

ReSound Portfolio

Hearing solutions to delight your clients

GN Making Life Sound Better

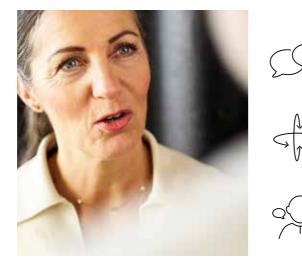
Organic Hearing

Sounds natural, feels natural and connects you naturally to the world

We want people with hearing challenges to connect to the world around them in the most natural and intuitive way. Our goal is that using hearing aids feels as natural as possible. For this, we balance nature with science in perfect harmony, designing hearing solutions that perfectly fit the user's life, organically, instead of requiring them to fit their life around their hearing loss



Sounds natural



Exceptional speech understanding in noise^{*1}

Hearing clarity all around¹

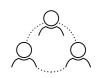
Natural own voice perception²

Emulating the natural hearing process and the natural ways we listen as closely as possible, helping the brain to hear as nature intended.

Helping people focus on conversations and locate sounds all around them in the noisiest situations. Using each unique ear shape to collect sound inside the ear to deliver a more natural hearing experience.

*Compared to our legacy technology ¹. Jespersen et al (2022) ². Groth et al (2022)

Feels natural



Connects you naturally





All-weatherproof design

Rechargeable for all-day use

Adapts organically to the person for the best wearing comfort all day long, with ease of use.

Minimising physical effort with easy rechargeability and all-weatherproof designs. Enhancing comfort with ergonomic hearing aids that fit the user's ears and life.



Inspired by the way we intuitively interact with people and devices in our daily lives.

Hearing music and taking calls from mobile devices, just like with wireless earbuds. Offering personalisation via our popular app and hearing care from anywhere.

Check device compatibility at resound.com/compatibility

**ReSound hands-free calls are compatible with iPhone 11 or later, iPad Pro 12.9-inch (5th generation), iPad Pro 11-inch (3rd generation), iPad Air (4th generation), iPad mini (6th generation) or later, with software updates iOS 15.3 and iPadOS 15.3 or later.

The confidence to help all clients



Sounds natural



Feels natural



Connects you naturally

 Made for hearing in noise 150% improvement to speech understanding² Designed for natural own voice perception³ 	 Our best wearing comfort All-weatherproof designs, including rechargeable styles All-day battery power on 1 charge – even when streaming 100% of the time* 	 Robust connectivity with twice the performance⁵, for uninterrupted streaming Crystal clear calls, including hands-free calls for iPhone and iPad** Made for iPhone and iPad and works with Android[™] devices
 10% more accurate sound localisation from the front and back⁴ Great 1:1 conversations Natural sound 	 Designed for optimal comfort on the ear All-weatherproof design Rechargeable RIE, BTE and custom-made styles for all-day use 	 Crystal clear phone calls Hands-free calls for iPhone and iPad** Greater connectivity with high-quality sound for uninterrupted streaming and calls from iPhone, iPad and Android devices
 Distortion-free sound experience with an input dynamic range of up to 116 dB SPL Great localisation of sounds More hearing comfort in noise 	 Robustly designed to keep the user hearing All-weatherproof design Battery performance optimised by 20% for days of battery power 	 Boost speech understanding by 50% for clearer phone calls⁶ Excellent streaming from iPhone, iPad or Android devices Perfectly complements Cochlear[™] implants
 Improved signal-to-noise ratio while surroundings remain audible Feedback-free sound even in changing environments 	 Easy hearing control on the hearing aids Days of battery power and a rechargeable RIE style for all-day use 	 Excellent streaming from iPhone, iPad or Android devices Easy app control at your fingertips

⁴. With mild hearing loss, compared to omnidirectionality. Groth (2020)

styles. Battery life can vary by use.

**ReSound hands-free calls are compatible with iPhone 11 or later, iPad Pro 12.9-inch (5th generation), iPad Pro 11-inch (3rd generation), iPad Air (4th generation), iPad mini (6th generation) or later, with software updates iOS 15.3 and iPadOS 15.3 or later.

