



ReSound GN

ReSound ONE

Hear like no other

GN Making Life Sound Better

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FOR PROFESSIONALS

# The world's first full-featured\* hearing aid with M&RIE

## JUST LIKE A FINGERPRINT, EACH PERSON'S HEARING IS ONE OF A KIND

Nature has designed the shape of the ear to perfectly capture the sounds around it. And because the shape of the ear is unique to the individual, the sound they hear is uniquely theirs. Unfortunately, when wearing hearing aids, this isn't the case, as most devices capture sound from behind the ear only. Needless to say, this isn't where nature intended, so sound ends up feeling standardised, unnatural and incomplete.

ReSound ONE™ with M&RIE (Microphone and Receiver-In-Ear) changes all of this, an entirely new class of hearing aids\* with a microphone and receiver positioned inside the ear, so users can collect the whole sound, just as nature intended. This breakthrough is made possible by a brand-new sound processing chipset and feedback management system. ReSound ONE gives the brain everything it needs to process sound with greater depth and direction, making it effortless to tune in and enjoy conversation, in any situation.

This is the next step to what we call Organic Hearing.

**ReSound ONE. Hear like no other.**

\*Microphone in ear and two standard directional microphones, directionality features, wireless audio streaming



## The ReSound Organic Hearing philosophy

Since its beginning, the ReSound sound philosophy has always been to emulate the natural hearing process as close as possible. We call that **Organic Hearing**. It's the foundation of our technology that leverages the individual's hearing anatomy to collect and direct sound organically to provide the brain with the most complete sound experience – even in the most challenging listening situations.

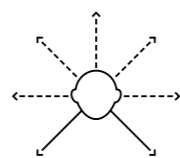


# Everything you need to give your client the most individualised hearing experience



## OUR MOST NATURAL SOUND QUALITY

The groundbreaking M&RIE\* (Microphone & Receiver-In-Ear), 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.



## ALL ACCESS DIRECTIONALITY

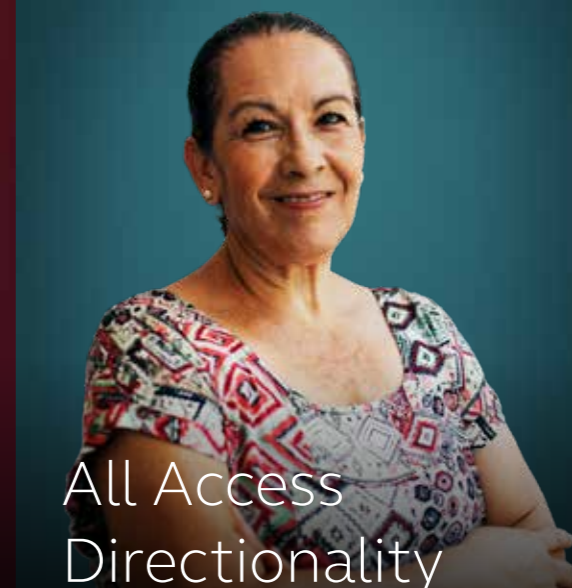
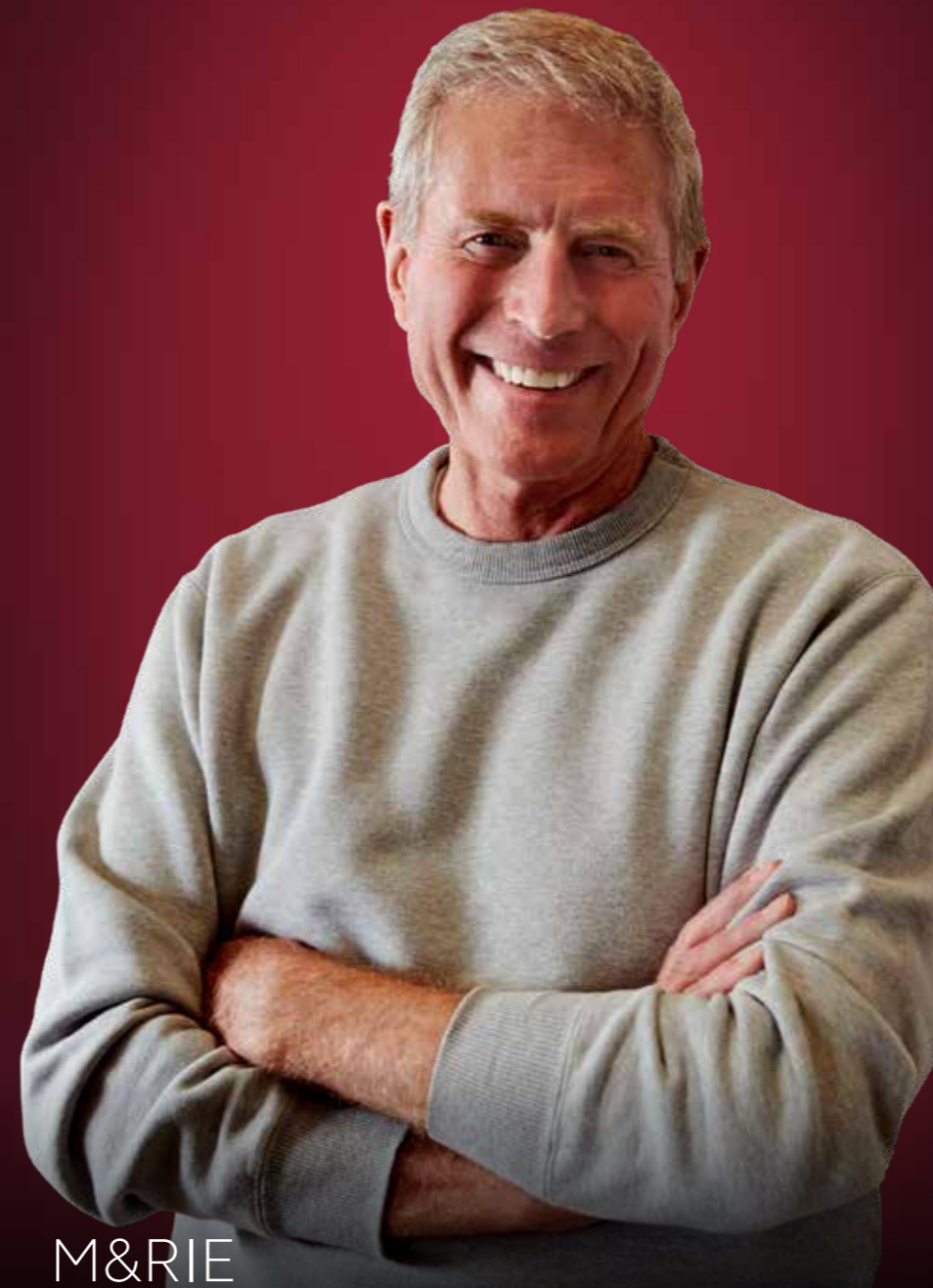
Automatically adjusts directional microphone patterns to put your clients in the best position to hear what's important and still monitor the sounds around them.



