



Loewe **multi.room amp**

Powerful stereo amplifier for multiroom and homecinema installations

Up to 1.200 watts total music power

For many analog and digital sources and passive and active speakers

Use existing speakers with state-of-the-art streaming content in Hi-Res Audio quality

Multiroom audio via DTS Play-Fi, Apple AirPlay, Google Cast, Spotify and Roon

Perfect complement to the Loewe klang mr system

Ideal for any HiFi, AV or TV systems of any brand

HDMI CEC, ARC and PCM support

Loewe wireless digital audiolink technology of the second generation

Lossless and latency-free wireless signal transmission for multichannel home cinema



LOEWE. was found by the Loewe brothers as Radio Frequenz GmbH in Berlin in 1923.

Today we still design, develop and produce consumer electronics – Made in Germany.

bild – is the German word for picture or image.

klang – is the German word for sound or tone.

Data sheet

Loewe **multi.room amp**

December 2024

LOEWE.

Home of Excellence.

www.loewe.tv



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Compact size.

The Loewe multi.room amp is designed with understatement to seamlessly integrate into any living space. Its compact dimensions ensure that it can be placed discreetly, whether on a shelf, mounted on a wall, or tucked away in a cabinet. This versatility allows users to enjoy powerful, high-quality audio without sacrificing valuable space.

For professional applications in project businesses, it can also be placed in a 19" rack and secured with a central locking screw. Even two Loewe multi.room amps will fit side-by-side in a 19" rack.



Clear design.

The amplifier's aesthetics are a testament to Loewe's commitment to exceptional design. Crafted with precision and attention to detail, it expresses a certain sophistication and elegance.

Its minimalist and linear design not only suits modern interiors, but also serves as a statement that enhances the overall aesthetic of any room.



Multiple use cases.

Whether you are a passionate music lover or an experienced high professional in the audio industry, the Loewe multi.room amp is suitable for a wide range of users.

Its versatility enables a range of applications, from pure and analogue stereo systems to creating immersive wireless digital home cinema setups or serving as a cornerstone in professional audio production environments – nothing is impossible with the Loewe multi.room amp.



Powerful sound.

This amplifier doesn't just deliver sound, it masters it. With an overwhelming and in this category unrivaled power amplification stage of up to 1,200 watts and a remarkably low distortion factor, it promises a listening experience like no other.

The Loewe multi.room amp offers an incomparable sound experience. It fills any room with rich, rousing sound and ensures that every note and beat is reproduced with absolute clarity and precision. Hence it is also to play with many HiFi and High-End speakers perfectly.

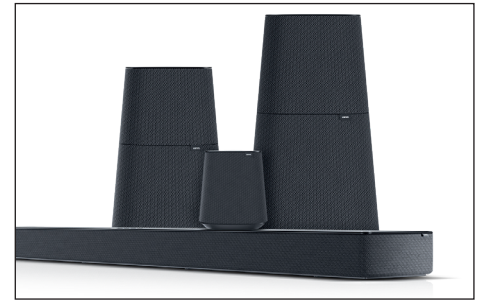


Professional features.

For installers, companies and businesses, the Loewe multi.room amp is equipped with a number of advanced features specifically tailored to fit any B2B project installations.

These include a mono mode, an acoustic fine-tuning script for individual sound adjustments or the possibility of a loop-through LAN connection ("daisy-chain"), which ensure a stable and powerful audio system for commercial applications for example in bars, restaurants, villas or yachts.

The Loewe multi.room amp can even be configured in its technical parameters to match the abilities of the respective speakers perfectly.



Expandable ecosystem.

The Loewe multi.room amp is part of an extensive ecosystem of audio products within the Loewe klang system, supporting numerous audio streaming services and sources.

Expand the audio setup with compatible products, system components and AoD content, creating a comprehensive and customized audio experience that suits any unique preferences and needs – whether for multiroom audio or multichannel home cinema or even both seamlessly at the same time!