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Control options



ReSound Smart 3D app App Control Access to controls at all times



Connectivity options



Direct audio streaming

From iPhone, iPad or

Android devices



ReSound Micro Mic

For 1:1 conversations

even in background noise







ReSound Phone Clip+ Take calls with any Bluetooth enabled phone





ReSound Remote Control

ReSound Remote Control 2

Control at your fingertips



ReSound TV Streamer 2 For hearing great TV audio



Telecoil Available in RIE 13 and BTE styles



Smart Hearing Alliance

Cochlear™ Implants ReSound hearing aids perfectly complement Cochlear implants





Charging options



Premium charger Portable incl. powerbank for RIE styles



Standard charger Portable for RIE styles



Custom charger Portable for ITE/ITC styles



Desktop charger For RIE & BTE styles ReSound OMNIA • Made for hearing in noise

Iry it. Hear it. Enjoy it

Let your clients hear their best with the only beamforming in the industry to improve hearing in noise without feeling cut off.¹

ReSound OMNIA[™] is the only hearing solution to simultaneously combine the following two benefits for a natural listening experience:

- 1. Narrow beamforming directionality for hearing in noise
- 2. Omni directional listening¹

Jespersen et al (2022), Woodward et al (2022) & Braendgaard M. (2020)



Unique features & benefits

• 360 All-Around

Now you can give your clients hearing clarity all around and enable them to hear through the noise with double the speech-in-noise benefits.²

• Front Focus

Now your clients can zoom in to human connections with the sharpest focus on sounds in front in very noisy situations.²

• Natural own voice perception

Our hearing technology preserves natural-sounding own voice. Your clients can sound like themselves again.³

All styles are comfortable to wear

Offer our best wearing comfort so your clients can forget they're wearing hearing aids. The full line-up caters to all needs and preferences.

- Small size, soft lines, comfortable shape, and exceptional sound the miniRIE is made for hearing in noise.⁴
- The CIC, our smallest style yet, is custom made for each client, designed to hide in their ears.⁴
- Offer rechargeable custom-made hearing aids that look like earbuds.⁴



Available in many stylish colours

² Compared to our legacy technology. Jespersen et al (2022) ³ Data on file (2022)



ReSound ONE Hear like no other

Hearing feels like second nature

Now we're offering more opportunities for you to help people with mild to profound hearing loss rediscover the authentic sounds they love, effortlessly and effectively. And you can help new clients move from headphones to hearing aids earlier in their journey with our custom styles, including a rechargeable earbud design and a really small CIC style, offering many of the benefits known from our groundbreaking* M&RIE (Microphone & Receiver-In-Ear) option.

* A microphone in the ear and two standard directional microphones, directionality features and wireless audio streaming.





Unique features & benefits

• All Access Directionality

Puts your clients in a better position to hear clearly from all directions while preserving spatial awareness of their surroundings, improving speech understanding in noise by 15-30% depending on the hearing loss¹.

• Ultra Focus

Users activate this feature to hear conversations better in extra-noisy situations.

C6 Chip Platform

No compromise on gain or feedback for your clients.

• Hear with your ears again with M&RIE

This premium receiver uses each client's own ear shape to collect sound the way nature intended.

Designed for ultimate comfort, discretion and performance

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 in with hair and skin tones.



¹ Compared to legacy products. The evolution of the binaural hearing strategy: All Access Directionality and Ultra Focus. ReSound white paper. Groth (2020)



ReSound ENZO Q

So much more than just powerful

Beyond powerful

Our best hearing aid for severe to profound hearing loss is a complete solution that provides high-quality sound from any direction and all the needed gain without feedback. With the C5 chip platform, Sound Shaper, and Binaural Directionality III in combination with Spatial Sense, it gives your clients access to crystal clear sounds not only in front but all around them – even the high-frequency sounds. Our advanced noise and feedback management systems strike the right balance of comfort and audibility. Further enhance sound with features specific to clients with severe to profound hearing loss, like Low Frequency Boost for added low-frequency gain and semilinear and linear fitting modes.





Unique features & benefits

• Crystal clear, high-quality sound

Sound is captured distortion-free, while Impulse Noise Reduction and Sound Shaper ensure comfortable, clear sound with access to high frequencies.

• Indispensable connectivity and direct streaming

Improve signal-to-noise ratio and boost speech understanding on the phone by up to 50%* with a wide variety of convenient streaming options.

C5 Chip Platform

Improves ear-to-ear performance and provides up to 20% more battery life.**

Stylishly reliable and robust

Designed to withstand the needs of all users, ReSound ENZO Q[™] is available in High Power and Super Power models – both with long battery life, which is a great advantage when streaming. Select from a stylish line-up of classic and discreet neutral colours.