## ULTRA FOCUS

The user-controlled Ultra Focus uses a powerful directional pattern to focus on the person in front of your clients in very noisy environments.

\*Microphone in ear and two standard directional microphones, directionality features, wireless audio streaming





## Our most natural sound quality in an RIE hearing aid

The M&RIE combines the two traditional microphones with a third in the ear canal to help clients hear with more direction and depth.

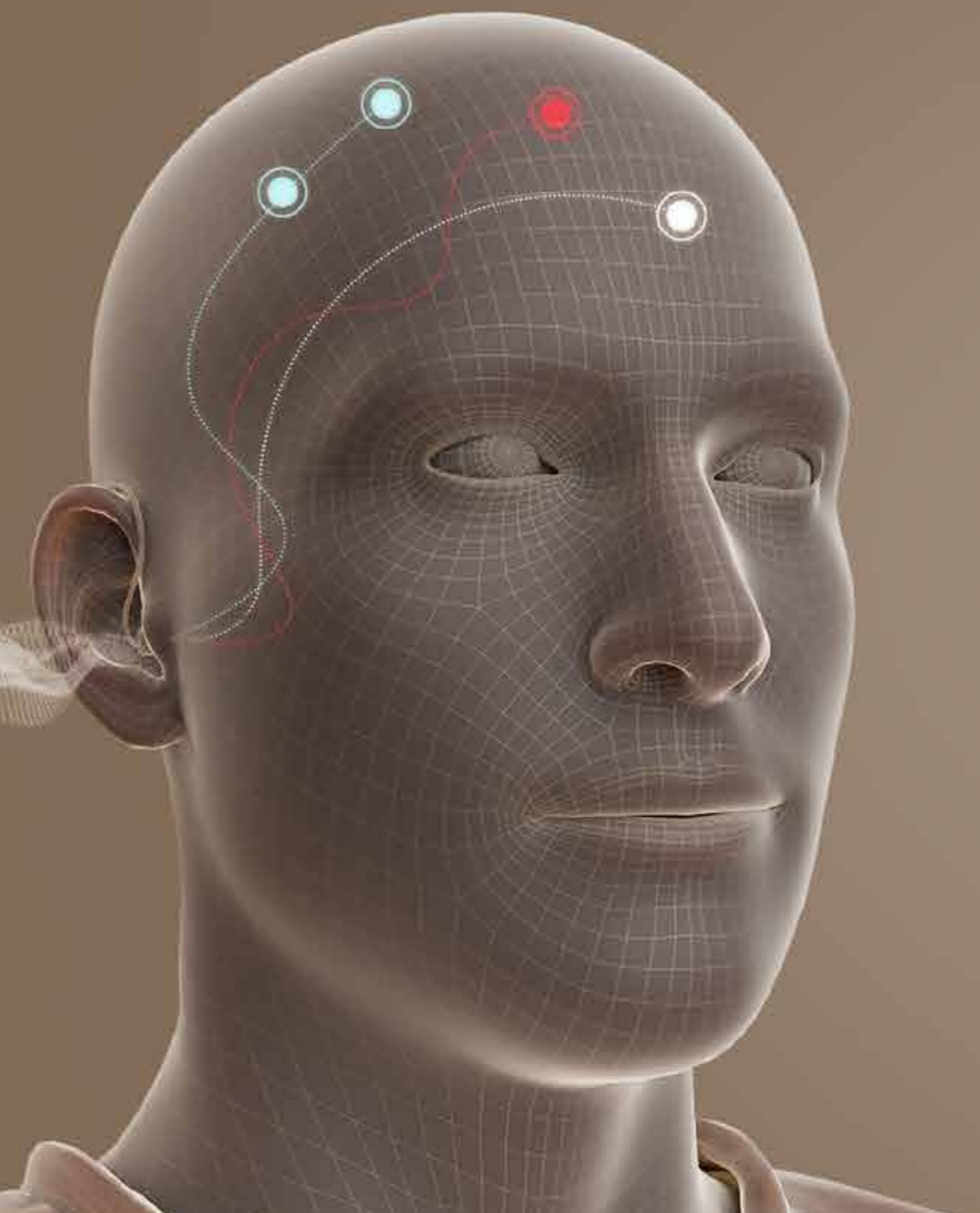
### BEST OF BOTH WORLDS

Made possible by a new, faster sound processing chipset and a new feedback management system, DFS Ultra III, this breakthrough uses the unique shape of the ear to collect sound the way nature intended.

Clients get the natural sound of custom products, combined with the advanced features and ease of use of a Receiver-In-Ear model. In fact, 90% of listeners prefer M&RIE for natural sound quality, and M&RIE users recognise sounds from the front and back 10% more accurately.

