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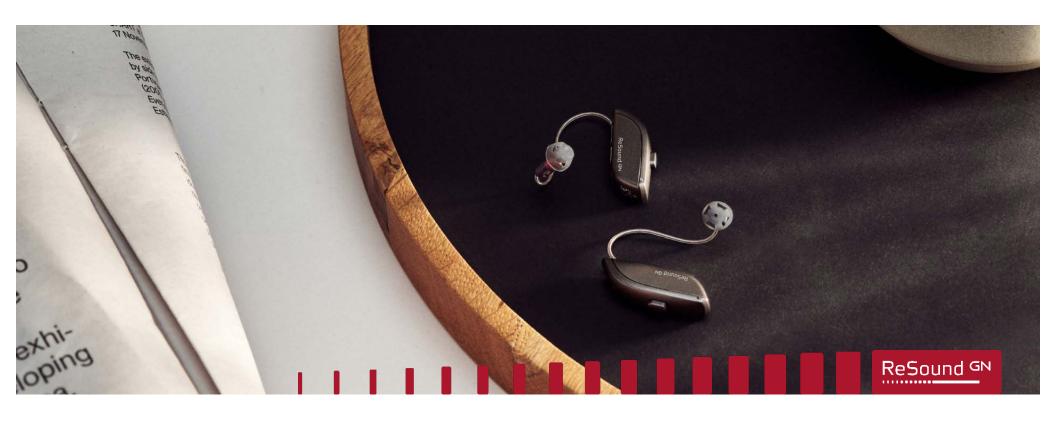
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Directionality Designed to Support a Natural Sound Experience

RESOUND GOVERNMENT SERVICES

Learning Objectives

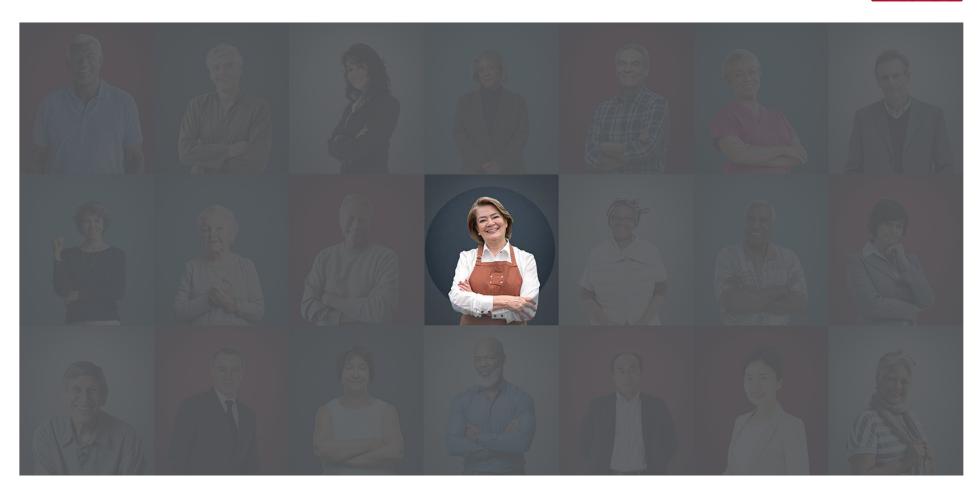
- Discuss the natural listening strategies utilized by the brain in the normal auditory system
- Describe how ReSound ONE M&RIE, All Access Directionality, and Ultra Focus support natural listening strategies
- Identify patient benefits provided by ReSound One directionality features



