

ReSound Mic-in-Helix

What makes Mic-in-Helix so unique?

Mic-In-Helix (MIH) is a custom product solution exclusive to ReSound. Similar to Receiver-in-Ear (RIE) devices, the microphone of the hearing aid is separated from the device itself and placed in the helix. The unique microphone placement lets patients take full advantage of collecting and directing the sound in a more individualized and natural way which is fundamental to our Organic Hearing Philosophy.

Mic-in-Helix benefits for patients

The ReSound MIH custom hearing aid is uniquely engineered to fit within the contours of the external ear. This allows us to tuck the microphone neatly into the folds of the pinna while the hearing aid itself sits in the ear canal. This unique design provides:

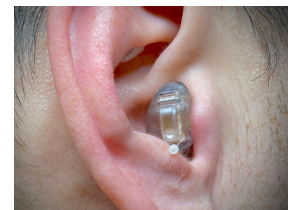
- Better sound localization
- Increased speech recognition¹
- 40 percent smaller than traditional hearing aids
- Natural wind noise reduction due to the mic being tucked into the helix* of the pinna
- No interference with glasses or face coverings like face masks
- Direct streaming to an iPhone®, iPad®, or iPod® Touch* and Android devices.



Patient candidacy for Mic-in-Helix

The ReSound MIH is a great option for a wide range of patients, including those who are difficult to fit. One or several of the following scenarios would be a good fit for ReSound Mic-in-Helix (MIH) products:

- For individuals concerned about cosmetics the clear faceplate and shell combination provides the utmost in discretion
- Current or previous custom product users
- Individuals who wear glasses
- Items worn over ears like: face masks, oxygen masks, goggles, hats or helmets
- Active people who prefer outdoor activities like golfing and fishing
- Individuals with moisture concerns or excessive perspiration



Our dedicated team of Customer Advisors, Audio Designers and technicians are advocates for you as the product is being shaped and molded so you can expect a personalized fit from the start.

Color options



Best practices for ear impressions

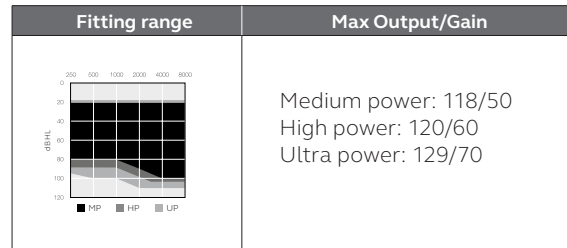
A perfect fit starts with your impression. Compromises made with the ear mold impression EMI will ultimately impact the fit of the hearing instrument. Our impressions extend beyond the 2nd bend in the ear canal and have a full helix.

MIH Technical Specs

MODEL	RE9MIH-W RE9MIH-WT
DEVICE CONFIGURATIONS	
Battery size	312/13
Receiver Options	MP, HP & UP
Control Options	Push Button, Volume Control Telecoil
AUDIOLOGICAL FEATURES	
Number of channels	17
Binaural Environmental Optimizer II	●
NoiseTracker II	5 settings
Expansion	3 settings
Impulse Noise Reduction	3 settings
Windguard	3 settings
Sound Shaper	●
DFS Ultra III (w/ Music Mode)	●
Synchronized Acceptance Manager	●
Tinnitus Sound Generator	●
FUNCTIONAL FEATURES	
Ear-to-Ear Communication	●
Direct Audio Streaming	●
ReSound Wireless Accessory compatibility	●
ReSound Smart 3D™ app	●
RESOUND ASSIST	
Remote Fine-Tuning	●
Remote Firmware Updates	●
Live Assistance	●
FITTING FEATURES	
Fitting Software Smart Fit™	●
Fully flexible programs	4
Auto DFS	●
Datalogging	●
Noahlink Wireless	●

Pertinent information to provide with impression

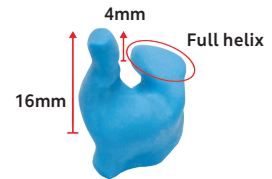
- Describe ear texture of anti-tragus and cartilaginous areas making contact with instrument (ex: do not fill indentation marked on EMI)
- Provide existing model, gain setting and vent size and its adequacy
- To ensure good sound bore placement do not cut canal. Mark desired length or allow our technicians to make the determination.



EAR IMPRESSION—THE 16/4 RULE

Take an **OPEN JAW** impression when:

- Ear geometry lacks retention
- Patient has severe TMJ movement
- Instrument migrates out of ear
- Instrument is loose or has feedback



Manufacturer according to FDA:

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