### REDUCED WIND NOISE

Having the microphone sit inside the ear canal also creates natural wind noise reduction by 15dB without reducing gain, so whether they are out for a run or just enjoying a summer day, clients can hear comfortably.



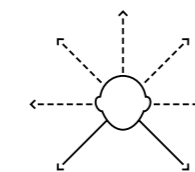
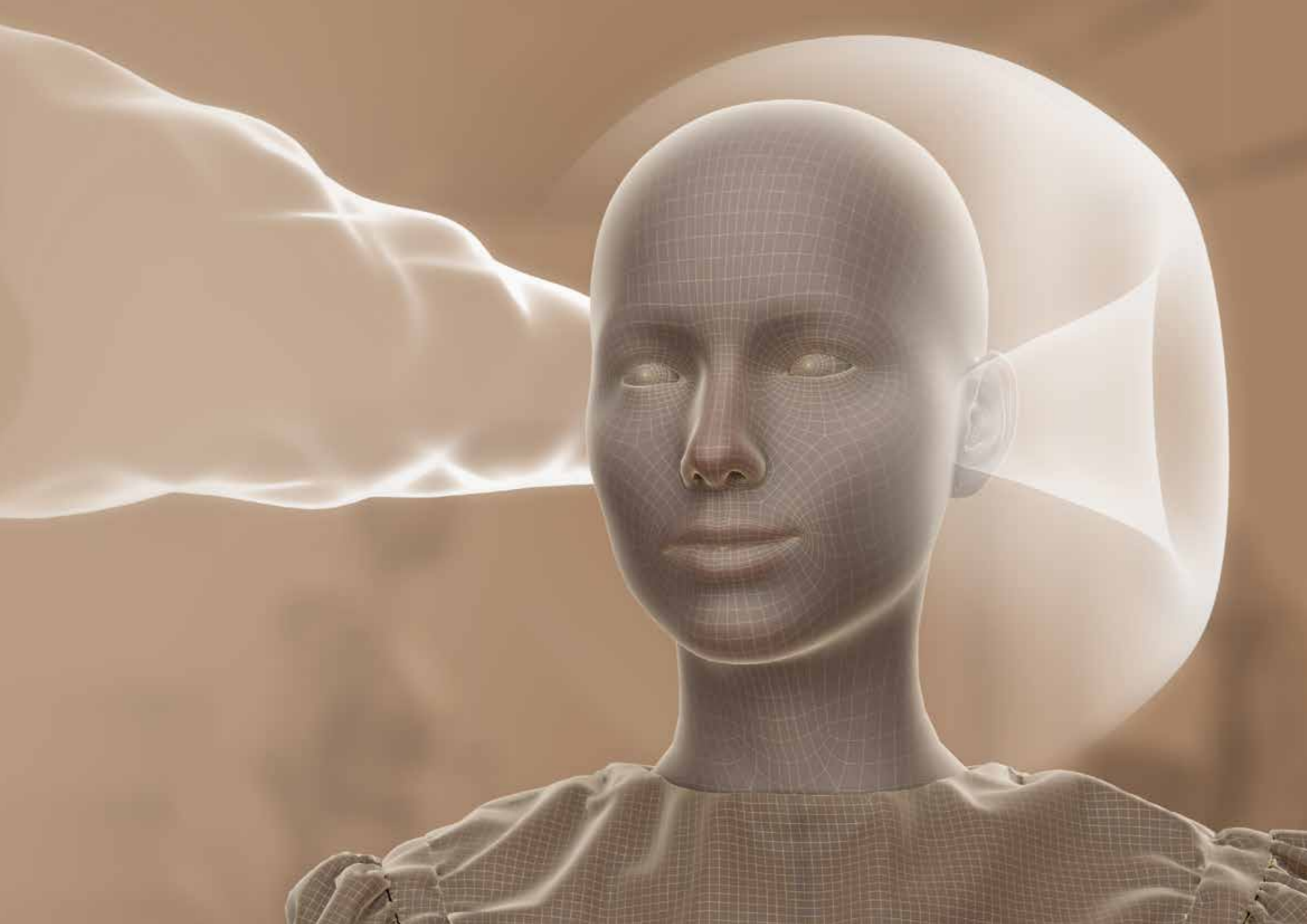
**90%** of listeners prefer\* M&RIE for natural sound quality.

**10%** more accurate sound\*\* recognition from the front and back.

**15dB** natural wind noise\*\*\* reduction without reducing gain.

\*With mild hearing loss, and compared to pinna compensation and omnidirectionality  
\*\*With mild hearing loss, compared to traditional microphone configurations  
\*\*\*Compared to omnidirectionality  
Source: Groth J. (2020). An innovative RIE with microphone in the ear lets users "hear with their own ears". ReSound white paper.





**All Access Directionality**

## Greater hearing in any environment

Inspired by our Organic Hearing philosophy, All Access Directionality automatically adjusts directional microphone patterns to put your clients in the best and most natural position to hear what's important and still monitor the sounds around them. By allowing them to access more sounds than most hearing aids, it lets their brains, not their hearing aids, classify what is important, so they can feel at ease and engage effortlessly with others and their changing surroundings.

### **BETTER PERFORMANCE IN NOISE**

In noisier situations, All Access Directionality utilises a new binaural connection to create a stronger, more focused beam for sounds in front of the listener. Compared to traditional directionality, it provides up to 2dB better signal-to-noise ratio.

### **ALL ACCESS DIRECTIONALITY AND M&RIE WORKING AS ONE**

ReSound ONE monitors the listening situation and automatically switches among M&RIE and the different directional modes in All Access Directionality to ensure that your clients have the most optimised settings to hear their best in any situation.