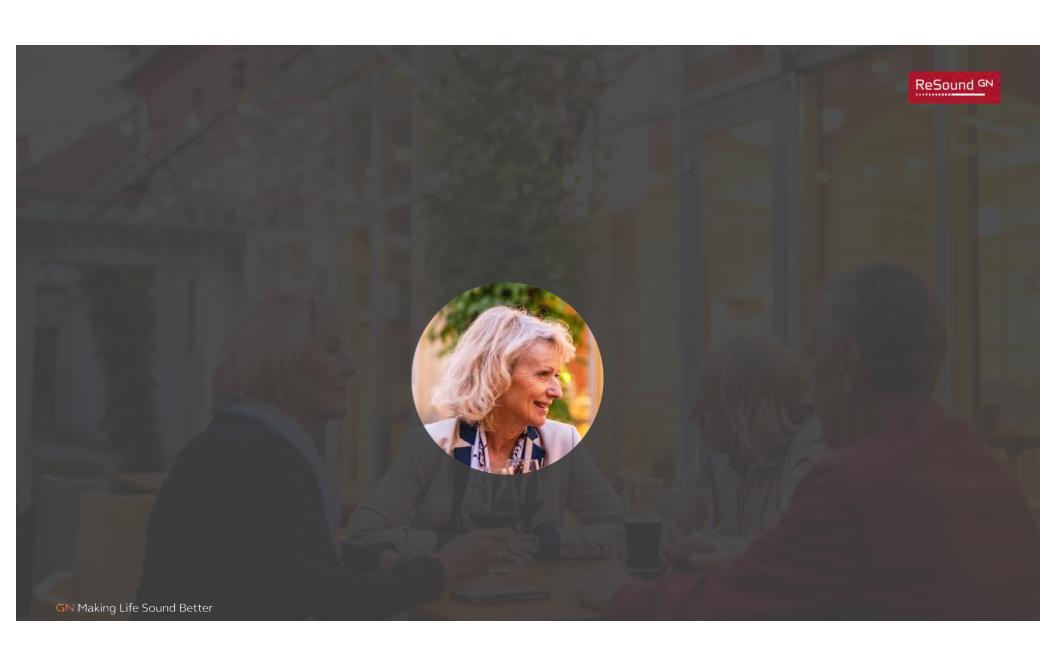


ReSound Organic Hearing Philosophy





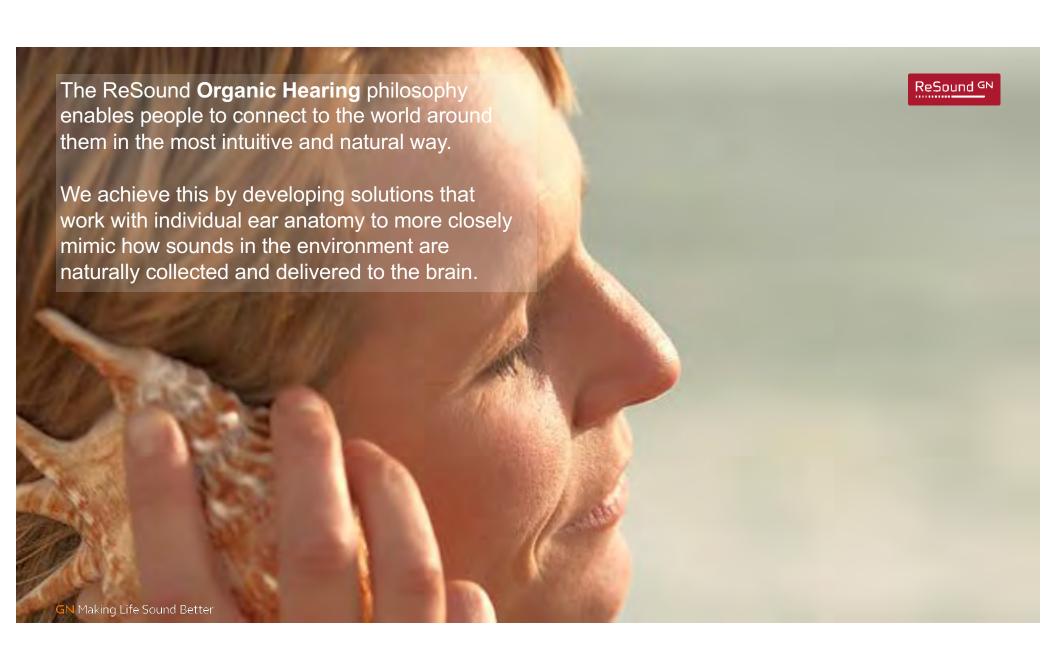
GN Making Life Sound Better

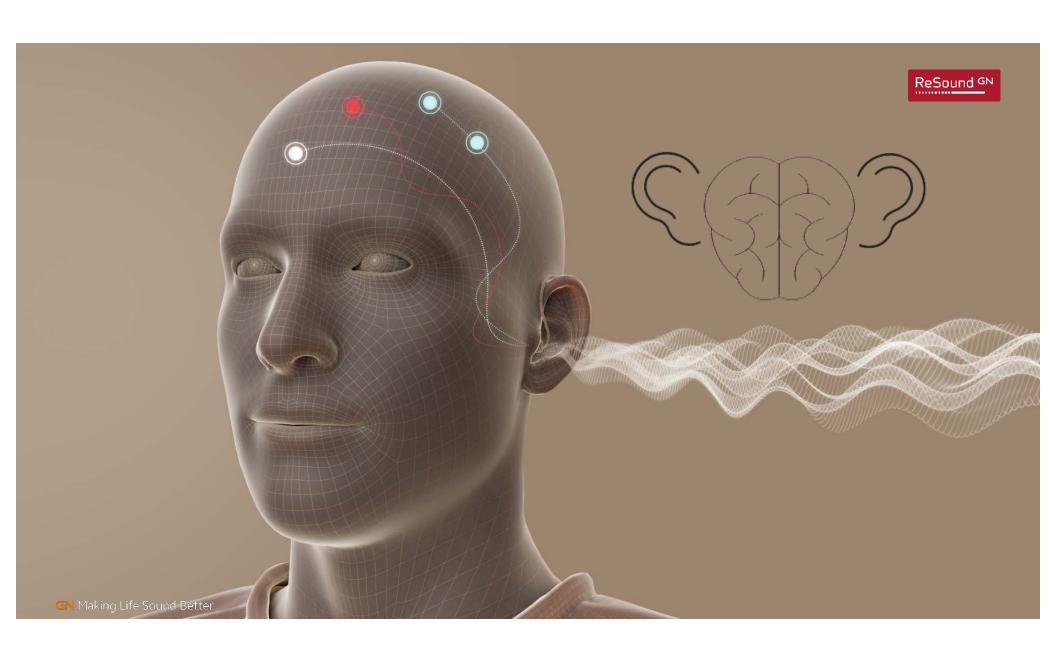


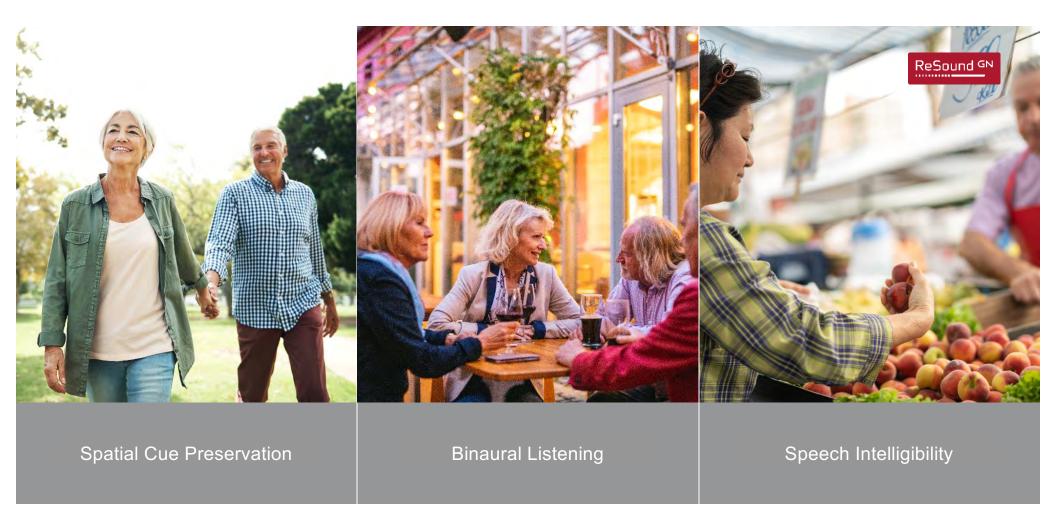
Each Person's Hearing is **One** of a Kind

