



**ReSound Key**

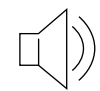
# New hearing essentials for more clients

# Everyone deserves great hearing

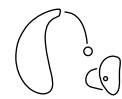
At ReSound, we believe that everyone deserves a great, individualised hearing experience. Now you can welcome even more clients into your clinic to achieve this goal.

Introducing ReSound Key™, our new complete hearing aid collection in the essential category based on proven and premium hearing technology and our Organic Hearing philosophy. Enjoy the confidence of always being able to recommend a natural and individualised solution for your clients. Offer optimal guidance along the journey towards better hearing. And grow your business while giving clients new opportunities to hear the world around them.

## RESOUND KEY HIGHLIGHTS



Clear sound and premium audiological features



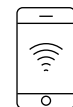
A complete, competitive range in the essentials category



Easy rechargeability with up to 30 hours on one charge



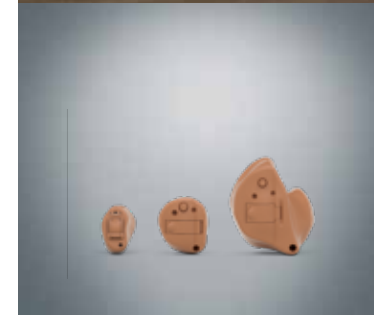
Connectivity with Bluetooth® Low Energy



Direct audio streaming from iOS and Android™ devices



Remote hearing care



Offer the acclaimed ReSound experience







## Organic Hearing

The ReSound Organic Hearing philosophy enables people to connect to the world around them in the most intuitive and natural way. It guides us in how we develop all ReSound solutions, taking inspiration from how the ear works and the natural ways we listen. Our goal is to design hearing solutions that perfectly fit the user's life, instead of requiring them to fit their life around their hearing loss.

## Hear with confidence

With ReSound Key, your clients will enjoy the clear, natural sound quality they need to join in conversations, even in noise. They will feel more confident in their daily activities, knowing that they can speak with their loved ones easily and effortlessly, while also hearing what is happening around them.

### NEW TO ESSENTIAL: BETTER HEARING ALL AROUND

ReSound Key with Natural Directionality II supports better listening in noise by enabling both ears to work together. It gives clients a focused response in one ear while enabling them to monitor the environment with the other ear. Awareness of surroundings and ease of listening improves, without any significant reduction in directional benefit<sup>1</sup>. Clients can hear speech in noise at their sides and behind them, and not just in front<sup>2</sup>, for more natural listening that leaves them with more energy by the end of the day.<sup>3</sup>

### A HOLISTIC APPROACH TO GREATER HEARING

Clients benefit from multiple features that use the power of binaural hearing and natural sound quality.

- Sounds up to 116 dB SPL are captured very clearly
- Warp compression maps loudness and frequencies based on the function of the human cochlea
- NoiseTracker II reduces background noise for easier listening
- DFS Ultra II adapts to changing environments to prevent feedback and maintain appropriate gain

### WHAT RESOUND KEY USERS SAY

They hear better, use less listening effort and feel less worried about their hearing when using ReSound Key in many types of listening situations. They are more likely to participate in the things they want to do every day when using ReSound Key. Their spouses notice better hearing, too.<sup>3</sup>

<sup>1</sup>. Compared to bilateral omnidirectional and bilateral directional. Cord et al 2007; Bentler et al 2004.

<sup>2</sup>. Compared to bilateral directional. Hornsby & Ricketts 2007; Jespersen et al 2017.

<sup>3</sup>. Compared to no hearing aids. Schumacher 2020.



# The confidence of proven technology and design

With the wide variety of ReSound Key models, you can be confident in finding the right solution for your clients. ReSound Key is based on proven premium ReSound solutions. Whichever ReSound Key model you recommend, it features great technology in a reliable, easy-to-use design – a dependable choice to fit.

## RECHARGEABILITY IS NOW ESSENTIAL

The rechargeable ReSound Key delivers power enough for more than a full day, so your clients can relax and get on with their activities. The Desktop charger comes with ReSound Key as standard and, if it suits your client's lifestyle, they can upgrade to the portable Premium charger, which is ideal for travelling.



