

Multi-Mic+



Technical data	
Dimensions	63.5 x 29.9 x 23.8 mm / 2.50 x 1.18 x 0.94"
Weight	24.4 gram / 0.86 oz
Power supply	Build-in rechargeable battery
Power connection	USB-C
Battery life*	Microphone mode / FM mode / Telecoil mode: Up to 15 hours Line-in mode: Up to 20 hours
Charging time	Max 3 hours, depending on initial state of the battery
Audio interfaces	Dual microphone voice pick-up 3.5 mm line-in (mini jack) Telecoil FM (external FM receiver required)
Audio transmission	Encrypted audio Auracast™ broadcast audio (Unencrypted)
Microphone modes	Clip mode (Vertical): Dual microphone directionality with focus towards speaker's mouth Table mode (Horizontal): Omnidirectional microphone with active noise reduction
Audio streaming	Multiple hearing instruments can stream audio from the Multi-Mic+
Wireless connections	Up to 8 Multi-Mic+ or TV-Streamer+ can stream audio to a binaural set of hearing instruments
Wireless range	Up to 25 meters / 82 feet in clear line of sight (depending on paired hearing aids)
Wireless frequency	2.4GHz
Audio quality	Mono 16 kHz sample rate
Audio bandwidth	100 Hz - 7300 Hz +/-3 dB (Telecoil: 300 Hz - 7100 Hz)
Microphone limiter	Acoustic inputs above 90 dB SPL are limited to avoid unpleasant loud audio outputs
Max line-in level	2000 mVrms (Rin = 15kΩ)
Max FM/DAI level	235 mVrms (Rin = 237kΩ)
Microphone acoustic sensitivity	-38 dBV/Pa
Telecoil sensitivity	100 mA/m is equivalent to 70 dB SPL
Line-in sensitivity	75 mVrms is equivalent to 70 dB SPL
FM/DAI sensitivity	2 mVrms is equivalent to 70 dB SPL
Emission	Max. 8.75 dBm in compliance with all relevant standards
ESD tolerance	According to IEC 61000-4-2 Electro-static discharge immunity test standard ±8 kV contact discharge ±15 kV air discharge
Operating & charging temperature	+5 °C to +40 °C
Storage temperature	-20 °C to +60 °C
Wireless Accessory Interface Compliance	EN300 328, FCC CFR 47 Part 15, Subpart C, § 15.247

* Expected operating time of the rechargeable battery depends on active features and battery age.

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