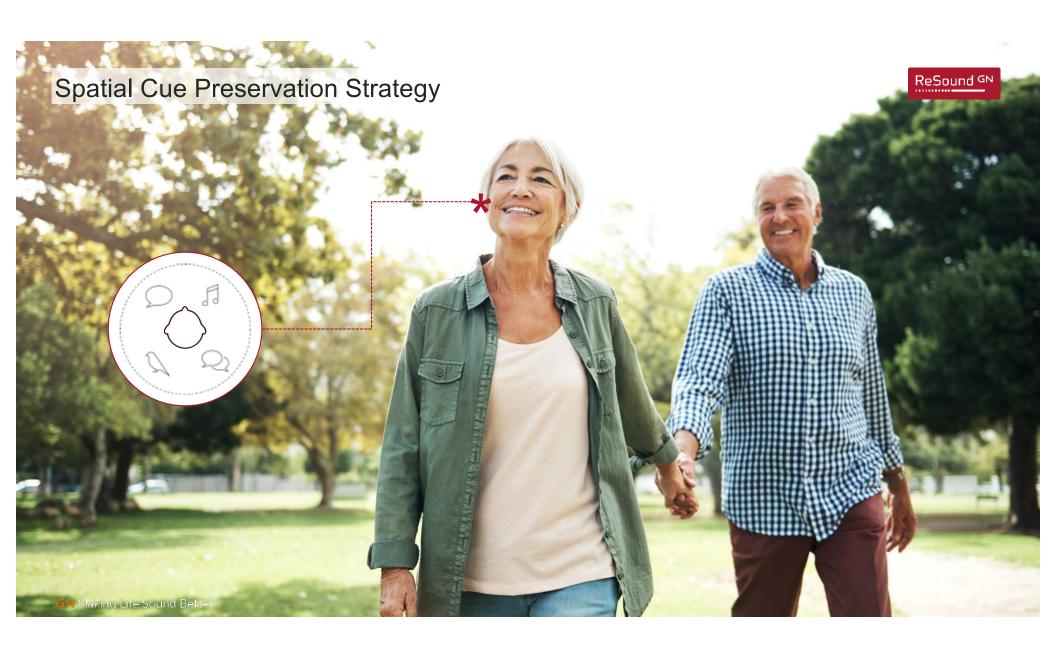




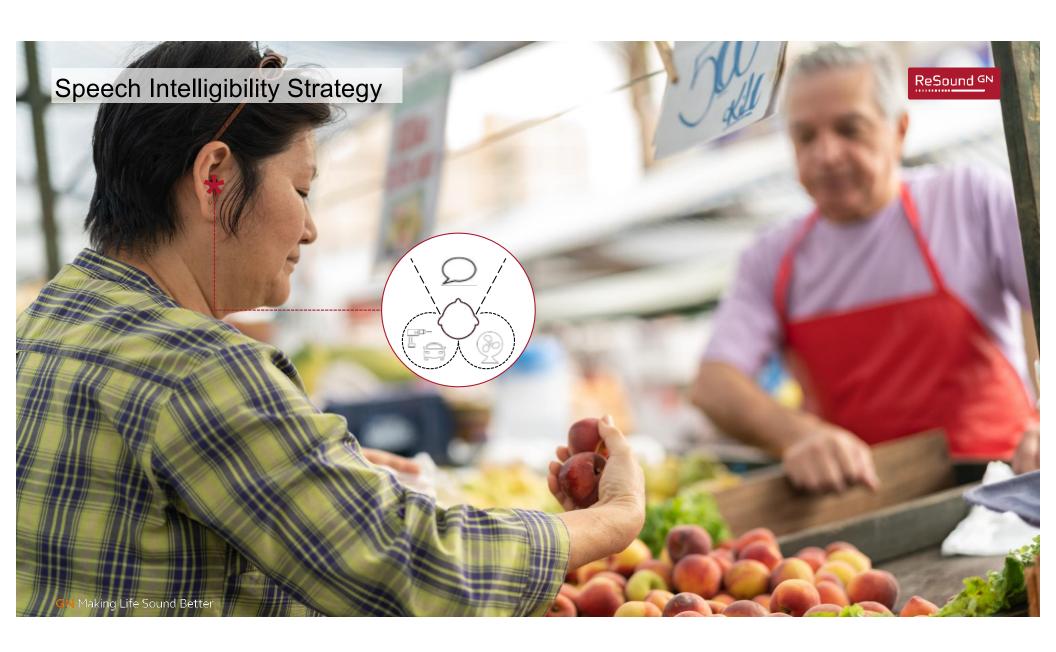






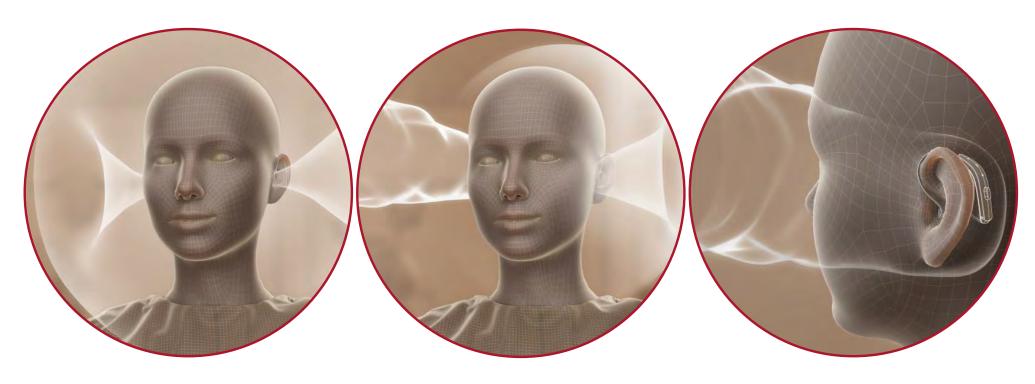






All Access Directionality





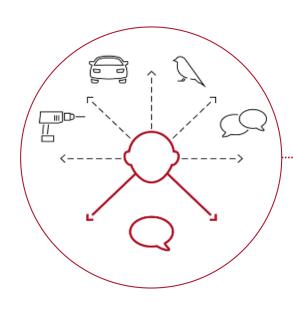
Spatial Cue Preservation Strategy

Binaural Listening Strategy

Speech Intelligibility Strategy

All Access Directionality