## Most complete, competitive selection

- For all types of hearing loss
- BTEs, RIEs, and customs
- Even a super power model



No more changing batteries

## Rechargeability benefits

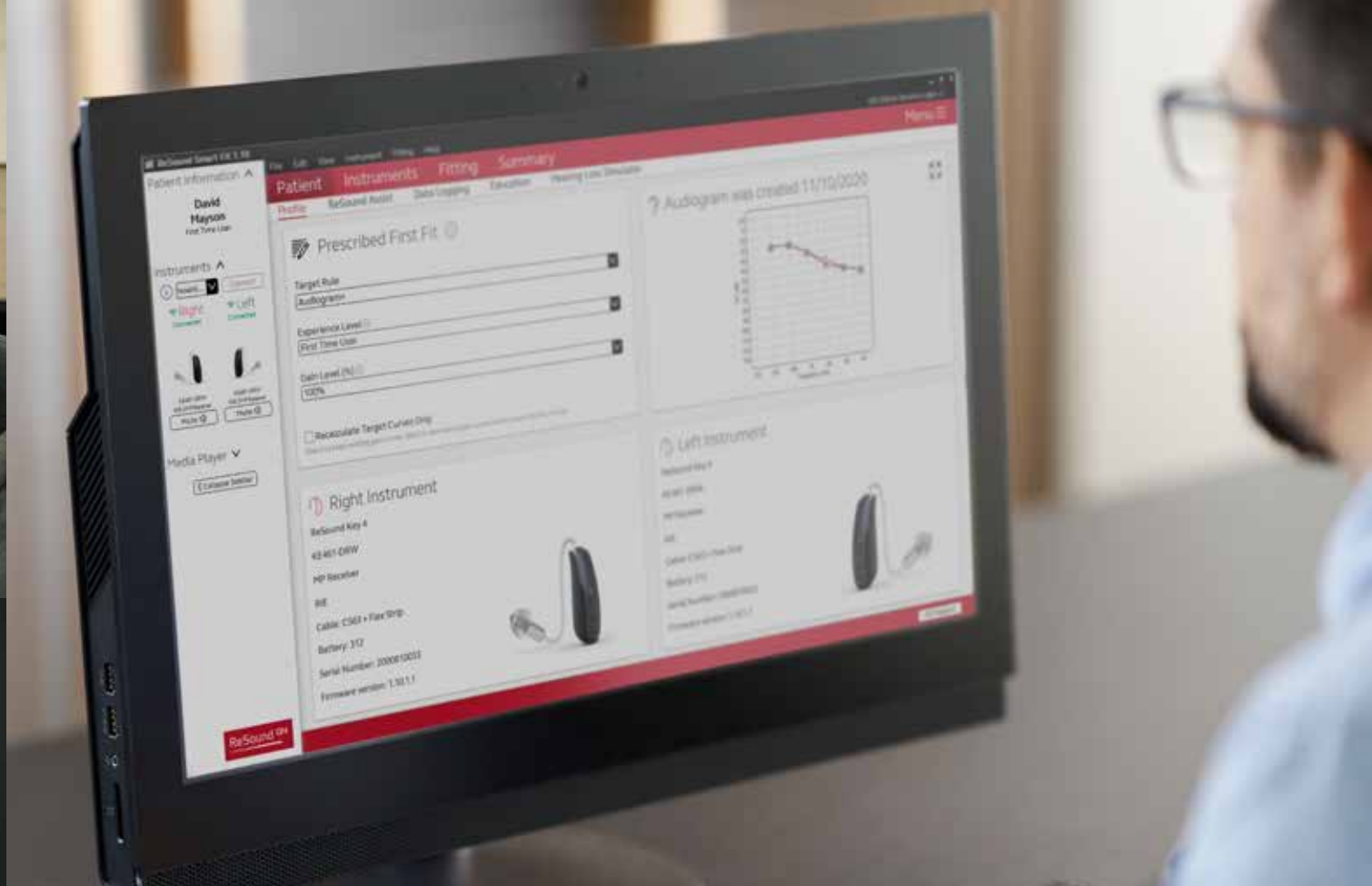
- One charge = 30 hours of power
- Modern, intuitive and easy to use
- Stylish Desktop and Premium chargers







Offer remote support and live counselling



Future-proof with remote firmware updates



## Guidance for your clients with an easy, efficient workflow

ReSound Smart Fit™ makes fittings easier than ever. Our intuitive fitting software simplifies your daily work and is used with the entire ReSound portfolio. Remote care services, ReSound Assist and ReSound Assist Live, also work directly from the fitting software and via the ReSound Smart 3D™ app.

### INTUITIVE AND EFFICIENT FITTING SOFTWARE

Get a better start with ReSound Smart Fit and minimise the need for fine-tuning, which will lead to greater client satisfaction and less returns. Confidently rely on the default feature settings, and ensure a better, more comfortable first fit for your clients with Acclimatization Manager and percent gain adjustments. Also benefit from greater flexibility in making fine-tuning adjustments when needed.