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Achievements



reddot winner 2022



"Innovative New Loewe Amp Integrates Old Audio Devices Into New Multi-Room And Home Cinema Systems."

forbes.com, 11.12.2023 about multi.room amp



"Loewe multi.room amp adds Sonos-like skills to any audio device."

t3.com, 11.12.2023 about multi.room amp



"The versatility of the Loewe multi.room amp is enormous (...) its high performance also fires up demanding speakers (...) very good sound quality."

computerbild.de, 21.1.2024 about multi.room amp

Test result 1,7 GOOD



"On the one hand, this small, compact stereo powerhouse is equipped with remarkable performance specifications in a small space and, on the other hand, the manufacturer from Kronach in Bavaria has entered another field that was otherwise only attributed to classic hi-fi manufacturers."

hifi-journal.de, 25.1.2024 about multi.room amp

Test conclusion: Top Product



"Stylish and unobtrusive (...) has even demanding loudspeakers under control (...) also plays with astonishing sensitivity and balance."

HiFi-IFAs.de, 18. February 2024

Checkpoints: 5,6 von 6



"From intelligent networking to features such as a mono bridge and solid terminals, the multi.room amp simply does everything right."

FIDELITY Musik und Hifi, February 2024

AWARD WINNER 2024: Smart power amplifier



"The Loewe multi.room amp (...) can be recommended in every sense and is a very convincingly made, indeed audiophile product (...)"

STEREO magazine, May 2024

Test result: good 2,4



"A genuine all-rounder!"

AUDIO stereoplay, July 2024

Overall rating 136 points, price/performance: very good

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Roon system



Loewe multi.room supports the music information system Roon. All products within the Loewe multi.room series have received the Roon Tested certification from Roon Labs.

The Roon Tested certification proves that the Roon music information system can be used in its entirety with Loewe multi.room products. This extends the performance of the Loewe multi.room series and guarantees an outstanding audio experience with the simplest setup and highest reliability.

The Roon music information system offers a comprehensive and sophisticated music experience that seamlessly integrates the elements of navigating, organising and listening. Like an online dictionary, Roon provides the user with every conceivable piece of information about music. The automatic retrieval of artist photos, credits, biographies, reviews, lyrics, tour dates and composers is closely interlinked to create a navigable digital magazine as a music library. Beyond its editorial capabilities, Roon acts as a networked audio platform for multiple rooms and users. It offers features such as bit-perfect playback, DSD and PCM upsampling, multi-channel support and signal path display.

The Loewe multi.room products are perfectly integrated into Roon and ready to use for an excellent, bit-perfect audio experience. In addition, Roon is an interface for all Roon-compatible devices. Loewe's Roon Tested certification stands for power, flexibility and performance in networked audio, coupled with easy set-up and maximum reliability. This certification is a seal of approval for the seamless integration of audio technology.

For more details visit: <https://roon.app>

Tuning tool



With the easy-to-use Loewe multi.room amp tuning tool based on Microsoft Excel, the multi.room amp can be perfectly adapted to your needs, the capabilities and requirements of the speakers and the acoustic conditions of the room, thus optimising the sound of the overall installation.

The Loewe multi.room amp tuning tool is available from Loewe Technical Support. Please contact helpline@loewe.de to obtain the software.

Requirements: Microsoft Excel, local program execution (not in a cloud) and activation of Macros in Excel as well as a USB flash drive (FAT 32) for exporting the generated tuning file (in text format *.txt) to the Loewe multi.room amp.

Loewe **multi.room amp**

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System components

Loewe multi.room amp

Stereo amplifier for multiroom and homecinema installations with 1.200 watts total music power

Colour

 black



Model


multi.room amp

Article

61600

Loewe klang bar5 mr

5.1.2 Dolby Atmos soundbar with wireless subwoofer and 800 watts total music power

 basalt grey




klang bar5 mr

60601

Loewe klang bar3 mr

3.1 Dolby Atmos soundbar with integrated subwoofer and 360 watts total music power

 basalt grey




klang bar3 mr

60614

Loewe klang sub5

Any number of klang sub5 can be connected to a klang bar3 mr or klang bar5 mr at the same time

 basalt grey




klang sub5

60603

Loewe klang mr5

Wireless active speakers with 180 watts for multichannel home cinema or multiroom audio

 basalt grey



klang mr5

60606

Loewe klang mr3

Wireless active speakers with 150 watts for multichannel home cinema or multiroom audio

 basalt grey




klang mr3

60605

Loewe klang mr1

Wireless active speakers with 30 watts as rear surround or for multiroom audio

 basalt grey



klang mr1

60604

Loewe remote klang mr

Multifunctional IR remote control for Loewe klang mr and Loewe klang bar to operate all basic functions and sound settings

 black



remote klang mr

74000

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Technical data

Loewe

multi.room amp

Audio (acoustic)