High Power BTE 88

Super Power BTE 98

 \star ReSound Phone Clip+ compared to an acoustic phone in one hearing aid. Jespersen & Kirkwood (2015)

** Compared to predecessor ReSound ENZO $3D^{\mbox{\tiny TM}}$



ReSound Key

Everyone deserves great hearing

Hearing essentials for more clients

ReSound Key[™] will accompany your clients with what they need on their path to better hearing. They can enjoy clear, natural sound quality and the confidence to join in conversations effortlessly. Natural Directionality II supports better listening in noise by enabling both ears to work together and reduces background noise for easier listening, and DFS Ultra II adapts to changing environments to prevent feedback.





Key features & benefits

• Natural Directionality II

Both hearing aids work together to improve signal-to-noise ratio while surrounding sounds remain audible.

• DFS Ultra II

Clients can be confident that their hearing aids will remain feedback-free, even in changing environments.

• Leading rechargeability

Up to 30 hours on one charge with no batteries to change.

For every type of hearing loss

Offer the most complete collection of essential hearing aids for mild to profound hearing loss: BTEs, RIEs, including rechargeable, and customs. The models are available in a variety of discreet, timeless colours to suit your clients. A Desktop charger comes as standard with ReSound Key, and there is the option to upgrade to the portable Premium charger, which is ideal for travelling.



Optimal guidance at every step

Enjoy more time for your clients and work even more efficiently with our optimised fitting software and tools, which help you give your best hearing care, even remotely. Our intuitive supporting tools significantly reduce the learning curve for you.

One seamless ecosystem covering the entire portfolio

- One fitting software and one app for all needs
- Convenient and individual remote hearing care, anytime, anywhere
- More time to focus on clients with an efficient workflow

Check My Fit helps users to wear their hearing aids properly and get the most out of their ReSound style each day, which can lead to fewer service visits. Our insights show that wearing hearing aids correctly allows an average of 11 dB more feedback-free gain that is often lost with incorrect wear.¹ Using Check My Fit in the ReSound Smart 3D[™] app, 70% of users wore their hearing aids better.²

A successful first fit, naturally

Add the finishing touches to your clients' hearing experiences easily due to our simplified fitting process, such as automated preferences and a push-button connection to the fitting software. Further improve your fitting success by 13% with ReSound Smart Fit[™] 1.16, the very latest version of our fitting software.³

Improve hearing onboarding and usage

The intuitive ReSound Smart 3D app lets your clients discreetly and conveniently optimise their hearing experience using iPhone and iPad or Android devices. They can also download new fine-tunings and settings to their hearing aids via the app.

Offer hearing care anywhere

ReSound Assist and ReSound Assist Live are two powerful ways to reach out remotely and help your clients wherever they are.

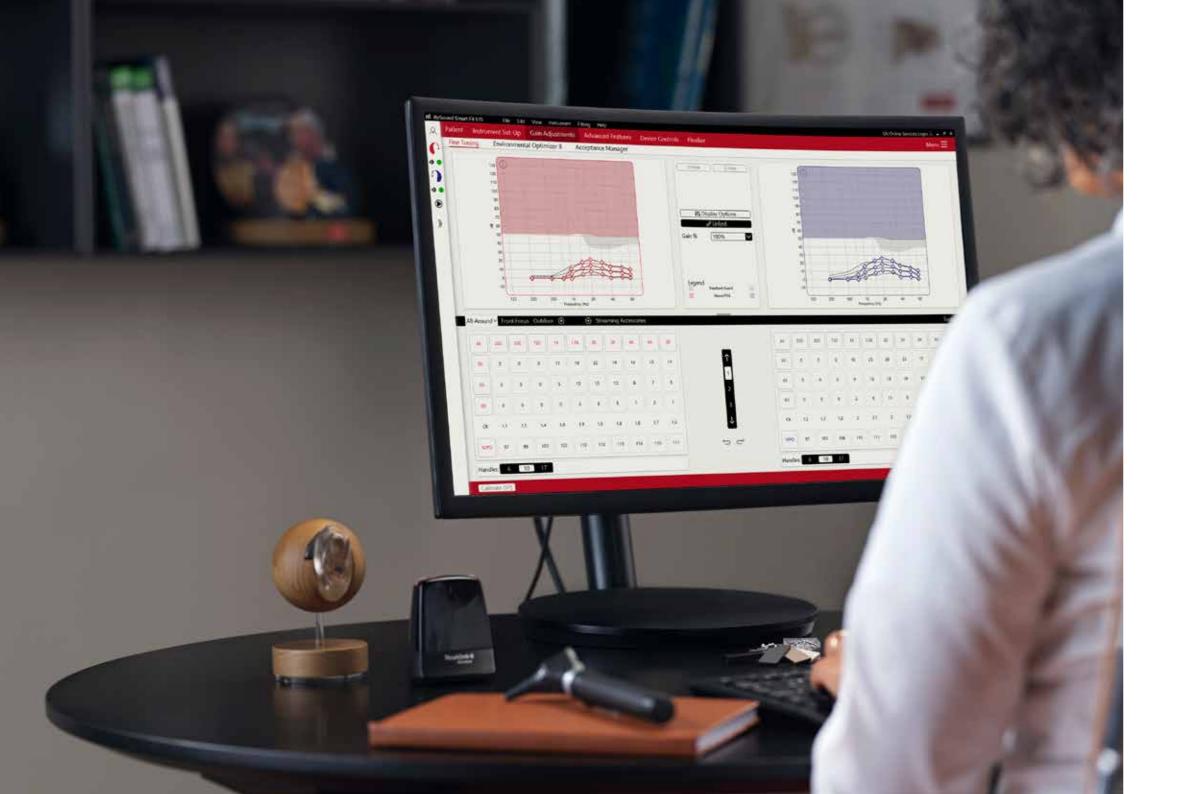
- Use ReSound Assist for fine-tunings, arranged via direct message in your client's ReSound Smart 3D app.
- Use ReSound Assist Live for video consultations in real time, for in-ear tests, hearing assessments, fittings and fine-tunings.



