

ReSound Micro Mic



Product Description

The ReSound Micro Mic transmits speech directly to your client's hearing instruments from a range of up to 82 feet / 25 meters (Clear line of sight).

It offers:

- Exclusive design that is discreet and lightweight
- One-to-one communication when clipped on or worn with lanyard
- Plug-and-play functionality

For person-to-person communication, the Micro Mic is an obvious choice to use with any ReSound wireless hearing instrument; it is easy to use and offers exceptional benefits beyond traditional hearing aid use. By optimizing signal-to-noise ratio, it improves speech understanding in challenging listening situations where distance, background noise or poor acoustics are an issue. The Micro Mic sends a speaker's voice directly into your client's hearing instruments without the need for any extra devices – no cables, cords or necklaces.

Since the listener is not required to look directly at the speaker during a conversation, he or she is free to perform dual attention tasks.

The ReSound Micro Mic extends the hearing range beyond the standard reach of any hearing instrument in many situations, such as:

- in places of worship
- in the car
- while dining out

An onboard volume control ensures that the streamed speech level can be easily adjusted. Furthermore, should the Micro Mic be accidentally dropped and fall more than 30 inches (75cm), a drop detector ensures that the streamed signal is momentarily muted to avoid unpleasant impact noise.

Easy to connect

- Just press the pairing button on the Micro Mic, and open and close the battery door of the hearing instruments within 20 seconds to pair with the hearing instruments
- Pairing can also be done through the ReSound Aventa fitting software
- One time pairing procedure - once paired the Micro Mic stays paired with the hearing instruments

Easy to use

- Simply turn the Micro Mic ON and switch the hearing instruments into streaming mode
- Easy to recharge (charging cables included)
- Talk time: 10 hours
- Can be clipped onto clothing or worn with a lanyard
- Volume control adjustment for easy adjustment (incl. volume control lock)
- Drop control – mutes transmitted signal momentarily when dropped from heights above ~30 inches (75cm)

2.4 GHz wireless Technology

- A smart, robust and reliable standard that has a strong, clear and stable signal
- No synchronization issues between sound and image due to an unnoticeable 20ms delay
- A signal that is transmitted directly to the hearing aids without the need to wear an intermediary device.

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ReSound

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Description

- | | | |
|--------------------------------|------------------------------|-------------------|
| 1 Power button | 7 Mute button | 12 AC/DC Adaptor |
| 2 Microphone inlet | 8 Volume up | 13 Charging cable |
| 3 Microphone inlet | 9 Mute light indicator (LED) | 14 Carrying pouch |
| 4 Status light indicator (LED) | 10 Pairing button | 15 Lanyard |
| 5 Micro USB for charging | 11 Mounting clip | |
| 6 Volume down | | |



Technical data

Dimensions	2 x 1 x 0.8" / 53 x 25.5 x 20.3 mm
Weight	0.60 oz / 17 gram
Power supply	Built-in rechargeable battery
Power connector	Micro USB
Battery life (fully charged)	10 hours
Charging time	Max 3 hours, depending on initial state of the battery
Wireless frequency	2.4GHz
Wireless Range	Up to 82 feet / 25meters (Clear line of sight)
Wireless connections	Multiple hearing instruments per ReSound Micro Mic. Up to 3 ReSound streaming devices per binaural set of hearing instruments
Transmission Latency to Hearing Instrument	20ms
Audio interface	Dual microphone voice pick-up
Audio Frequency range	100-8000 Hz \pm 3dB
Microphone acoustic sensitivity	Equal to hearing aid \pm 3dB
Clip mode	Noise suppression microphone mode with directional focus towards speakers mouth
Microphone limiter	Acoustic inputs above 85dB SPL are limited to avoid unpleasant loud outputs
ESD tolerance	According to IEC 61000-4-2 Electro-static discharge immunity test standard. 6kV Contact discharge method / 8kV Air discharge method
Hearing Instrument Wireless Interface Compliance	EN300 328, ETSI EN 300 440-1 FCC CFR 47 Part 15, Subpart C, § 15.247
Operating & charging temperature	32 to 113 °F / 0 to 45 °C May also be used in environments below 32 °F / 0 °C with reduced battery lifetime
Storage temperature	-4 to 113 °F / -20 to 45 °C

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