

ReSound ONE with M&RIE

What makes M&RIE so groundbreaking?

Our most advanced hearing solution yet, ReSound ONE™ can be configured as a traditional RIE (Receiver-in-Ear) or as a new class of device with M&RIE (Microphone & Receiver-In-Ear). With M&RIE, we have placed an additional microphone in the ear canal. This unique placement allows your patients to take full advantage of what the pinna was designed to do, collect and direct sound so patients can hear with their own ears for a more organic sound experience. By combining the benefits of a RIE with the microphone placement benefits of a custom device, your patients can truly hear like no other.



How does M&RIE work?

Our individual anatomy including our outer ears, head and torso uniquely shape the sound that enters the ear canal, providing acoustic cues that the brain uses to help us orient to our environment, perceive the depth and direction of sounds, and untangle overlapping sounds. This shaping is as individual as your fingerprint and what makes the sound natural to each person.

In addition to the two microphones on the hearing aid, the M&RIE receiver module includes a microphone that collects sound in the ear canal, preserving each individual detail.

With All Access Directionality, users get the most natural sound quality with M&RIE in quiet and moderately complex environments, while the device microphones provide a boosted SNR (Signal-to-Noise Ratio) in noisier situations.

Why will your patients prefer ReSound ONE with M&RIE?

Satisfied users consistently report benefits such as:

NATURAL SOUND QUALITY WITH DEPTH AND DETAIL

90% of listeners prefer M&RIE for natural sound quality¹.

BETTER SOUND LOCALIZATION THAT KEEPS IMPROVING

57% New research confirms that users can locate sounds with 31% greater accuracy when they start wearing M&RIE, increasing to 57% after 4 months of wear time³.

WIND NOISE PROTECTION

15 dB natural wind noise protection without reducing gain⁴ provides 33% better sound quality⁵, so being outdoors can be more enjoyable.

EASY, NATURAL PHONE PLACEMENT FOR CALLS

95% of users report effortless non-streamed phone calls with M&RIE⁶.

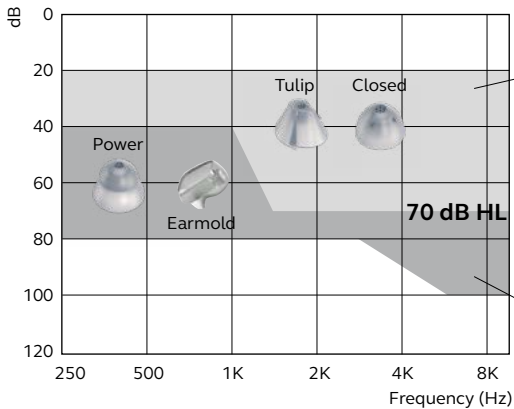
M&RIE REDUCES LISTENING EFFORT

2.6 dB Findings show that wearing M&RIE reduces the effort of listening across different types of listening situations – with a quantified benefit of 2.6 dB².

1. With mild hearing loss compared to pinna restoration and omnidirectional. Groth, 2020.
 2. Compared to traditional microphone placement. Quilter et al, 2021.
 3. Compared to traditional microphone placement. Jespersen et al, 2021.
 4. Compared to omnidirectional at wind speed of 5 m/s. Groth, 2020.
 5. Compared to traditional microphone placement. Andersen et al, 2021.
 6. Percentage of users who report regular calls without effort or very little effort. Hartenstein & Quilter, 2021. Subjective experience of telephone listening with M&RIE.

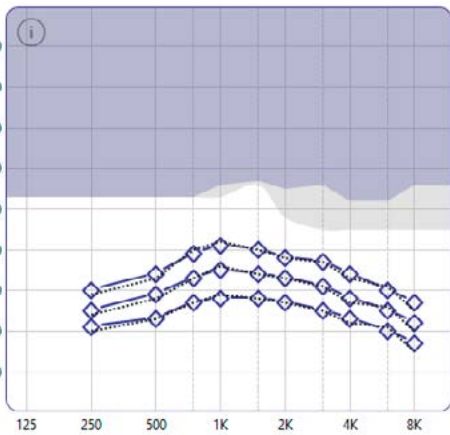
How to get the most organic sound from M&RIE

Patients with hearing losses ranging from mild to severe can benefit from M&RIE. The recommended dome for your patients depends on their hearing at low frequencies and the size of their ear canals. M&RIE is best for patients whose audiograms fit entirely within the indicated fitting ranges below.



- Best results in this range are obtained with Closed or Tulip dome
- Users rate the Tulip and Closed domes highly for sound quality, own voice and occlusion. Both domes provide the same degree of openness, with a 10 dB vent effect at 500 Hz
- Tulip and Closed domes increase available stable gain by approximately 3 dB relative to the Open dome

- Power domes and Earmolds are recommended for users with hearing loss within this range
- Earmolds can be customized to any hearing loss severity and are an excellent option for patients with moderate-to-severe hearing loss



EASIER FITTINGS WITH RESOUND SMART FIT

- Feedback Guard helps you get the most out of the capabilities of DFS Ultra III for all your fittings
- The grey zone on the fitting screen appears when DFS Ultra III has been calibrated and shows the gain region that is beyond the ability to provide a feedback-free fitting
- Feedback Guard keeps gains below the grey zone

Receiver and dome recommendation

ReSound ONE is compatible with the full range of SureFit 3 receivers and domes.

All receivers are automatically detected in the fitting software and the appropriate dome for the individual fitting is also recommended by ReSound Smart Fit.

	M&RIE	LP	MP	HP	UP
Open	○	●	●	○	
Tulip	●	●	●	●	
Closed	●	●	●	●	
Power	●	○	●	●	
Earmold	●	●	●	●	
Encased		●	●	●	●

Manufacturer according to FDA:

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