



ReSound ONE

Hear like no other

ALL ABOUT THE INDIVIDUAL

Just like a fingerprint, each person's hearing is one of a kind. Nature has designed the shape of the ear to perfectly capture sounds all around, and because the shape of each person's ear is unique to them, the sound they hear is uniquely theirs.

SOLVING A BIG CHALLENGE

Most hearing devices capture sound from behind the ear, which isn't where nature intended, so sound can end up feeling standardised, unnatural, and incomplete. ReSound ONE™ changes all of this with new hearing technology.

WELCOME TO A NEW APPROACH

ReSound ONE introduces the world's first full-featured* hearing aid with M&RIE (Microphone & Receiver-In-Ear) for a truly individualised, more complete sound experience. Both a microphone and a receiver are positioned discreetly inside the ear, so the user can collect the whole sound.

RESOUND ONE BENEFITS

- Our most natural sound quality
- Greater hearing in any environment, even in noise
- Great one-to-one hearing experience in the toughest environments
- Unmatched rechargeability and extensive connectivity to adapt to the person's needs
- Designed for ultimate comfort, discretion and performance
- Accurate, comfortable and individualised from the first fit

WHY THE WORLD NEEDS RESOUND ONE

93% of hearing aid users still have trouble hearing in noisy environments.¹

55% of users still get confused about where sounds come from.¹

The community craves naturalness and clarity of sound.

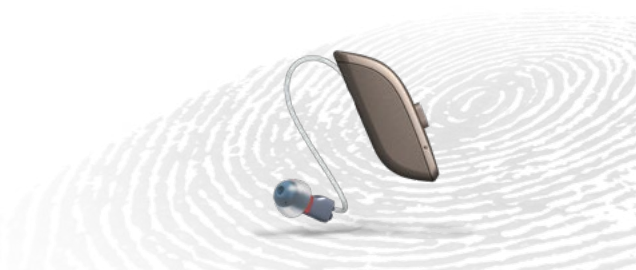
A BREAKTHROUGH IN SOUND

Inspired by the ReSound Organic Hearing philosophy, ReSound ONE with M&RIE gives the brain everything it needs to process sound with greater direction and depth, making it effortless to tune in and enjoy conversations, in any situation.

HOW M&RIE WORKS

ReSound took the most popular hearing aid style, Receiver-in-Ear (RIE), and made it significantly more beneficial for those with hearing loss by combining the receiver with a microphone in the ear.

- The microphone picks up the sound at the entrance to the ear canal
- The hearing aid delivers the sound using the user's own unique ear anatomy and acoustics
- The user gets greater spatial perception as the sound's depth and direction can be identified
- They also get improved speech understanding in noise as noise sources can be separated by the brain
- Plus, natural wind noise reduction due to the microphone's protected location in the ear

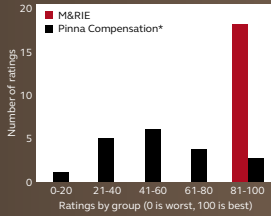


Open ear and M&RIE comparison

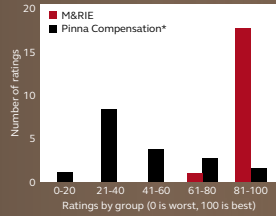
The colour patterns in the technical measurements (Graph B) show how sounds of different frequencies presented from angles all around the head are shaped as they reach the ear canal. The sound filtering properties of the M&RIE are almost identical to the open ear.²

Graph A

Spatial Sound Quality Ratings

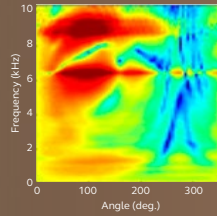


Overall Sound Quality Ratings

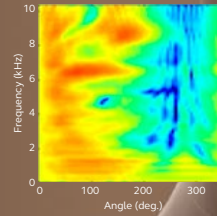


Graph B

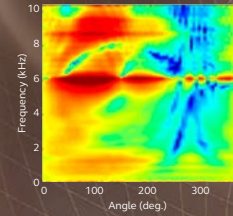
Open Ear



Pinna Restoration*



Microphone in the ear (MIE)



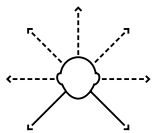
* Pinna compensation/restoration refers to microphones above the ear.



MORE NATURAL SOUND QUALITY

A blinded listening test showed that participants rated the overall sound quality with M&RIE to be significantly better and to provide more spatial detail than when the sound is collected at the traditional microphone location above the ear (see Graph A). M&RIE was great for everyone because they were listening to the sound shaped by their own ears.²

ReSound ONE technology adapts to fit the person not the other way around.



ALL ACCESS DIRECTIONALITY

Automatically adjusts directional microphone patterns so the user is in the best, most natural position to hear what's important and monitor the sounds around them.



ULTRA FOCUS

For the user to activate in extra-demanding sound environments, to hear the speech of the person in front and stay connected to others, for renewed confidence in situations previously avoided.

INDUSTRY-LEADING RECHARGEABILITY AND EXTENSIVE CONNECTIVITY AND STREAMING

- Rechargeable solution with the longest battery life for well over a day's worth of worry-free use
- Connects people to their iPhone or Android™ smartphone, wireless accessories, and the world
- Direct audio streaming via Bluetooth® Low Energy technology

AN EXCITING NEW ERA OF TELE-HEALTH

ReSound ONE works with the innovative ReSound Assist and ReSound Assist Live for remote hearing care, fine-tunings and in-ear tests with a hearing care professional, from the comfort of home or elsewhere.

THE ONE TO WATCH

- Explore ReSound ONE
<https://www.resound.com/en/hearing-aids/resound-hearing-aids/resound-one>
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² J. Groth, 2020. An innovative RIE with microphone in the ear lets users "hear with their own ears".