### ONE APP FOR INDIVIDUALISED HEARING EXPERIENCES

Designed for iPhone, iPad and iPod, and Android smartphones, the practical ReSound Smart 3D app lets your clients discreetly optimise their ReSound Key experience anytime, anywhere. They can also download new settings from you to their hearing aids via the app, so they always have the latest updates.

### OFFER HEARING CARE ANYWHERE

ReSound Assist and ReSound Assist Live are two powerful options for giving remote hearing care and the best possible fitting, counselling and support in a convenient and safe way. Your clients simply send you a request via their ReSound Smart 3D app.



# Help your clients grow with their hearing experiences

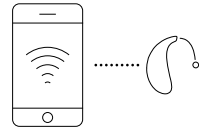
ReSound Key is an agile solution that adapts and grows with your clients on their path to better hearing. They can easily enjoy the leading ReSound connectivity and streaming options and the full range of wireless accessories, all utilising Bluetooth Low Energy. Also, with the possibility of remote firmware updates via the ReSound Smart 3D app, your clients' hearing aids will always be up to date.

## STREAMING GREAT SOUND

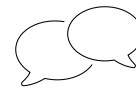
Whatever your clients want to listen to, they can stream it from their compatible iPhone, iPad, iPod or Android smartphone directly to their ReSound Key hearing aids, discreetly and effortlessly.

## BOOST HEARING IN CHALLENGING ENVIRONMENTS

Talking on the phone or hearing someone in a crowded restaurant are among the most challenging listening situations for people with hearing loss. Thanks to excellent ReSound connectivity and wireless accessories, your clients get a helpful hearing boost due to an improved signal-to-noise ratio.



Users with severe hearing loss demonstrated a 50% improvement in speech understanding when streaming a call in both hearing aids.<sup>4</sup>



A 10 dB average improvement in speech reception threshold (SRT) in noise.<sup>5</sup>

<sup>4</sup> ReSound Phone Clip+ compared to an acoustic phone in one hearing aid. Jespersen & Kirkwood 2015.

<sup>5</sup> ReSound Multi Mic compared to adaptive directionality only. Jespersen & Laureyns 2007.

## RESOUND MICRO MIC AND MULTI MIC

Picks up a conversation partner's voice over background noise and streams it directly.

## MEETINGS AND MUSIC

Connect the ReSound Multi Mic to a PC to hear virtual sessions and media files.



## RESOUND TV STREAMER 2

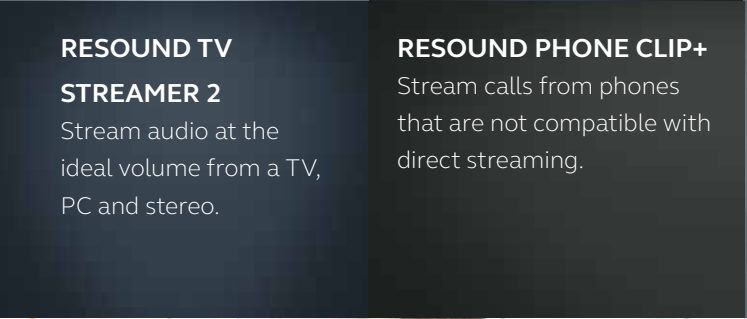
Stream audio at the ideal volume from a TV, PC and stereo.

## RESOUND PHONE CLIP+

Stream calls from phones that are not compatible with direct streaming.

## RESOUND REMOTE CONTROL AND REMOTE CONTROL 2

Discreetly change programs, adjust volume and control streaming.



