Micro Mic

Product Description
The Micro Mic transmits speech directly to your client's hearing aids from a range of up to 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 wireless hearing aid; 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 is an issue. It sends a speaker's voice directly into your client's hearing aids 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 that normal hearing people take for granted.

In essence the Micro Mic extends the hearing range well beyond the reach of any hearing aid in a variety of situations, such as when wanting to hear better:

- 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 75cm (30 inches), 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 aids within 20 seconds to pair with the hearing aids
- Pairing can also be done through the fitting software
- One time pairing procedure - once paired the Micro Mic stays paired with the hearing aids

Easy to use
- Simply turn the Micro Mic ON and switch the hearing aids into streaming mode
- Easy to recharge (charger included)
- Talk time: Typical 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 75 cm (~30 inches)

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

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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	Paring button	15	Lanyard
5	Micro USB for charging	11	Mounting clip		
6	Volume down				

Technical data	
Dimensions	53 x 25.5 x 20.3 mm / 2 x 1 x 0.8"
Weight	17 gram / 0.60 oz
Power supply	Built-in rechargeable battery
Power connector	Micro USB
Battery life (fully charged)	Typical 10 hours
Charging time	Max 3 hours, depending on initial state of the battery
Wireless frequency	2.4GHz
Wireless Range	Up to 25meters / 82 feet (Clear line of sight)
Wireless connections	Multiple hearing aids per Micro Mic. Up to 3 streaming devices per binaural set of hearing aids
Transmission Latency to Hearing aid	20ms
Audio interface	Dual microphone voice pick-up
Audio Frequency range	100-8000 Hz ∓3dB
Microphone acoustic sensitivity	Equal to hearing aid ∓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 aid Wireless Interface Compliance	EN300 328, ETSI EN 300 440-1 FCC CFR 47 Part 15, Subpart C, § 15.247
Operating & charging temperature	0 to 45ºC / 32 to 113ºF May also be used in environments below 0ºC with reduced battery lifetime
Storage temperature	-20 to 45ºC / -4 to 113ºF

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