

# Beltone myPAL Micro



## Product Description

The Beltone myPAL Micro transmits speech directly to your client's hearing instruments 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 myPAL Micro is an obvious choice to use with any Beltone 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 is an issue. It 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 that normal hearing people take for granted.

In essence the myPAL Micro extends the hearing range well beyond the reach of any hearing instrument 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 myPAL Micro 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 myPAL Micro, 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 Beltone Solus Pro fitting software
- One time pairing procedure - once paired the myPAL Micro stays paired with the hearing instruments

## Easy to use

- Simply turn the myPAL Micro ON and switch the hearing instruments 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

## 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

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