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**2dB** better signal-to-noise ratio,  
compared to traditional  
directionality.\*

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\*Vs. our legacy products, depending on hearing loss  
Source: Groth J. (2020). The evolution of the binaural hearing strategy: All Access Directionality and Ultra Focus. ReSound white paper



Ultra Focus

## Great one-to-one hearing experience in the toughest environments

The user-controlled Ultra Focus uses a powerful combined directional pattern from both hearing aids to focus on the person in front of your client. When they need extra help in very noisy environments, it provides a 30% improvement in speech understanding over All Access Directionality. Ultra Focus prioritises sound from the side with the least noise to make the speech as clear as possible. This unique feature gives up to 1.5dB signal-to-noise ratio improvement when noise is louder on one side. While speech is made clearer, Ultra Focus can still help clients maintain spatial cues around them, by using the speech frequencies for the targeted directionality in front and the high and low frequencies to monitor the environment.

### EASY TO ACTIVATE WHEN THEY NEED IT MOST

Clients can choose Ultra Focus via the ReSound Smart 3D™ app or the program button on their ReSound ONE hearing aids for strong directionality. It's ideal for one-to-one conversations in very noisy situations, like a food hall, taxi ride with music and traffic noise, or service counter at a crowded airport. Ultra Focus can give clients renewed confidence in situations, which they might otherwise have avoided.

\*Source: Groth J. (2020). The evolution of the binaural hearing strategy: All Access Directionality and Ultra Focus. ReSound white paper.

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30%

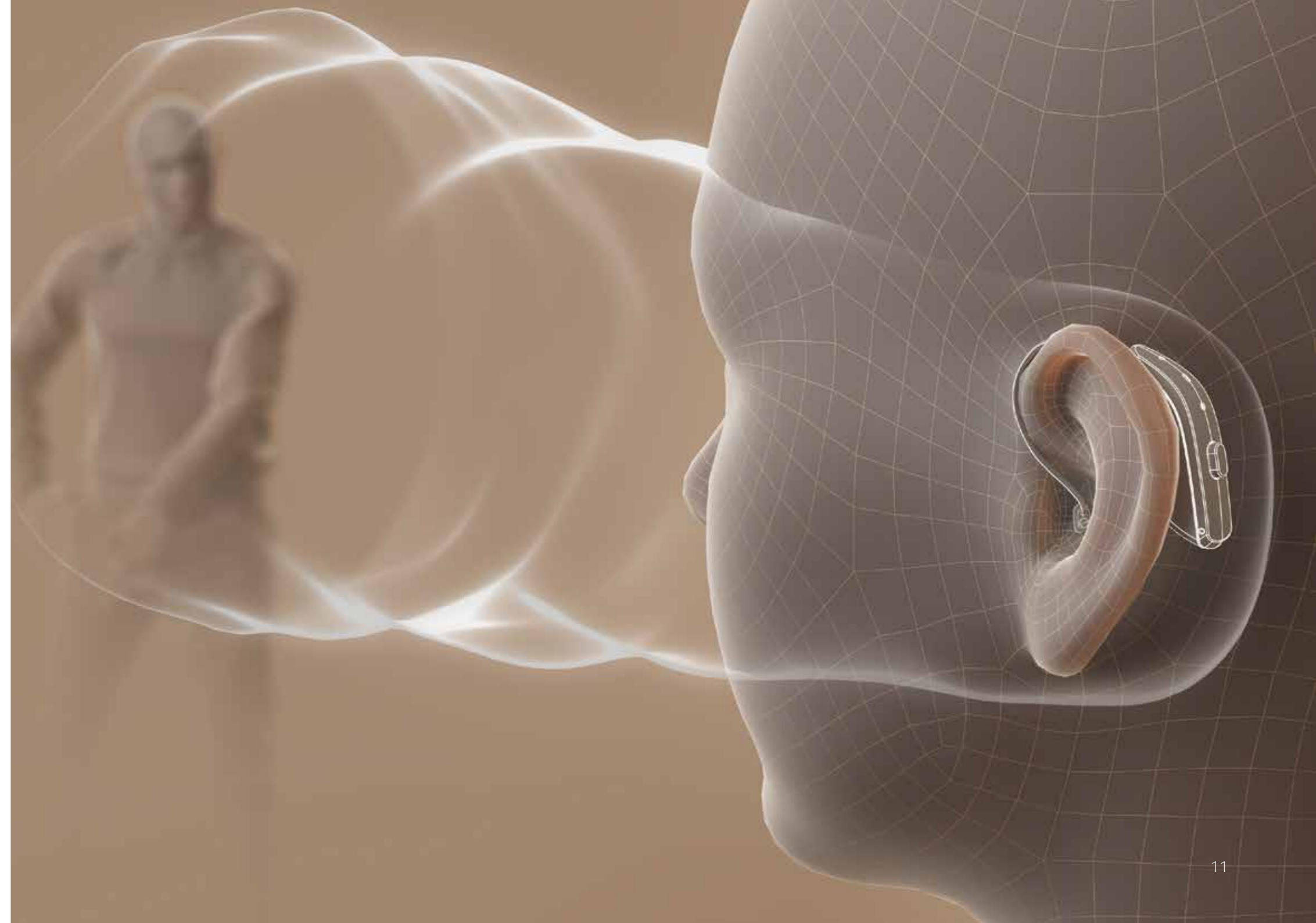
improvement in speech understanding over All Access Directionality.\*

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1.5dB

signal-to-noise ratio improvement when noise is louder on one side.\*

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RIE62 13 Battery model

RIE61 Rechargeable model

RIE61 312 Battery model

## Adapts to your clients' needs

With a new modern design and new range of attractive colours, new receivers with enhanced dome security, wireless calls, audio streaming from iPhone and Android™ smartphones, and great rechargeable battery life for worry-free all day usage, plus a more accurate, comfortable, and individualised first fit, ReSound ONE adapts to your clients' lives and makes it easy for them to connect to the world around them.