Check My Fit - now for all styles

Yang et al (2022)
 Jespersen et al (2022)
 GN A/B Prototype test & Box Build tests, 2022





Receiver, thin tube and domes overview



Overview of audiological features across the portfolio

		PREMIUM				ADVANCED			
		ReSound OMNIA			ReSound ONE				
Features		RU9	RU7	RU5	RU4	RT9	RT7	RT5	
WARP bands		17	14	12	12	17	14	12	
Environmental classifier		•	•	•	•	•	•	•	
	Environmental Optimiser II	•				•			
Environment recognition	Environmental Optimiser		•	•			•	•	
	360 All-Around	STD/M&RIE							
	All Access Directionality		STD / M&RIE			STD / M&RIE	M&RIE		
	M&RIE	•	•	•	•	•	•	•	
	Spatial Sense	STD	STD	STD		STD	STD		
	Front Focus	•							
	Ultra Focus		•			•			
Directionality	Binaural Directionality III			•			•		
Directoriality	Binaural Directionality				•			•	
Ear-to-Ear functionality not avaialble	Natural Directionality								
for non-wireless CIC styles	Synchronized Soft Switching	•	•	•	•	•	•	•	
	Soft Switching								
	Autoscope	•				•			
	Multiscope		•				•		
	Adaptive Directionatily			•	•			•	
	Fixed Directionality	•	•	•	•	•	•	•	
	Adjustable Directional Mix	•				•			
KI * I	Noise Tracker II	5 settings	3 settings	2 settings	On/Off	5 settings	3 settings	2 settings	
Noise reduction	Personalised noise reduction	•				•			
Expansion		3 settings	2 settings	On / Off	On/Off	3 settings	2 settings	On / Off	
Impulse Noise Reduction		3 settings	3 settings	On / Off	On/Off	3 settings	3 settings	On / Off	
Wind Guard		3 settings	2 settings	On / Off	On/Off	3 settings	2 settings	On / Off	
	Туре	DFS Ultra III							
	Level	3 settings							
Feedback management	Music Mode	•	•	•	•	•	•	•	
	Auto DFS	•	•	•	•	•	•	•	
Synchronised Acceptance Manager		•	•	•	•	•	•	•	
Tinnitus Sound Generator		•	•	•	•	•	•	•	
Low Frequency Boost		3 settings	2 settings	On / Off	On/Off	3 settings	2 settings	On / Off	
Sound Shaper		•	•	•	•	•	•	•	
e2e communication		•	•	•	•	•	•	•	
Gain handles		17	14	12	12	17	14	12	
Programs		4	4	4	4	4	4	4	
Data Logging		•	•	•	•	•	•	•	
In Situ Audiometry		•	•	•	•	•	•	•	
Automatic Receiver Detection		•	•	•	•	•	•	•	

