +48 - 12 640 20 01
www.3logic.pl

RI

V2 Indonesia
5th Intiland tower
Jl. Jenderal Sudirman 32
Jakarta 10220, INDONESIA
Tel +62-21 57853547
E-mail: service@v2indonesia.com

RL

I Control SAL
Gemmaizeh, Rmeil.
Building 328 1st Floor Beirut,
Lebanon
Tel +961 1 446777 / 1 587446
Fax +961 1 582446
E-mail: info@icontrol-leb.com

RUS

Service Center Loewe
Aptekarsky per.4 podjezd 5A
105005 Moscow, Russia
Tel +7 - 499 940 42 32 (ext. 454)
Fax +7 - 495 730 78 01
E-mail: service@loewe-cis.ru

S

EET Europarts AB
Loewe Sweden
Box 4124
SE-131 04, Nacka, Sverige
Tel +46 - 8 507 510 00
E-mail: Kundservice@eeteuroparts.se

SGP

Atlas Care Centre
11 changi south street 3
#03-01 builders centre
Singapore 486122
Tel +65 - 6745 2028
Fax +65 - 6546 7861
E-mail: service@atlas-sv.com

TR

ENKAY GROUP
SERVISPLUS MUSTERI HIZMETLERI
Alemdag Cad. Site Yolu No:18
Umraniye, Istanbul, TÜRKIYE
Tel 444 4 784
E-mail: info@servisplus.com.tr

ZA

Volco Enterprise Close Corporation
Unit 8
7 on Mastiff (Road)
Longlake Ext 1, Lingbro Business
Park
2165 Johannesburg
Tel +27 11 608 1228
Fax +27 11 608 1740
E-mail: service@volco.co.za

LOEWE.