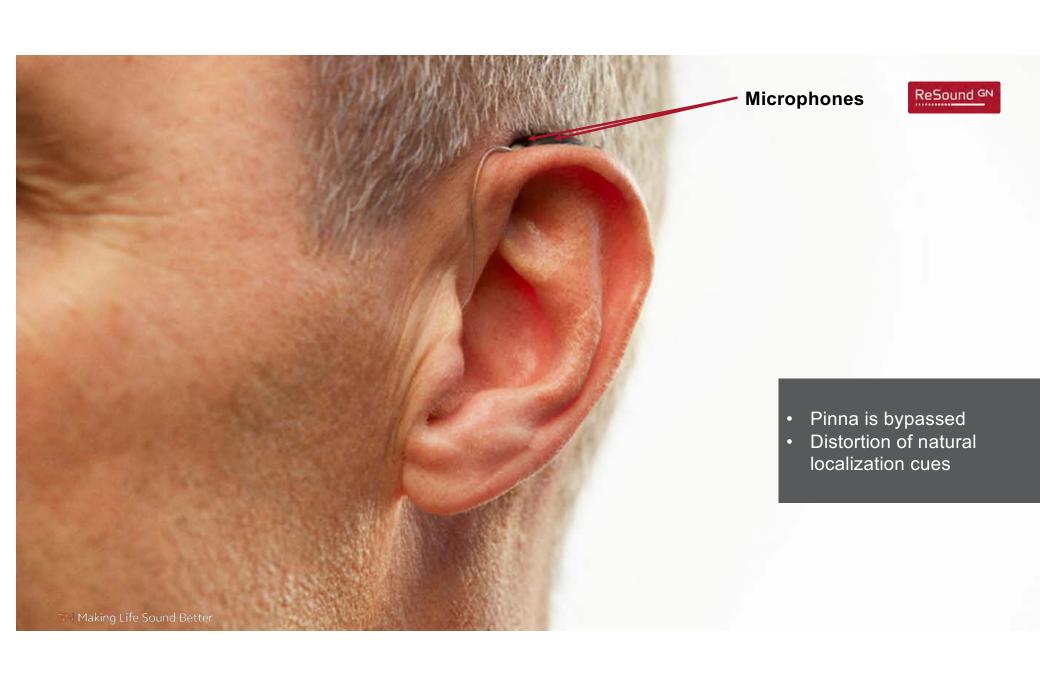


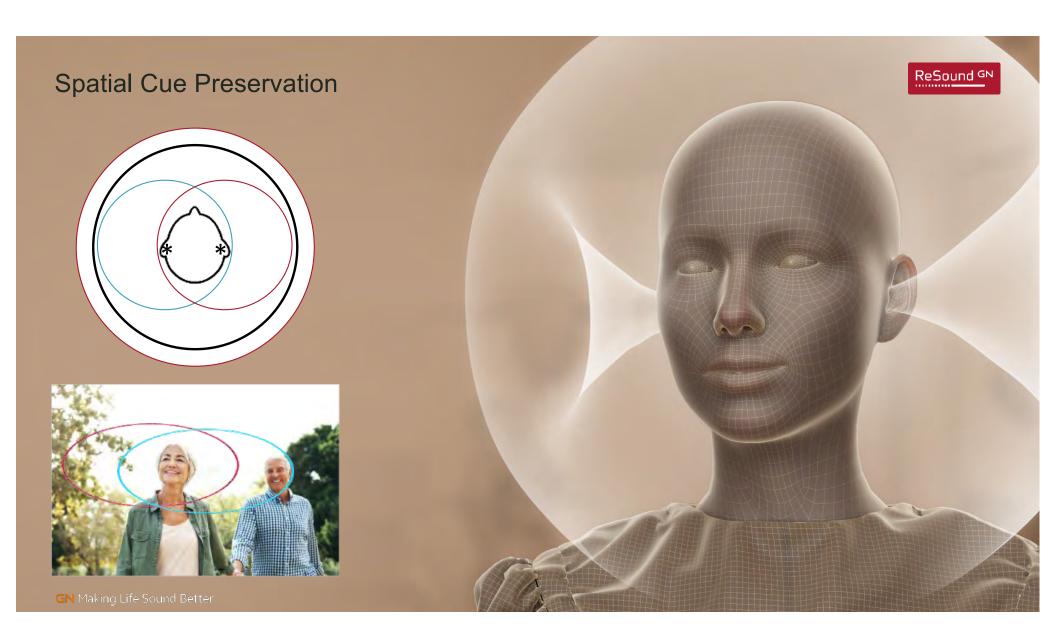












M&RIE Microphone and Receiver-In-Ear

M&RIE is inspired by our organic hearing philosophy, combines the two traditional microphones with a third that sits discreetly inside the ear canal as an integrated part of the receiver module.