# ReSound Key features

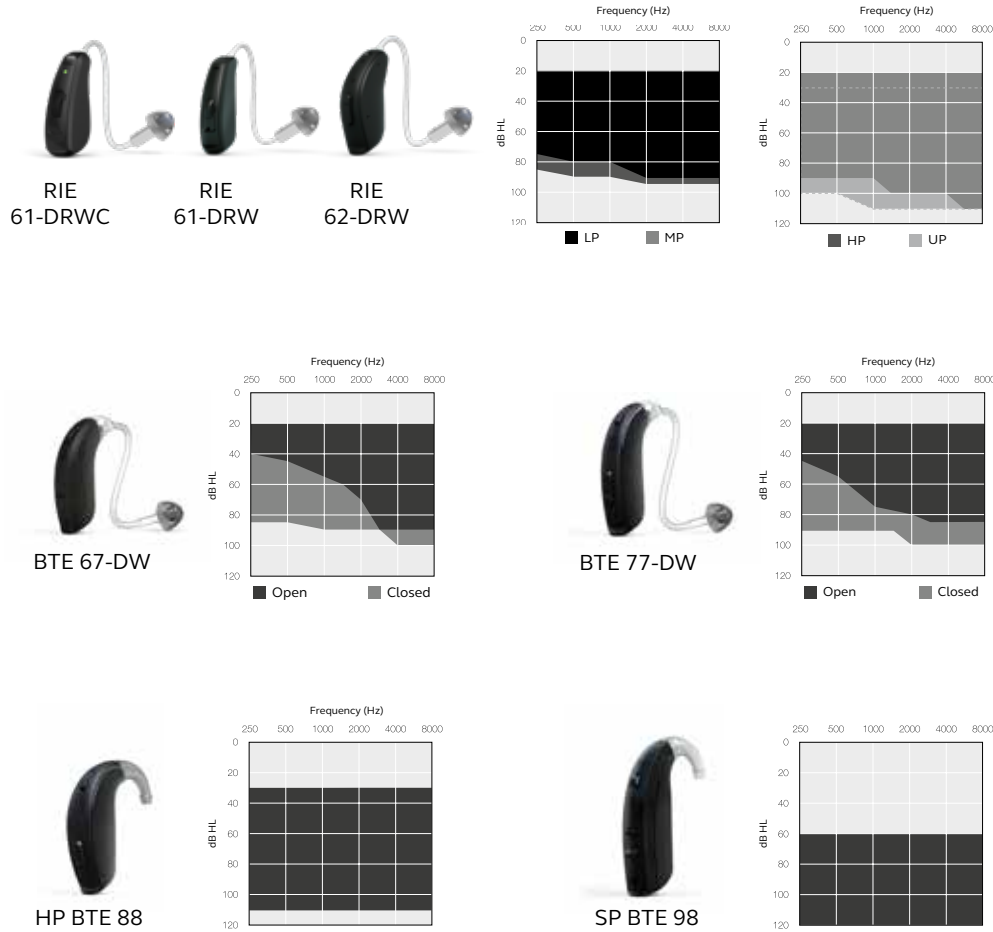
ALL THE ESSENTIAL DETAILS AT A GLANCE

## Overview of RIE and BTE audiology and technology levels

MODEL	TECH LEVEL 4	TECH LEVEL 3	TECH LEVEL 2
Audiological Features			
WARP compression (WDRC) - number of channels	12	8	6
Natural Directionality II	●		
Synchronised Soft Switching	●		
Soft Switching	●		●
Multiscope Adaptive Directionality	●	●	
Adaptive Directionality			●
Environmental Classifier	●	●	●
DFS Ultra II	●	●	●
Music Mode	●		
Noise Tracker II	●	●	●
Wind Guard	●	●	●
Impulse Noise Reduction	●		
Expansion	●	●	●
Synchronised Acceptance Manager	●	●	
Low Frequency Boost (Only UP)	●	●	●
Tinnitus Sound Generator	●	●	●
Functional Features			
Smart Start	●	●	●
Phone Now	●	●	●
Comfort Phone	●	●	
Direct audio streaming (MFi, Android*)	●	●	
ReSound TV Streamer 2, Remote Control, Remote 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Smart 3D app	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
ReSound Assist Live	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software ReSound Smart Fit 1.10 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyser II	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●

Rechargeable model available in technology level 4 only

\* Compatible with Android smartphones that support direct Android streaming to hearing aids.

