

Wireless active speakers for home cinema and multiroom audio

Ideal for home cinema and music throughout the house 180 watts | 150 watts | 30 watts total music power output Multiroom audio via DTS Play-Fi, Apple AirPlay, Google Cast, Spotify and Roon Multichannel home cinema with Loewe wireless digital audiolink Touch panel made of real glass on the top side Five favourite buttons for freely selectable sources Perfect match for Loewe klang bar3 mr and klang bar5 mr



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 **klang mr5 | mr3 | mr1** February 2024



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Multichannel home cinema.

Loewe wireless digital audiolink (second generation) for lossless and latency-free wireless signal transmission in multichannel home cinema with Loewe klang mr as the active surround speakers.



Multiroom Audio.

DTS Play-Fi, Apple Airplay and Google Cast offer a variety of services such as Spotify, Amazon Music, Tidal, Deezer and Internet radio.



Bluetooth direct streaming.

Connect your mobile phone via Bluetooth directly to the speaker and enjoy your playlist.



Touch surface.

The glass touch panel on the top is easy to operate and offers space for up to five favourites, which can be compiled from any source.



Powerful sound.

The layout of the speakers in combination with passive radiators creates a perfectly balanced sound experience with 30 / 150 / 180 watts - with powerful bass and crystal clear high tones.



Elegant.

The design is refined and elegant. The glass top with integrated touch panel and illuminated status LED is a tribute to the Loewe eye. The cabinet is covered with our high-quality acoustic fabric and blends perfectly into your living environment.

Colour	Co	lo	ur
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Model	Article	
klang mr5	60606	
klang mr3	60605	
klang mr1	60604	

Wireless active speakers for home cinema and multiroom audio

Achievements



reddot winner 2022



"The Loewe klang mr5 is both optically and acoustically a true statement." HIFI.DE, 18. March 2023 about klang mr5 test score 8.6 VERY GOOD

"Der Loewe klang mr3 is a speaker that meets the highest demands." HIFI.DE, 21. March 2023 about klang mr3 test score 8.5 VERY GOOD

"Der Loewe klang mr1 is enormous flexible and fits practically in every scenario." HIFI.DE, 5. March 2023 about klang mr5 test score 8.4 GOOD

"Balanced and pleasant tuning, clean bass and practically unaltered timbres." Audio Video Foto Bild, edition 12/2022 about klang mr3 TEST WINNER, 1st place, test score 2,1 GOOD

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Roon system

TESTED

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 realibility.