GN Making Life Sound Better





M&RIE Advantages and Benefits

Improved localization

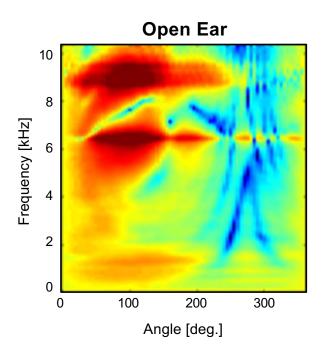
Natural sound quality

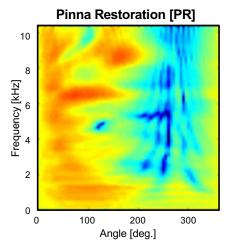
Comfort in wind

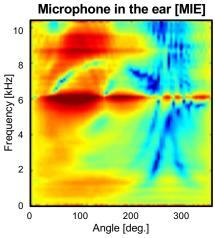


Improved Localization & Natural Sound Quality



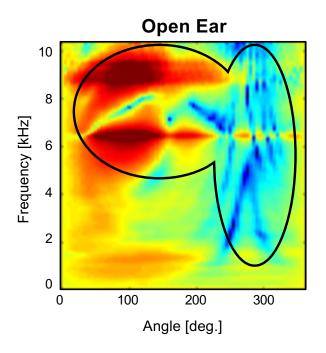


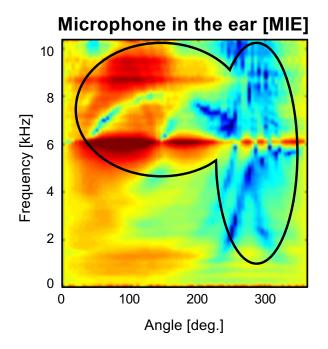




Improved Localization & Natural Sound Quality







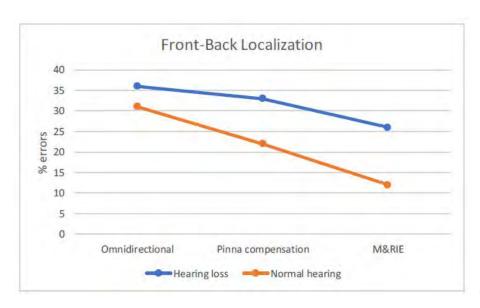


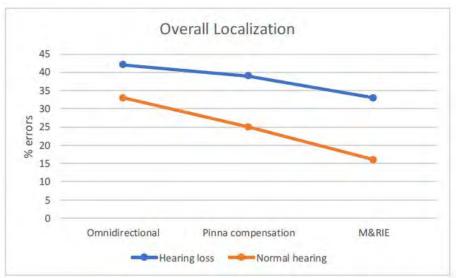
ReSound ONE

The groundbreaking M&RIE hearing solution



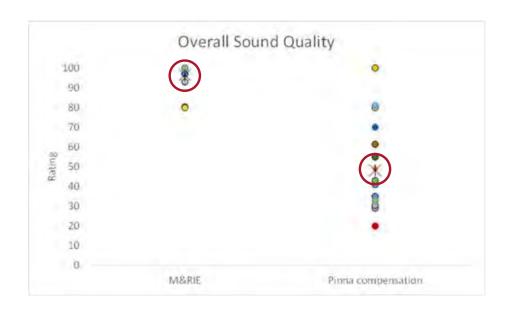
Improved localization







Natural sound quality







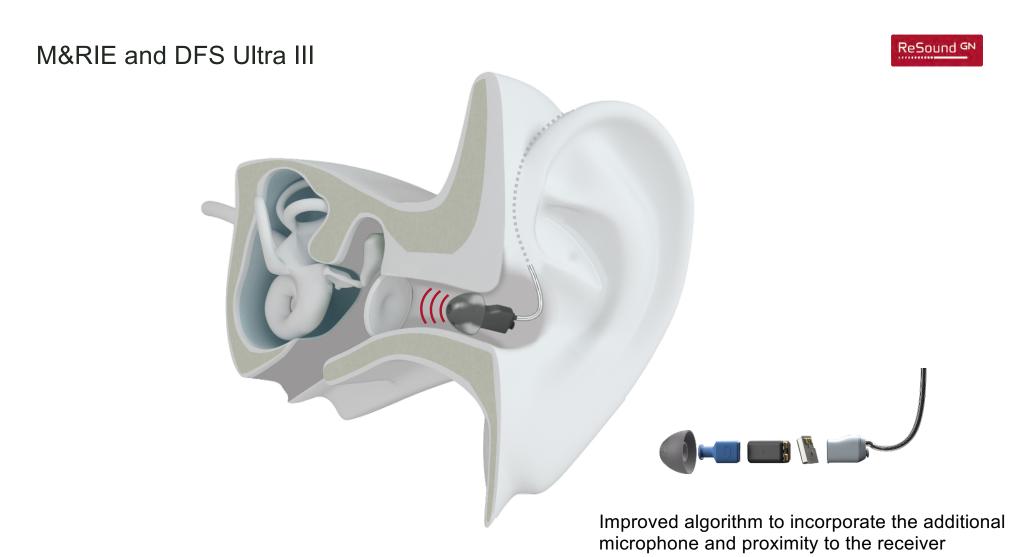
Comfort in wind

Difference in average wind noise with M&RIE compared to omnidirectional (dB)

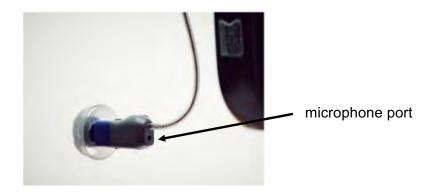


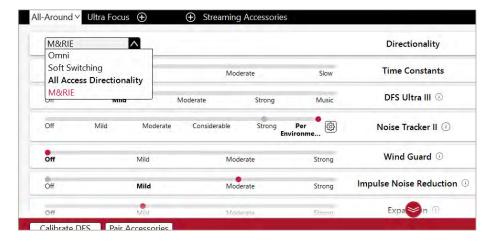
ReSound ONE

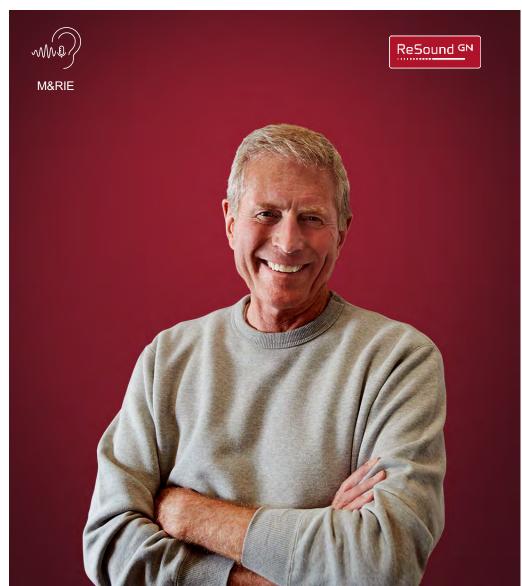
Benefits of Microphone & Receiver-In-Ear (M&RIE) in a windy environment