Warm Grey



Sparkling Silver



Graphite



Deep Black



Gold



Espresso

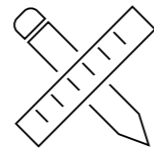


Champagne



Bronze

Designed with a purpose - your client



Design

## Designed for ultimate comfort, discretion and performance

### COMFORT AND DISCRETION

Every detail of ReSound ONE was designed with one purpose – the unique individual. Built for ultimate adaptability, the modern styling has just one comfortable touchpoint on the back of the ear, sits lower for greater discretion, and comes in a variety of colours to blend with hair and skin tones.

### GREAT PERFORMANCE

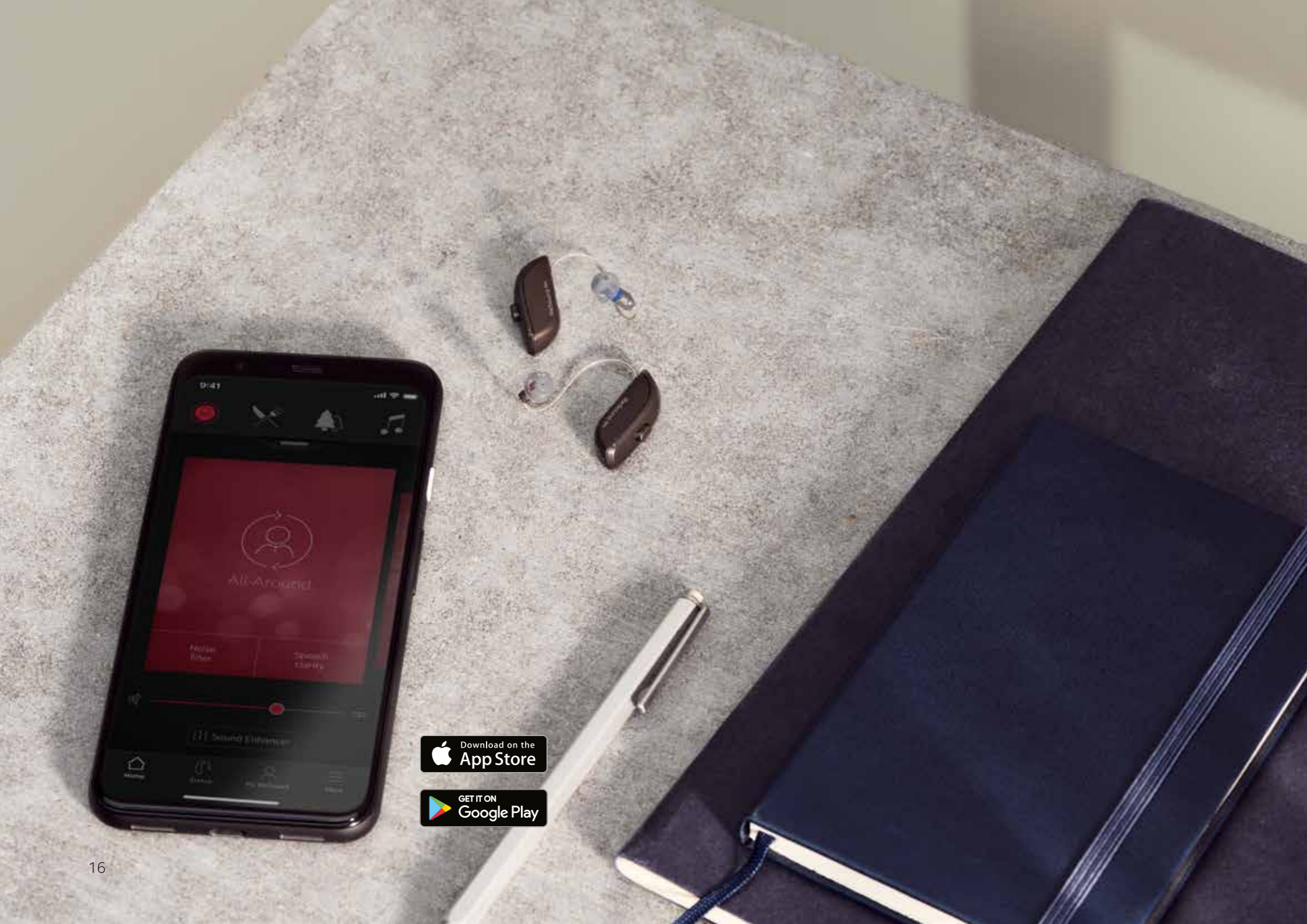
For added flexibility, two different charger options serve as stylish, portable and protective cases, ideal for travelling and storage. The Premium Charger includes an onboard battery for up to three days of on-the-go portable charging, without the need for a power outlet, and the smaller Standard Charger gives clients the power they need in a simple, timeless design.

The new receiver design with enhanced dome security makes it easier to fit and easier for your clients to wear. Designed to the IP68 standard, with iSolate nanotech coating inside and out, ReSound ONE is resistant to water, dust and dirt, so they can rely on it throughout every day.



Premium Charger





Download on the  
**App Store**

GET IT ON  
**Google Play**



**Rechargeability & Connectivity**

## Unmatched rechargeability and extensive connectivity to adapt to clients' needs

### THE POWER THEY NEED

ReSound ONE offers a rechargeable solution with the longest battery life in the industry, for well over a day of worry-free use. The 312 and 13 battery versions offer improved performance over previous models, so no matter which one you choose for your clients, they can be assured that ReSound ONE keeps working for them throughout their entire day.

Made for  
**iPhone | iPad | iPod**

Works with  
**android**

### A COMPLETE WIRELESS ECOSYSTEM

The long battery life enables ReSound ONE to adapt to clients' lifestyles as it simply connects them to their iPhone and Android smartphones and the world around them with wireless calls and direct audio streaming, via the stable Bluetooth® Low Energy.

Access to the ReSound Smart 3D app and a versatile range of wireless accessories give them even more options to connect to the sounds they enjoy every day.