			ADVANCED			ESSENTIAL	
		ReSound ENZO Q			ReSound Key		
Features		EQ9	EQ7	EQ5	KE4	KE3	KE2
WARP bands		17	14	12	12	8	6
Environmental classifier		•	•	•	•	•	•
	Environmental Optimiser II	•					
Environment recognition	Environmental Optimiser I		•				
	360 All-Around						
	All Access Directionality						
	M&RIE						
	Spatial Sense	•					
	Front Focus						
	Ultra Focus						
Directionality	Binaural Directionality III	•					
Directionally	Binaural Directionality		•				
Ear-to-Ear functionality not avaialble	Natural Directionality	•	•	•	•		
for non-wireless CIC styles	Synchronized Soft Switching	•	•		•		
	Soft Switching	•	•	•		•	•
	Autoscope	•					
	Multiscope		•		•	•	
	Adaptive Directionatily			•			•
	Fixed Directionality	•	•	•	•	•	•
	Adjustable Directional Mix	•					
	Noise Tracker II	5 settings	3 settings	2 settings	On / Off	On / Off	On / Off
Noise reduction	Personalised noise reduction	•				,	
Expansion		3 settings	2 settings	On / Off	On / Off	On / Off	On / Off
Impulse Noise Reduction		3 settings	3 settings	,	On / Off	,	
Wind Guard		3 settings	2 settings	On / Off	On / Off	On / Off	On / Off
	Туре	DFS Ultra II	DFS Ultra II	DFS Ultra II	DFS Ultra II	DFS Ultra II	DFS Ultra II
	Level	3 settings	3 settings	3 settings	3 settings	3 settings	3 settings
Feedback management	Music Mode	•	•	•	•		
	Auto DFS	•	•	•	•	•	•
Synchronised Acceptance Manager		•	•	•	•	•	•
Tinnitus Sound Generator		•	•	•	•	•	•
Low Frequency Boost		3 settings	2 settings	On / Off	On / Off	On / Off	On / Off
Sound Shaper		•	•	•			- ,
e2e communication		•	•	•	•	•	
Gain handles		17	14	12	12	8	6
Programs		4	4	4	4	4	4
Data Logging		•	•	•	•	•	•
In Situ Audiometry		•	•	•	•	•	•
Automatic Receiver Detection							

Feature description

FEATURE		ROLE	BENEFIT			
WARP processing Environmental Classifier		Replicates the way the natural ear divides sound into distinct pitches.	Hear sounds with remarkable purity and almost no distortion.			
		Analyses the incoming sounds and classifies them into listening environments. Accurately analyses each environment so all the other features work better.	Enjoy a comfortable listening experience with this great foundational feature			
Environment recognition	Environmental Optimiser II	Uses Ear-to-Ear communication to automatically adjust the volume and the amount of noise reduction for optimum listening comfort and sound quality across 7 different listening environments.	Automatically hear clearly and comfortably in changing environments without adjusting a thing.			
	Environmental Optimiser	Provides automatic adjustment of hearing instrument settings	Users enjoy optimal audibility and listening comfort even when moving through rapidly changing sound environments, and without needing to make frequent manual adjustments.			
	360 All Around Directionality	Our newest binaural hearing strategy uses real time information about the user's environment and stronger directional patterns to ensure smooth adjustments of directional settings. May use M&RIE or Spatial Sense for spatial cue preservation.	Simply hear everything all around you, automatically enabling you to listen to the sounds you want and tune out what you don't.			
	All Access Directionality	Uses real time information about the user's environment to automatically adjust the directional microphone patterns according to a binaural hearing strategy. May use M&RIE or Spatial Sense for spatial cue preservation.	Effortlessly engage with people and pinpoint surrounding sounds in daily listening situations.			
	M&RIE	Places a microphone in the ear canal as part of the receiver module, taking advantage of the user's unique ear shape to collect sound the way nature intended.	Immerse yourself in an individualised hearing experience with greater depth and sense of direction/spatial awareness.			
	Spatial Sense	Pinna restoration and bilateral compression provides more natural sound processing by restoring the auditory cues of the external ear and maintaining interaural level differences between the two ears.	A vivid hearing experience your client is in control of with a natural awareness of surroundings, speech, and sounds.			
	Front Focus	Forms an even stronger directional pattern using the sound from both hearing aids so your client can focus on the person in front of them.	Hear through the noise to enjoy the best one-to-one hearing experience.			
Directionality	Ultra Focus	Forms a powerful directional pattern using the sound from both hearing aids so your client can focus on the person in front of them.	Better hearing experience, even in the noisiest environments.			
	Binaural Directionality III	Automatic directionality that determines the best microphone configurations across two hearing aids based on the level and location of speech and noise around the user. Caters to the way sound is processed in the brain. It also includes Spatial Sense for more natural sound processing.	Listen effortlessly and clearly in all situations, wherever speech or sounds are coming from.			
	Binaural Directionality	Automatic directionality that determines the best microphone configurations across two hearing aids based on the level and location of speech and noise around the user.	Easily focus on the sound that interests you, while still being aware of any background noises.			
	Natural Directionality II	Uses a binaural fitting strategy with one ear always in directional (the "focus" ear) and one ear always in omnidirectional (the "monitor" ear). This allows the user to gain directional advantage while maintaining situational awareness.	It feels natural to hear conversations with ease while also keeping track of background noise.			
	Synchronized Soft Switching	Uses Ear-to-Ear communication to automatically switch between omni-directional and directional modes depending on the sound environment, ensuring both instruments in a binaural fitting are in the same microphone mode, using slow and comfortable transitions.	No matter the location/listening environment, hear someone talking and conversations with ease.			