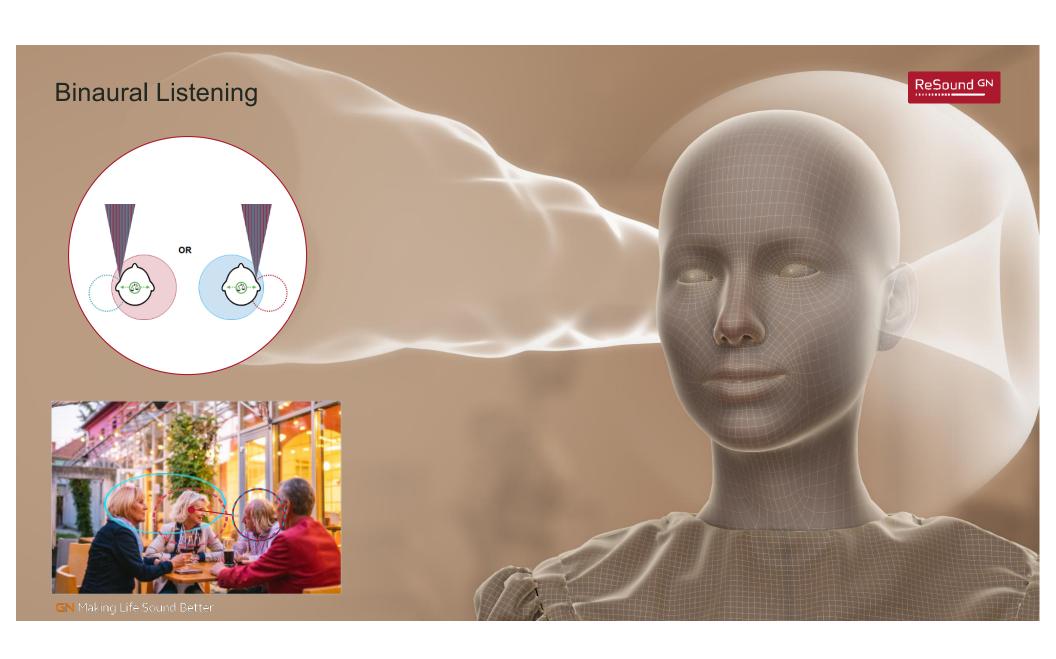


M&RIE Mode







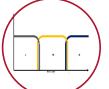




Supporting a Natural Hearing Experience



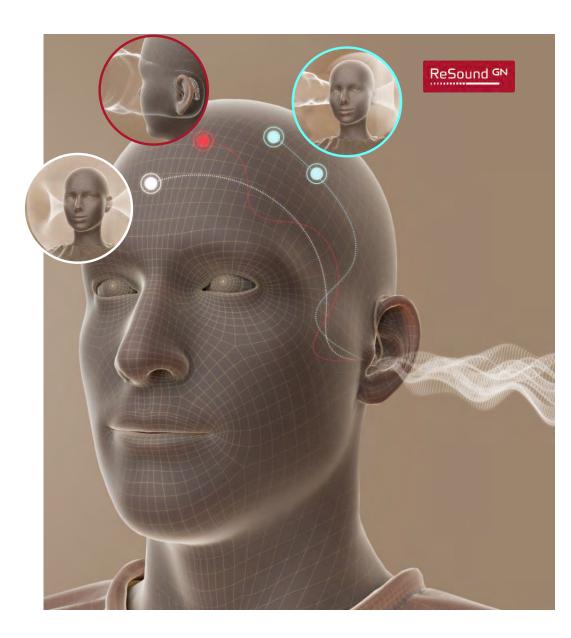
Unique application strategy



Multi-band directionality

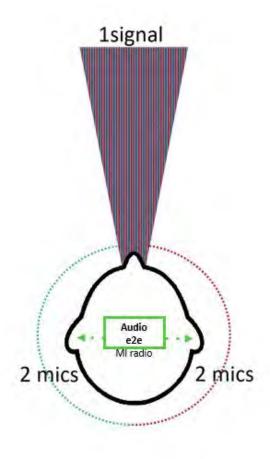


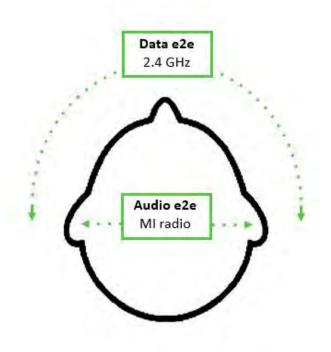
Weighted beamforming



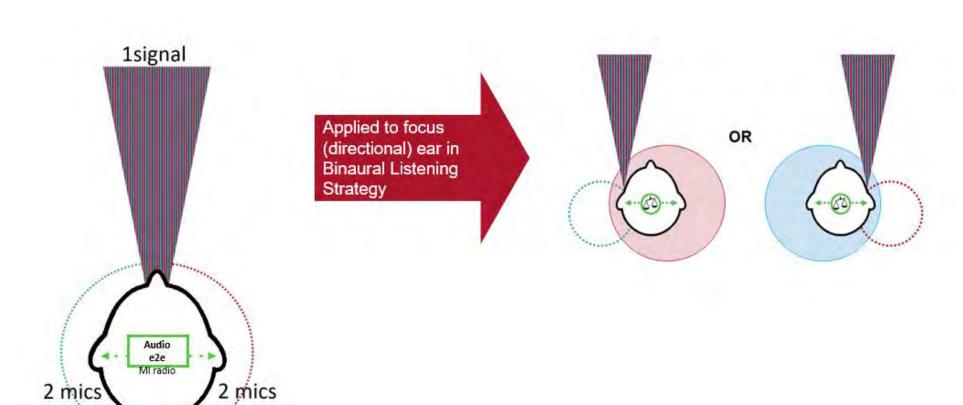




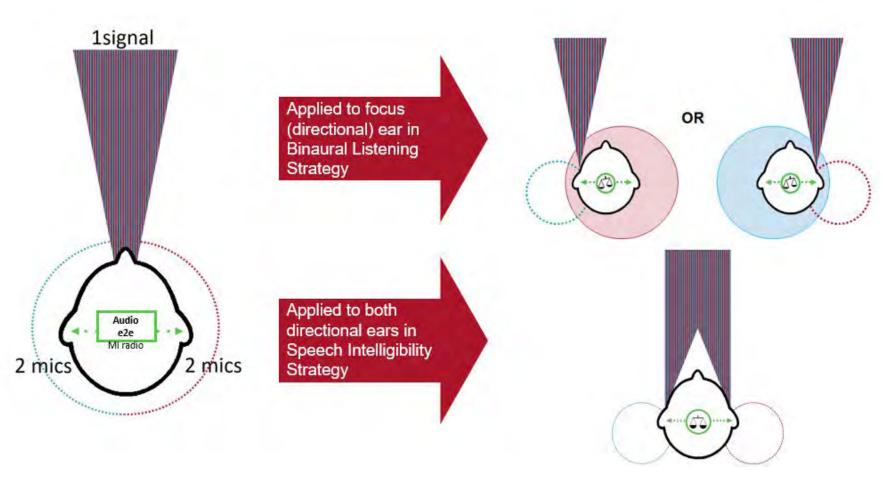






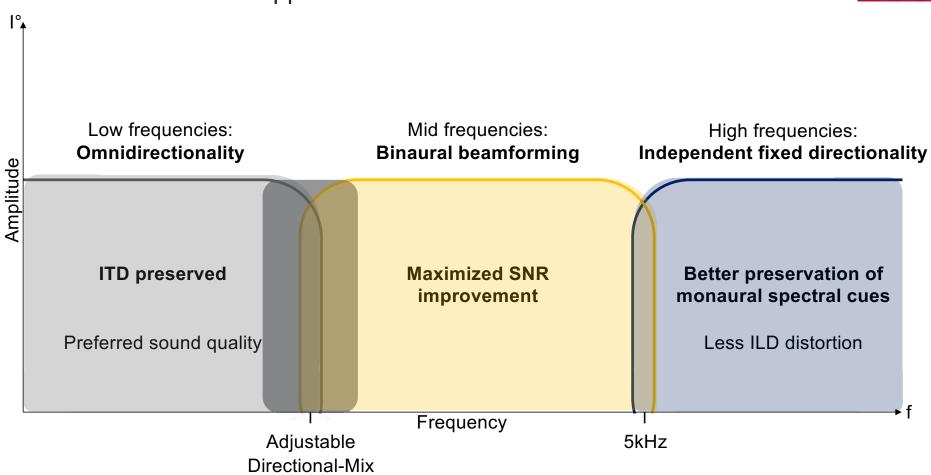