Phone Clip+

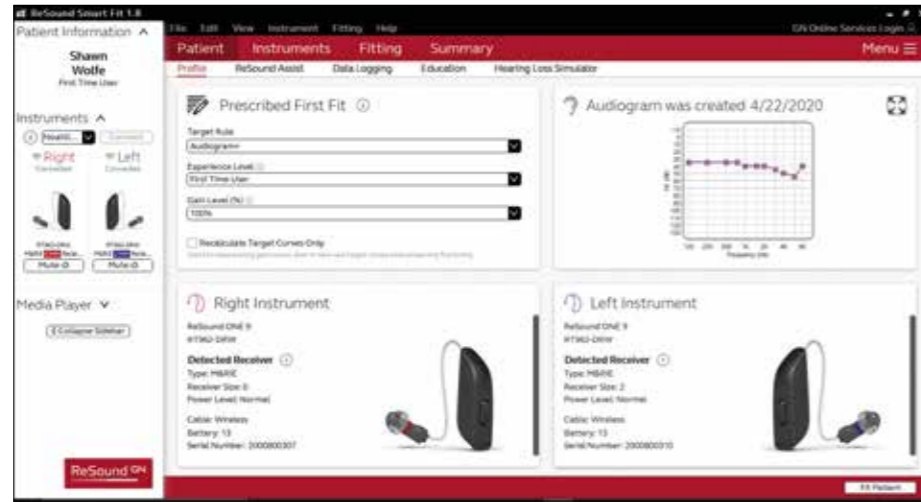
Multi Mic

Micro Mic

TV Streamer 2

Remote Control 2

Remote Control



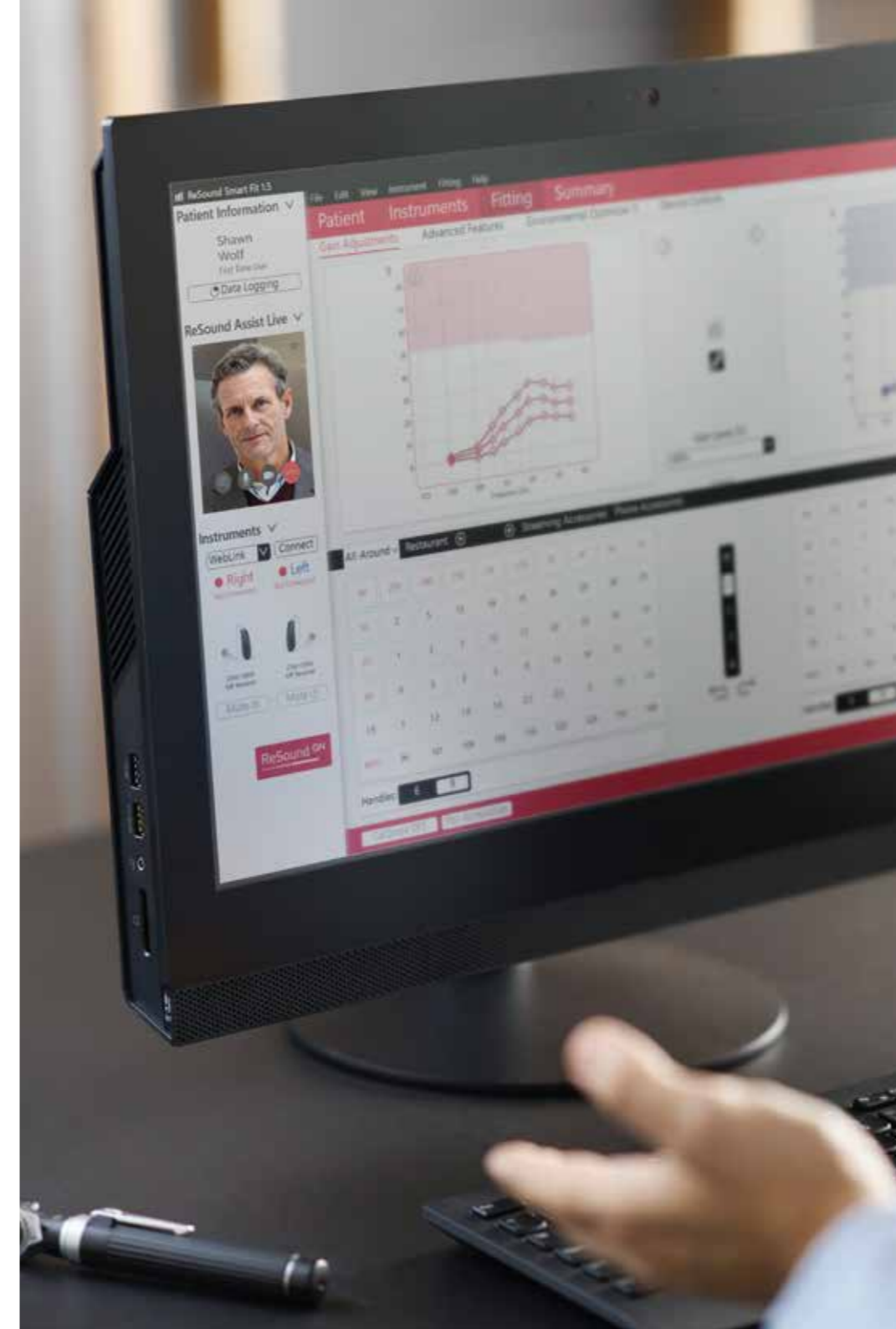
ReSound Smart Fit

## An accurate, comfortable, and individualised first fit and beyond

The new and unique personalised feature prescriptions in ReSound Smart Fit™ are guided by peer-reviewed research on how to optimise advanced sound processing features. It can give you a better starting point ReSound ONE, to help decrease the need for fine-tuning. The ability to adjust gain percentage also helps you create the most comfortable first fit for your clients. A better start can lead to more client satisfaction and less returns.