Channel configuration (speaker layout)	2.0 (stereo)
2-channel crossover	● (var. level, var. frequency)

Audio (electric)

Frequency range (Hz) @ ±1 dB	20-20.000
Class-D amp	● (min. speaker impedance 4Ω)
Power (watts sine / music)	300 / 600 @ 8Ω, 600 / 1.200 @ 4Ω
Total harmonic distortion @ 1 watt / 10 watts	< 0,05 / < 0,05
Dynamic range / Signal to noise ratio (dB)	24 bit / > 100
Damping factor of power stage (dB)	> 50
Scalable output power / limiter / custom tuning	● / ● / ●
Bass and treble control / loudness	● (remote) / —
Balance / gain adjustment (dB)	● / ● (subwoofer)
Mono mix function	●
Protection circuit: heat / current / voltage / short cut	● / ● / ● / ●
Dolby Audio / Digital / Digital Plus / Volume / Atmos / Atmos Music	via klang bar mr
DTS HD / DTS:X	via klang bar mr

Operation

Display technology	White LED + Color LED (dimnable)
Screen resolution (pixels)	LED line
Screen diagonal (cm / inch)	6,5 / 2,5
Smart apps (all: Android + iOS)	DTS Play-Fi, my Loewe app
Voice control by Alexa skills	●
Software update (via USB / Internet)	● / ● (DTS Play-Fi)

Media and reception

USB music player	●
Bluetooth music player	●
Internet radio	● (via DTS Play-Fi app)
DTS Play-Fi / Hi-Res Audio	● / ●
Spotify Connect / Google Cast / Apple AirPlay	● / ● / ●
Room tested	●
Multiroom audio support	●
Multichannel home cinema support	● (front / rear surround)

Connectivity and Interfaces

HDMI	● (PCM audio only)
HDCP 2.2 / HDMI-CEC / ARC / eARC	— / ● / ● / —
USB	1 x USB 2.0 (MP3 only)
Bluetooth	●
WLAN (Wi-Fi) integrated	●
LAN network connection	2 x RJ45 (daisy chain)
Wireless Digital Audiolink (second generation)	●
AV receiver analog pre-amp cinch out 5.1 / 3.1 / 2.1 / 2.0	— / — / ● / ● (gold plated)
Analogue audio cinch in / out (stereo)	● / ● (gold plated)
Speaker terminals / banana plugs (stereo)	● / ● (gold plated)
Wall mount	● (integrated)

Network and formats

WLAN (Wi-Fi) standard	IEEE 802.11a/b/g/n/ac
WLAN (Wi-Fi) power (max. mW)	< 100mW @ 2400-2485 MHz < 200mW @ 5150-5250 MHz < 100mW @ 5250-5350 MHz < 100mW @ 5470-5725 MHz < 25mW @ 5725-5875 MHz (SRD)
WLAN (Wi-Fi) encryption	WEP 64, 128 Bit (ASCII, HEX)
WLAN (Wi-Fi) encryption WPA	WPA PSK, WPA2 AES, WPA3
Bluetooth standard	5.0
Bluetooth power (max. mW)	< 10
Bluetooth frequency range	2,4 GHz
Bluetooth protocols	A2DP SNK, AVRCP
Supported audio formats	PCM, MP3, M4A, AAC, FLAC, WAC, AIFF, Hi-Res AUDIO
Supported video formats	—

Energy and environment

Mains voltages AC	220-240V, 50/60 Hz
Power consumption eco standby mode (watts)	0,5
Power consumption network standby mode (watts)	—
Power consumption multiroom sleep mode (watts)	5
Ambient temperature while in operation	5-40° C
Relative humidity (non-condensing)	20-90%

Dimensions

Mains voltages AC	2,2
Power consumption standby / network standby (watts)	21,7 x 7,9 x 21,7

Scope of Delivery

Remote control (incl. batteries)	Loewe remote mr (2x CR2032)
Manual / power cord	● / ●
Others	HDMI cable, Quick start guide

Optional accessories

Selection of recommended setup solutions and audio systems	klang bar5 mr, klang bar3 mr, klang mr5, klang mr3, klang mr1
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● = available, ○ = not available, — = not available

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