Multi-band Directional Approach



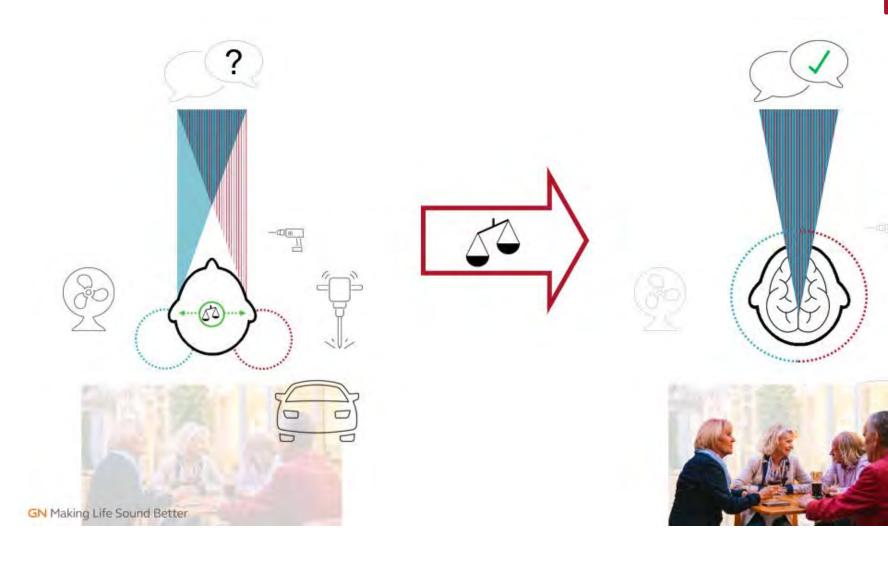


Weighted Beamformer Blending

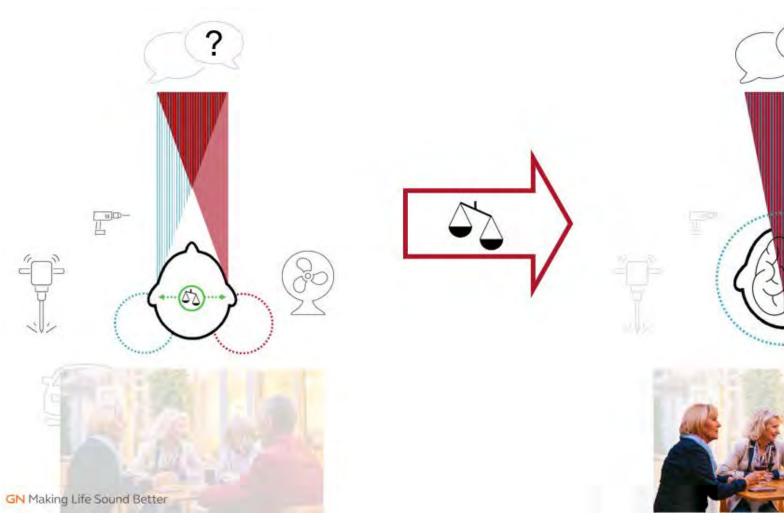


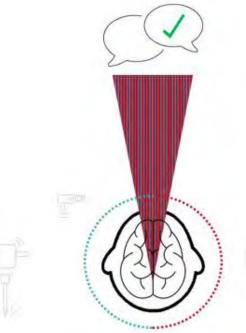








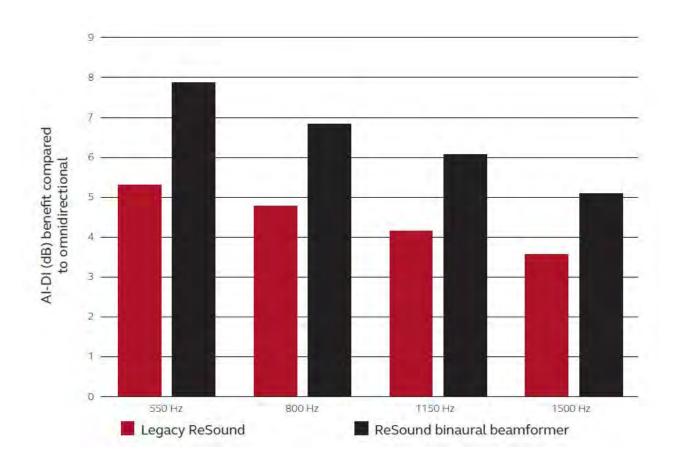






AI-DI Measurements for ReSound ONE Beamformer

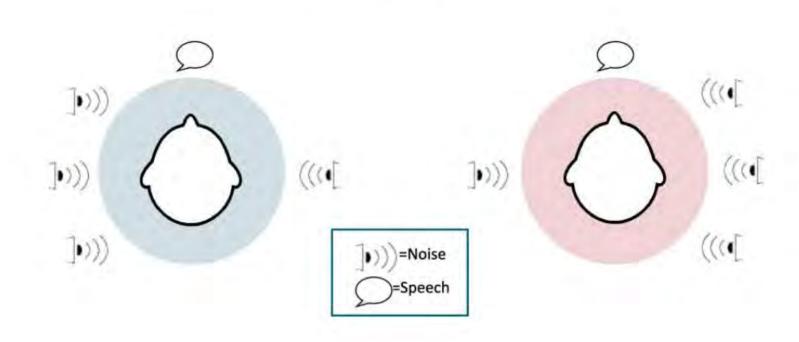




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Weighted Beamformer Blending Provides 2dB Improved Speech Performance