### EASE THROUGH FITTINGS

The ReSound Smart Fit flow is more intuitive than ever with Automatic Receiver Detection. When you connect ReSound ONE, the receiver is detected and the receiver specific calibration data is applied to the fitting. ReSound Smart Fit guides you through the process to make fittings more efficient.



ReSound Assist and ReSound Assist Live

## More connections for better care

With ReSound Assist and ReSound Assist Live, ReSound ONE gives you two powerful ways to serve and engage with your clients to provide better care, even if circumstances do not allow clients to be onsite with you. You'll be able to deliver more accessibility and the best possible fitting, counselling and support for your clients in the most convenient and safest way possible.

### WHEN CLIENTS CAN'T GET TO YOU, BRING THE CARE TO THEM

When clients are unable to travel to your clinic, ReSound Assist Live video appointments give you a convenient solution for remote fine-tuning and fitting via ReSound Smart Fit. It's as easy as answering a call on their iPhone or Android smartphones. It includes at-home in-ear testing capabilities to give you the ability to offer the broadest range of services. You can send a trial set of hearing aids directly to their home, and with remote support, you can conduct a hearing assessment and immediately fit and fine-tune new hearing aids, ensuring the best possible individualised sound. When possible, clients can follow up with an in-clinic consultation.



Model M&RIE (MM Receiver)	RT961-DRW RT961-DRWC RT962-DRW	RT761-DRW RT761-DRWC RT762-DRW	RT561-DRW RT561-DRWC RT562-DRW
<b>Device Configurations</b>			
Battery size 61-DRW	312 Zinc-Air		
Battery size 61-DRWC	Rechargeable Lithium-Ion		
Battery size 62-DRW	13 Zinc-Air		
Receiver Options	MM		
Control Options	PB (61-DRW and 61-DRWC), Multi-Function button (62), Telecoil (62)		
IP Classification	IP68		
<b>Audiological Features</b>			
Number of Channels	17	14	12
All Access Directionality	●	-	-
M&RIE	●	-	-
Ultra Focus	●	-	-
Synchronised Soft Switching	●	●	●
Environmental Optimiser II	●	-	-
Environmental Optimiser I	-	●	●
Noise Tracker II	5 settings	3 settings	2 settings
Expansion	3 settings	2 settings	On/Off
Impulse Noise Reduction	3 settings	2 settings	On/Off
Wind Guard	3 settings	2 settings	On/Off
DFS Ultra III (w/ Music Mode)	●	●	●
Synchronised Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
<b>Functional Features</b>			
Ear to Ear Communication	●	●	●
Direct audio streaming	●	●	●
ReSound TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Smart 3D app	●	●	●
Sound Enhancer (ReSound Smart 3D app)	●	-	-
<b>ReSound Assist</b>			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
ReSound Assist Live	●	●	●
<b>Fitting Features</b>			
Fitting Software ReSound Smart Fit 1.12 or higher	●	●	●
Max Gain Handles	17	14	12
Fully Flexible Programs	4	4	4
Datalogging	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●
Automatic Receiver Detection	●	●	●



RT61-DRW



RT61-DRWC



RT62-DRW

Model (Standard Receivers)	RT961-DRW RT961-DRWC RT962-DRW	RT761-DRW RT761-DRWC RT762-DRW	RT561-DRW RT561-DRWC RT562-DRW
<b>Device Configurations</b>			
Battery size 61-DRW	312 Zinc-Air		
Battery size 61-DRWC	Rechargeable Lithium-Ion		
Battery size 62-DRW	13 Zinc-Air		
Receiver Options	LP, MP, HP, UP		
Control Options	PB (61-DRW and 61-DRWC), Multi-Function button (62), Telecoil (62)		
IP Classification	IP68		
<b>Audiological Features</b>			
Number of Channels	17	14	12
All Access Directionality	●	-	-
Spatial Sense	●	-	-
Ultra Focus	●	-	-
Binaural Directionality III	-	●	-
Binaural Directionality	-	-	●
Synchronised Soft Switching	●	-	-
Environmental Optimiser II	●	-	-
Environmental Optimiser I	-	●	●
Noise Tracker II	5 settings	3 settings	2 settings
Expansion	3 settings	2 settings	On/Off
Impulse Noise Reduction	3 settings	2 settings	On/Off
Wind Guard	3 settings	2 settings	On/Off
Sound Shaper	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●
Synchronised Acceptance Manager	●	●	●
Tinnitus Sound Generator	●	●	●
<b>Functional Features</b>			
Ear to Ear Communication	●	●	●
Direct audio streaming	●	●	●
ReSound TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Smart 3D app	●	●	●
Sound Enhancer (ReSound Smart 3D app)	●	-	-
<b>ReSound Assist</b>			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
ReSound Assist Live	●	●	●
<b>Fitting Features</b>			
Fitting Software ReSound Smart Fit 1.12 or higher	●	●	●
Max Gain Handles	17	14	12
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Datalogging	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●
Automatic Receiver Detection	●	●	●