FEATURE		ROLE	BENEFIT			
Directionality	Soft Switching	Switch between omni-directional and directional modes depending on the sound environment.	Hear conversations smoothly			
	Autoscope	An automated form of Multiscope where the beam width adjusts depending on the strength of the speech signal in front of the user.	Users hear clear, focused sound from the front automatically optimised for the listening environment they are in.			
	Multiscope	An advanced form of Adaptive Directionality that allows the width of the directional beam to be set in the fitting software between narrow, medium and wide focus.	Provides maximum focus on the sound coming from the front, customised for each specific user.			
	Adaptive Directionality	Dynamically changes the directional pattern to best reduce unwanted noise around the hearing aid user.	Perfect for cutting above the noise to focus on a sound in front.			
	Fixed Directionality	Provides a non-varying hypercardioid pattern to reduce noise coming from behind and the sides of the user.	Ideal for moments of concentration on a sound or a person in front.			
	Adjustable Directional Mix	Allows for adjustment of the frequency that blends between omnidirectional and directional processing.	Personalise and enhance the experience of hearing speech and surroundings with a rich sound quality.			
Noise reduction	Noise Tracker II	Reduces disturbing background sound without affecting speech audibility.	Hear speech clearly with greater listening comfort, even in noisy situations.			
	Noise Tracker II per environment	Reduces disturbing background sound without affecting speech audibility. Noise reduction can be customised for different environments.	Enjoy improved listening comfort, hear speech clearly, and personalise the experience to suit individual needs.			
Expansion		Reduces low level noise in very quiet environments.	Enjoy listening in quiet environments without distractions.			
Impulse Noise Reduction		Quickly detects and reduces amplification for sudden, brief loud noises.	Cushions the discomfort of sudden, loud sounds without affecting sounds of interest/focus sounds.			
Wind Guard		Detects and reduces wind noise without reducing gain for other sounds.	Gives comfort in the great outdoors, so wind doesn't disturb the hearing experience.			
Feedback	Music Mode	Ensures that tonal sounds found in music are correctly identified while still allowing for reduction of true feedback.	Be immersed in the tones of music in an experience that preserves the rich sound quality.			
management	DFS Ultra III	Reduces unwanted feedback in nearly any situation without compromising gain via phase cancellation with static and dynamic filters.	Whistling noises, known as feedback, won't disturb listening experiences or alter the volume.			
Synchronized Acceptance Manager		Slowly adjusts gain from current to a target setting over a designated period of time.	Helps you gradually and comfortably adjust to your hearing aids in an optimal, personalised way.			
Tinnitus Sound Gene	rator (TSG)	Therapeutic sounds to provide relief from tinnitus. Should be used in conjunction with some form of tinnitus therapy.	Get relief from tinnitus discomfort with effective therapeutic sounds.			
Low Frequency Boos	t	Optimises loudness for users with severe and profound hearing losses.	Boosts the listening experience with a louder, fuller sound quality when needed.			
Sound Shaper		Improves audibility of high-frequency sounds by compressing them to a lower frequency zone where they can be heard.	Hear the higher tones of speech that would otherwise be missed.			

Welcome more clients and every hearing need with the most competitive and complete ReSound portfolio yet. From the very latest technological innovation to great everyday essentials, enjoy the confidence of being able to recommend and fit the ideal, individualised ReSound for everyone, regardless of their hearing loss, needs and finances. Along with clearer, more natural sound and directionality, thanks to Organic Hearing and intuitive features, offer personal guidance at every step and great options for living life to the fullest.

Explore the portfolio at pro.resound.com

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Cochlear and ReSound collaborate in the Smart Hearing Alliance to develop advanced and innovative hearing solutions for you.

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