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All Access Directionality

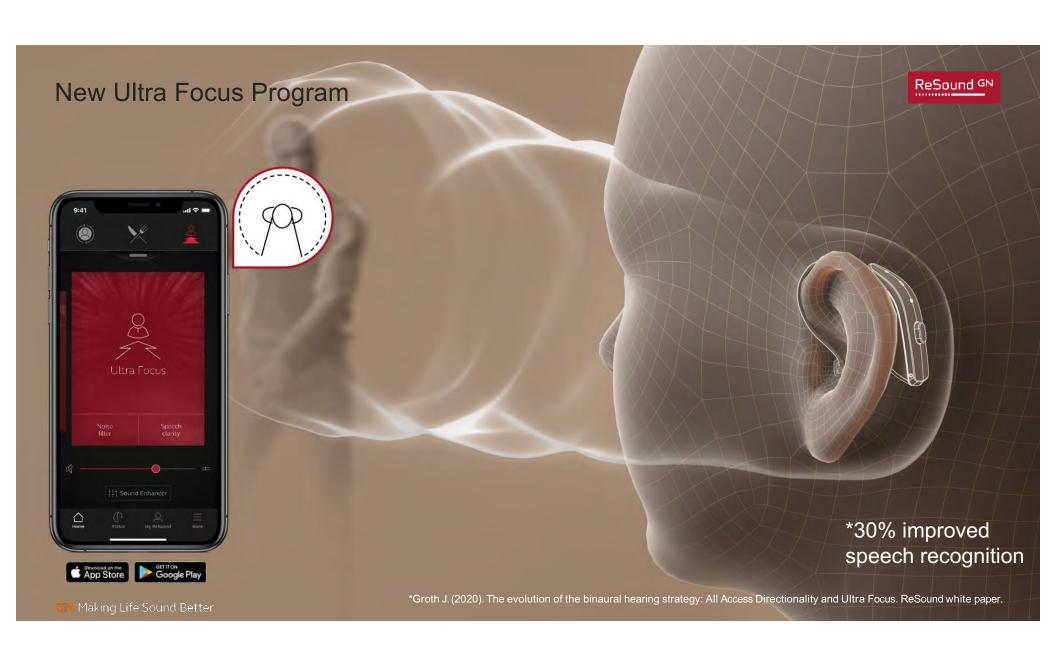






ReSound ONE

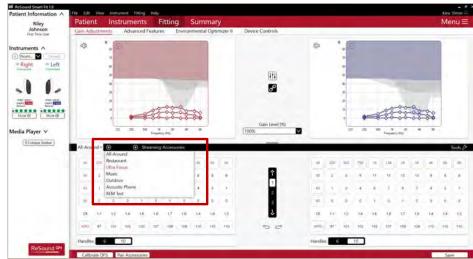
The most natural sound quality in an RIE hearing aid, in any situation

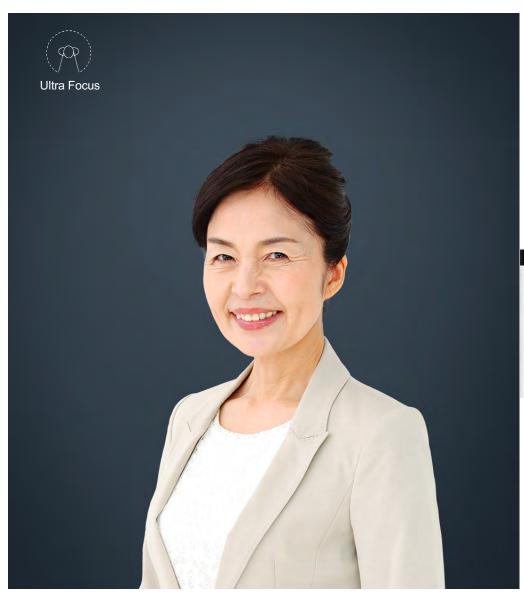




Ultra Focus

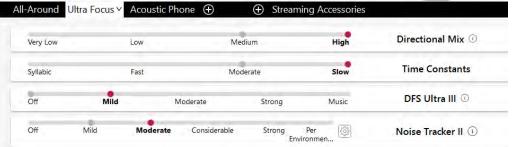






Ultra Focus





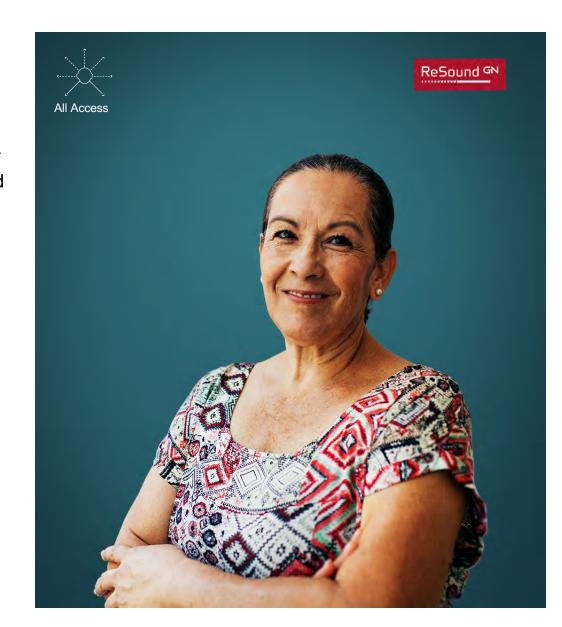


ReSound ONE

Ultra Focus for the best 1:1 hearing experience in the toughest environments

ReSound Beamforming

- ✓ Balances SNR maximization for speech in front of the patient with access to surrounding sounds and spatial cue preservation
- ✓ Is multi-band and uses weighted e2e audio blending to the less noisy ear
- ✓ Can improve the AI-DI by 2dB compared to non-weighted beamforming



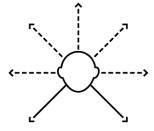
ReSound ONE Benefits



ALL ACCESS DIRECTIONALITY

BENEFITS

- Automatic
- Speech intelligibility and environmental awareness
- Beamforming for 1:1 conversation even in the toughest environments



ULTRA FOCUS

BENEFITS

- Perform better in very noisy environments 1:1 by up to 30%*
- Confidence to hear in the most difficult situations
- Patient-Controlled



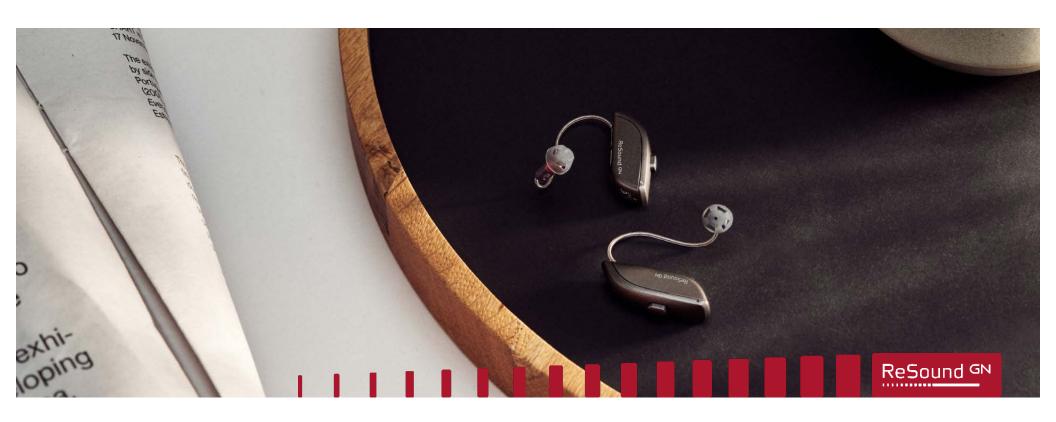
M&RIE

BENEFITS

- Greater depth and direction
- Wind Noise Reduction
- Natural Sound Quality



GN Making Life Sound Better



Questions?

ReSound Government Services 1-800-392-9932 gs.resound.com



ReSound ONE Thank you!

GN Making Life Sound Better

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