The Mini Microphone 2+ optimises signal-to-noise ratio in one-to-one communication. It sends the speaker’s voice directly to the patients’ sound processors without the need for any extra devices. The Mini Microphone 2+ is reliable and improves speech understanding in difficult listening situations where distance, background noise or poor acoustics are an issue. 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 microphone extends the hearing range well beyond the reach of any sound processor in a variety of situations, such as when having conversations at home, in the car and while dining out.

The microphone also functions as a portable audio streaming device. Via the line-in input, your patient can connect to virtually any audio source, e.g. music player, PC, phone, or even TV to stream audio directly to the sound processors. It is ideal for situations such as:

- listening to a music player while exercising
- using other communication tools such as Skype and Facetime
- while traveling
- in place of worship
- in school, at a lecture

**Easy to use**

- Simply turn the microphone on and switch the sound processor into streaming mode.
- Easy to recharge using the included charger.
- Battery life:
  - Microphone mode: Typically 11 hours
  - Line-in mode: Typically 11 hours
  - FM mode: Typically 10 hours
  - Telecoil mode: Typically 7 hours
- When worn vertically (clipped on or worn on lanyard) the microphone automatically switches into directional mode and minimises background noise.
- When placed horizontally on e.g. a table the microphone automatically switches into omni-directional mode picking up the voices of multiple speakers.
- Plug-and-play line-in and FM functionality.
- Volume control buttons for easy adjustment (incl. volume control lock) and mute button.
- Drop detector – mutes transmitted signal momentarily when dropped from heights above 75 cm (~30 inches).

**Easy to connect**

- Just press the pairing button on the Mini Microphone 2+ and turn on the sound processor within 20 seconds and it automatically pairs with the sound processor.
- Pairing with a Baha Sound Processor can also be done through the Cochlear Baha Fitting Software.
- Once paired the microphone will stay paired with the sound processor.

**Volume setting range**

The Mini Microphone has a total volume range from -24 dB to +12 dB in 3 dB increments (12 incremental steps total). The default setting is 0 dB, meaning the sound signal is transmitted to the processors without any additional amplification.

**2.4 GHz wireless technology**

- A smart, robust and reliable standard that has a strong, clear and stable signal.
- No need to wear an intermediary device, as the signal is transmitted directly to the sound processor.
### Description

Article numbers:
- P770845 Cochlear Wireless Mini Microphone 2+ GB
- P770846 Cochlear Wireless Mini Microphone 2+ EU
- P770847 Cochlear Wireless Mini Microphone 2+ AUS
- P770848 Cochlear Wireless Mini Microphone 2+ US

### Technical information

- **Dimensions**: L 61 x H 28.5 x W 22 mm / L 2.4 x H 1.1 x W 0.87"
- **Weight**: 22 grams / 0.78 oz
- **Power supply**: Built-in rechargeable battery
- **Battery life (fully charged)**:
  - Microphone & Line-in mode: Typical 11 hours
  - FM mode: Typical 10 hours
  - Telecoil mode: Typical 7 hours
- **Power connection**: Micro USB
- **Charging time**: Max 3 hours, depending on initial state of the battery
- **Wireless connections**: Multiple sound processors per Mini Microphone. Up to 3 streaming devices (combination of Mini Microphones and TV Streamers) per binaural set of sound processors.
- **Streaming range**: Up to 25 metres / 82 feet (Clear line of sight)
- **Streaming**: 20 ms
- **Audio interface**: Dual microphone voice pick-up
- **Audio Frequency range**: 100-8000 Hz ±3dB (Tele-coil: 350-8000Hz)
- **Microphone acoustic sensitivity**: Equal to sound processor ±3dB
- **Table microphone mode (horizontal position)**: Omnidirectional microphone mode with active noise reduction
- **Clip (Mini Microphone in vertical position)**: Noise suppression microphone mode with directional focus towards speakers mouth
- **Microphone Limiter**: Acoustic inputs above 85 dB SPL are limited to avoid unpleasantly loud outputs
- **Telecoil sensitivity**: 100 mA/m is equivalent to 70 dB SPL acoustic input
- **Line-in sensitivity**: 18 mV is equivalent to 70 dB SPL acoustic input
- **DAI/FM (Euro plug) sensitivity**: 4 mV is equivalent to 70 dB SPL acoustic input
- **Max line-in level**: 500 mVrms (Rin = 3.9kΩ)
- **Max DAI/FM level**: 70 mVrms (Rin = 250kΩ)
- **ESD tolerance**: According to IEC 61000-4-2 Electro-static discharge immunity test standard. 6kV Contact discharge method / 8kV Air discharge method (TBV)
- **Wireless frequency**: 2.4 GHz
- **Emission**: -4 dBm
- **Hearing Instrument Wireless Interface Compliance**: EN300 328, ETSI EN 300 440-1
- **FCC CFR 47 Part 15, Subpart C, § 15.247**
- **Operating & charging temperature**: 0 to 45 °C / 32 to 113 °F
- **Storage temperature**: -20 to 45 °C / -4 to 113 °F

All data is subject to change.

Read instructions for use.

Cochlear Wireless Accessories are compatible with select Cochlear sound processors.

See [www.cochlear.com](http://www.cochlear.com) for full compatibility details.