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

Data sheet Loewe **klang mr5 | mr3 | mr1** February 2024

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System components





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Technical data

Audio (acoustic) Frequency range (Hz) @ ±3 dB Orientation front / side / up / rear firing Acoustic speaker concept Channel configuration (speaker layout) Driver total amount Driver active Driver passive 2-channel crossover Audio (electric) Frequency range (Hz) @ ±1 dB Class-D amp Power (watts sine / music) Total harmonic distortion @ 1 watt /10 watts Dynamic range / Signal to noise ratio (dB) Bass and treble control / Joudress Protection circuit: heat / current / voltage / short cut Dolby Audio / Digital / Digital Plus / Volume / Atmos / Atmos Music	35-20.000 •/•/-/• closed + passive membranes 1.0 (mono) 9 3x3/4", 3x2,5", 1x5" 2x5" • active 20-20.000 • 90/180 <0.3/<0.3 24 bit /> 80	40-20.000 ● / ● / ─ / ● closed + passive membranes 1.0 (mono) 6 3x 2", 1x 3,5" + 2x 3,5" 2x 3,5" ● active 20-20.000 ●	55-20.000 • / - / - / closed 1.0 (mono, rear surround) 1 1x 3" 20-20.000
Frequency range (Hz) @ ±3 dB Orientation front / side / up / rear firing Acoustic speaker concept Channel configuration (speaker layout) Driver total amount Driver active Driver passive 2-channel crossover Audio (electric) Frequency range (Hz) @ ±1 dB Class-D amp Power (watts sine / music) Total harmonic distortion @ 1 watt /10 watts Dynamic range / Signal to noise ratio (dB) Bass and treble control / loudness Protection circuit: heat / current / voltage / short cut Dolby Audio / Digital / Digital Plus / Volume / Atmos / Atmos Music	●/●/─/● closed + passive membranes 1.0 (mono) 9 3x 3/4", 3x 2,5", 1x 5" 2x 5" ● active 20-20.000 ● 90/180 <0,3/<0,3	 / • / - / • closed + passive membranes 1.0 (mono) 6 3x 2", 1x 3,5" + 2x 3,5" 2x 3,5" • active 20-20.000 • 	/ - / - / closed 1.0 (mono, rear surround) 1 1x 3" - -
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2-channel crossover Audio (electric) Frequency range (Hz) @ ±1 dB Class-D amp Power (watts sine / music) Total harmonic distortion @ 1 watt /10 watts Dynamic range / Signal to noise ratio (dB) Bass and treble control / loudness Protection circuit: heat / current / voltage / short cut Dolby Audio / Digital / Digital Plus / Volume / Atmos Music	eactive 20-20.000 90/180 <0.3/<0.3	• active 20-20.000 •	_
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Power (watts sine / music) Total harmonic distortion @ 1 watt /10 watts Dynamic range / Signal to noise ratio (dB) Bass and treble control / loudness Protection circuit: heat / current / voltage / short cut Dolby Audio / Digital / Digital Plus / Volume / Atmos / Atmos Music	90 / 180 < 0,3 / < 0,3	-	•
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ass and treble control / loudness Protection circuit: heat / current / voltage / short cut Dolby Audio / Digital / Digital Plus / Volume / Atmos / Atmos Music	24 bit / > 80	< 0,3 / < 0,3	< 0,3 / < 0,3
Protection circuit: heat / current / voltage / short cut Dolby Audio / Digital / Digital Plus / Volume / Atmos / Atmos Music	24 Dit / 2 00	24 bit / > 80	24 bit / > 80
Dolby Audio / Digital / Digital Plus / Volume / Atmos / Atmos Music	• (remote) / dynamic	 (remote) / dynamic 	 (remote) / dynamic
	•/•/•/•	•/•/•/•	•/•/•/•
	via klang bar mr	via klang bar mr	via klang bar mr
DTS HD / DTS:X	via klang bar mr	via klang bar mr	via klang bar mr
Operation and apps			
Display technology	White LED + Color LED	White LED + Color LED	White LED + Color LED
Screen resolution (pixels)	5x dot + 1x line	5x dot + 1x line	5x dot + 1x line
Screen diagonal (cm / inch)	6/2,4	6 / 2,4	6 / 2,4
my Loewe app / smart apps (all: Android + iOS)	 / DTS Play-Fi app 	• / DTS Play-Fi app	 / DTS Play-Fi app
/oice control by Alexa skills	•	•	•
Software update (via USB / Internet)	● / ● (DTS Play-Fi)	● / ● (DTS Play-Fi)	 ✓ ● (DTS Play-Fi)
Media and receiption			
USB music player	•	•	•
Bluetooth music player		•	•
Internet radio	(via DTS Play-Fi app)	(via DTS Play-Fi app)	(via DTS Play-Fi app)
DTS Play-Fi / Hi-Res Audio	•/•	•/•	•/•
Spotify Connect / Google Cast / Apple AirPlay	•/•/•	•/•/•	•/•/•
Roon tested	•	•	•
Multiroom audio support	•	•	•
Multichannel home cinema support	•	•	•
Connectivity and interfaces			
USB	1 x USB 2.0 (SW update)	1 x USB 2.0 (SW update)	1 x USB 2.0 (SW update)
Bluetooth	•	•	•
WLAN (Wi-Fi) integrated	•	•	•
LAN network connection		•	•
Wireless Digital Audiolink (second generation)	•	•	•
Analogue audio jack in (3.5 mm stereo)	•	•	•
Wall mount		_	•
Network and formats			
			IEEE 000 11- /h /n /n /n -
WLAN (Wi-Fi) standard WLAN (Wi-Fi) power (max. mW)	IEEE 802.11a/b/g/n/ac <100	IEEE 802.11a/b/g/n/ac <100	IEEE 802.11a/b/g/n/ac <100
WLAN (Wi-Fi) frequency range	2400-2483,5 / 5150-5850 MHz	2400-2483,5 / 5150-5850 MHz	2400-2483,5 / 5150-5850 MHz
WLAN (Wi-Fi) encryption	WEP 64, 128 Bit (ASCII, HEX)	WEP 64, 128 Bit (ASCII, HEX)	WEP 64, 128 Bit (ASCII, HEX)
WLAN (Wi-Fi) encryption WPA	WPA PSK, WPA2 AES, WPS	WPA PSK, WPA2 AES, WPS	WPA PSK, WPA2 AES, WPS
Bluetooth standard	4.2	4.2	4.2
Bluetooth power (max. mW)	<10	<10	<10
Bluetooth frequency range	2,4 GHz	2.4 GHz	2.4 GHz
Bluetooth protocols	A2DP SNK, AVRCP	A2DP SNK, AVRCP	A2DP SNK, AVRCP
Supported audio formats	MP3, M4A, AAC, FLAC, WAC, AIFF, Hi-Res A	AUDIO MP3, M4A, AAC, FLAC, WAC, AIFF, Hi-Res A	AUDIO MP3, M4A, AAC, FLAC, WAC, AIFF, Hi-Res AUD
Energy and environment			
	100 2401/ 50/60 47	100-240V, 50/60 Hz	100 2401/ 50/60 Hz
Mains voltages AC Power consumption eco standby mode (watts)	<u>100-240V, 50/60 Hz</u> 0,3	0,3	100-240V, 50/60 Hz 0,3
Power consumption multiroom sleep mode (watts)		6	6
Ambient temperature while in operation	5-35° C	5-35° C	5-35° C
Relative humidity (non-condensing)	20-80%	20-80%	20-80%
Dimensions			
Weight (approx. kg)	4,5	3,2	1,4
W* x H x D (approx. cm)	22,5 x 40,1 x 21,5	19,6 x 32,1 x 18,7	16,0 x 18,8 x 15,4
Scope of Delivery			
Manual / power cord	•/•	•/•	•/•
Others		_	wall mount klang mr1
Ontional accessories			
Optional accessories			

• = available, • = optional, — = not available

Technical changes and delivery options are subject to change without notice. The product portfolio may be different and might vary depending on the country. Service matters are all handled individually.