RT61-DRW

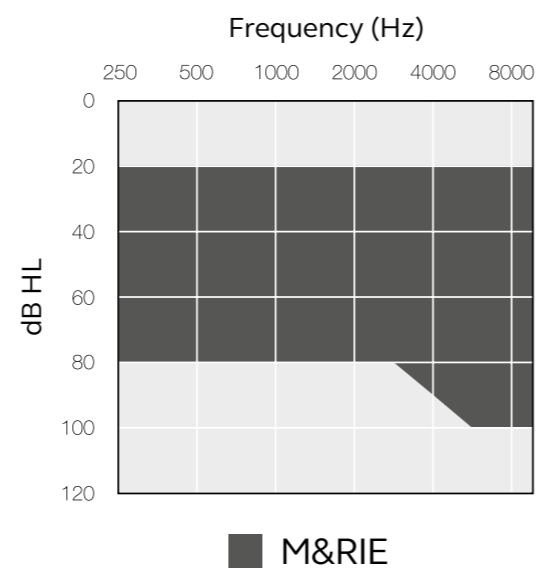
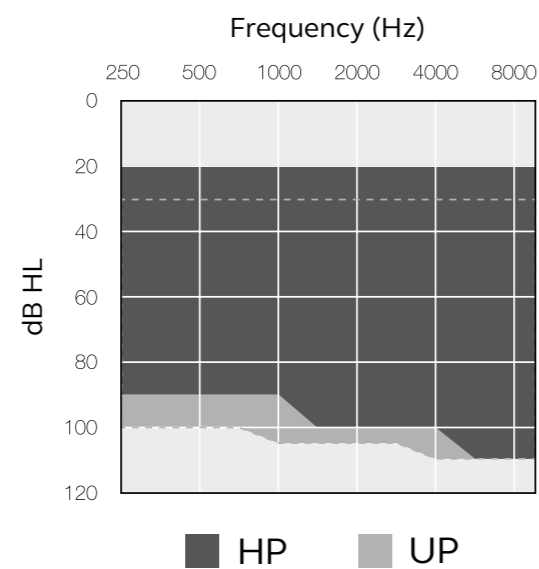
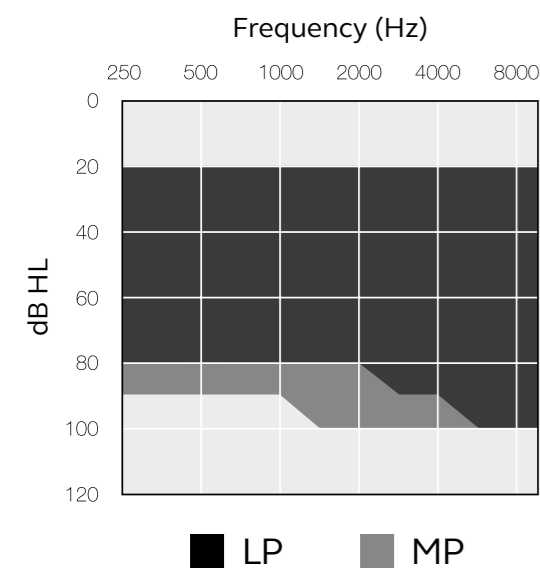


RT61-DRWC



RT62-DRW

## Fitting range



## Chargers



Technical data	Premium Charger	Standard Charger
Dimensions	99.4 x 35 x 67.5 mm / 3,9 x 1.4 x 2.7"	100.2 mm x 42 mm x 54.8 mm / 3.9 x 1.7 x 2.2"
Weight	145 gram / 5.1 oz	95 gram/ 3.3 oz
Power Supply	USB power supply, 5 V	N/A
Power Connector	USB	USB
Internal Power Source	Rechargeable Lithium Ion battery, 3.7 V, 2600 mAh	N/A
Charging time for internal lithium ion battery in Charger	Max 3,5 hours, depending on initial state of the battery	N/A
Battery life (fully charged, not connected to mains power)	Min. 3 full charges of 2 hearing instruments, Without hearing instruments: 12 months	N/A
Charging time for Hearing Instrument	Maximum 3 hours, depending on initial state of the battery	Maximum 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz and 333 kHz	2.4 GHz and 333 kHz
ESD tolerance	According IEC 61000-4-2 Electrostatic discharge immunity test standard	According IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	0 to 40 °C / 32 to 104 °F	0 to 40 °C / 32 to 104 °F
Storage temperature for charger and Hearing Instrument	-20 to 45 °C / -4 to 113 °F	-20 to 45 °C / -4 to 113 °F





At ReSound we believe life is lived best when it's a natural, effortless flow. This means we take anything that holds you back to heart and will always strive to help you and your clients connect to a life without limitations. We have devoted the past 150 years to advancing lives through technical innovations that, inspired by our Organic Hearing philosophy, place you and your clients at the centre of everything we do, because hearing and hearing care is as individual as a finger-print.


ReSound is part of the GN Group – pioneering great sound from world-leading ReSound hearing aids to Jabra office headsets and sports headphones. The GN Group was founded in 1869, employs over 5,000 people, and is listed on NASDAQ OMX Copenhagen.

Find out how you can help your clients hear like no other with ReSound ONE.

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**Absolute Hearing Solutions LLC**  
absolutehearing@att.net

750 Cross Pointe Road Suite F  
Gahanna, Ohio 43230

Phone: 614-452-4280  
Toll Free: 888-803-2159  
Fax: 614-577-0481

[www.absolutehearingsolutions.com](http://www.absolutehearingsolutions.com)

#### Worldwide Headquarters

GN Hearing A/S  
Lautrupbjerg 7  
DK-2750 Ballerup, Denmark  
Tel.: +45 4575 1111  
[resound.com](http://resound.com)

#### United Kingdom

GN Hearing UK Ltd.  
Kirtlington Business Centre  
Portway, Kirtlington  
Oxon OX5 3JA  
Tel.: +44 1869 352 800  
[resound.com](http://resound.com)

#### Australia

GN Hearing Australia Pty Ltd  
Gate C, 19-25 Khartoum Road  
Macquarie Technology Park  
Macquarie Park NSW 2113  
Tel.: (free) 1800 658 955  
[resound.com](http://resound.com)

#### New Zealand

GN Hearing New Zealand Limited  
Ground Floor, North Entrance  
4 Fred Thomas Drive  
Takapuna, Auckland, 0622  
Tel.: (free) 0800 900 126  
[resound.com](http://resound.com)

#### Singapore

GN Hearing Pte. Ltd.  
456 Alexandra Road,  
#22-01,  
Singapore 119962  
Tel: +65 6320 9388  
[resound.com](http://resound.com)