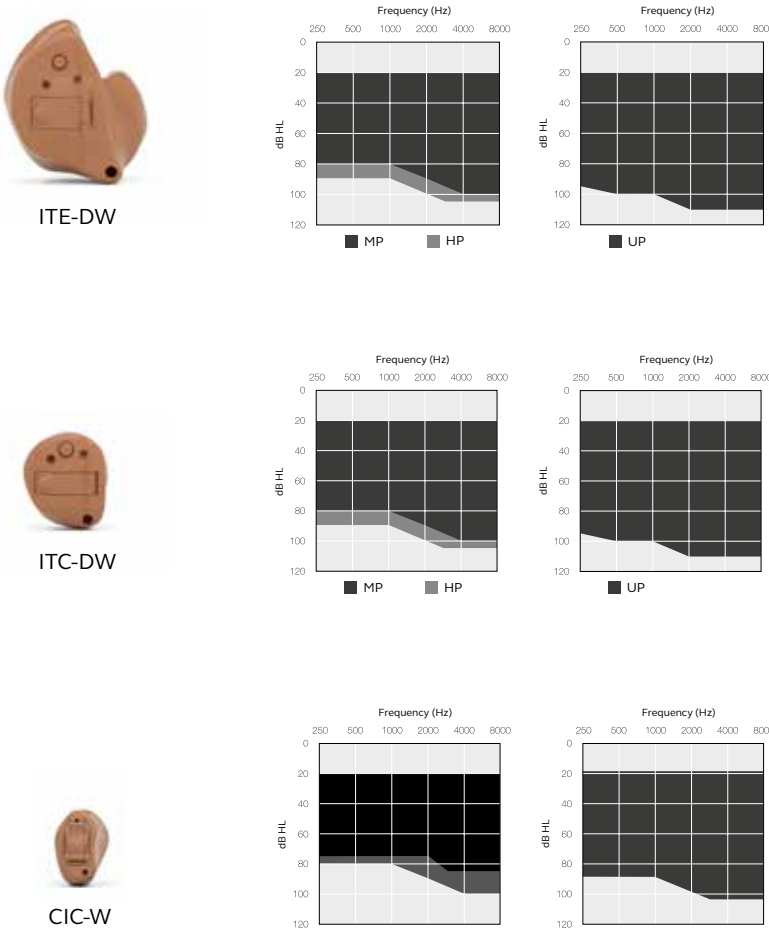


## Overview of audiology features for customs technology level 4

MODEL	ITE	ITC	CIC
Audiological Features			
WARP compression (WDRC) - number of channels	12	12	12
Natural Directionality II	●	●	
Synchronised Soft Switching	●		
Soft Switching	●	●	
Multiscope Adaptive Directionality	●	●	
Environmental Classifier	●	●	●
DFS Ultra II	●	●	●
Music Mode	●	●	●
Noise Tracker II	●	●	●
Wind Guard	●	●	
Impulse Noise Reduction	●		●
Expansion	●	●	●
Acceptance Manager		●	
Synchronised Acceptance Manager	●		●
Low Frequency Boost (Only UP)	●	●	
Tinnitus Sound Generator	●	●	●
Functional Features			
Smart Start	●	●	●
Phone Now	●	●	●
Comfort Phone	●		●
Direct audio streaming (MFi, Android*)	●	●	●
ReSound TV Streamer 2, Remote Control, Remote 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Smart 3D app	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
ReSound Assist Live	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Fitting Software ReSound Smart Fit 1.10 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyser II	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●

CIC-W available in technology levels 4 and 3 only

\* Compatible with Android smartphones that support direct Android streaming to hearing aids.





Technical data	Premium Charger	Desktop Charger
Dimensions	99.4 x 35 x 67.5 mm / 3,9 x 1.4 x 2.7"	82mm x 36mm x 46mm / 3.2" x 1.4" x 1.8"
Weight	145 gram / 5.1 oz	82 grams / 2.9 oz
Power Supply	USB power supply, 5 V	USB power supply, 5 V
Power Connector	USB	USB
Internal Power Source	Rechargeable Lithium Ion battery, 3.7 V, 2600 mAh	
Charging time for internal lithium ion battery in Charger	Max 3,5 hours, depending on initial state of the battery	
Battery life (fully charged, not connected to mains power)	Min. 3 full charges of 2 hearing instruments, Without hearing instruments: 12 months	
Charging time for Hearing Instrument	Maximum 3 hours, depending on initial state of the battery	< 40 °C (104F): 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 imunity test standard	According IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	0 to 40 °C / 32 to 104 °F	+ 5 °C (41F) to + 40 °C (104F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger and Hearing Instrument	-20 to 45 °C / -4 to 113 °F	- 25 °C (-13F) to + 5 °C (41F), + 5 °C (41F) to + 35 °C (95F) at a relative humidity up to 90%, non-condensing, > 35 °C (95F) to 70 °C (158F) at a water vapour pressure up to 50 hPa

### Streaming options



	Phone Clip+	Multi Mic	Micro Mic	TV Streamer 2
STREAMER FUNCTIONALITY				
Power Source	Rechargeable – portable	Rechargeable – portable	Rechargeable – portable	Wall plug-in A/C adapter – stationary
Audio Quality	Stereo (A2DP)	Mono	Mono	Stereo
Voice Pickup	Directional microphone	Directional/ Omnidirectional	Directional microphone	
Telecoil		•		
Line-in		•		•
FM compatibility (FM receiver required)		•		
Audio streaming frequency range	A2DP streaming: 100 Hz to 10000 Hz Phone: 200 Hz to 3400 Hz	100-8000 Hz ±3 dB (Telecoil: 350-8000 Hz)	100-8000 Hz ±3 dB	100-10000 Hz

### Phone and app options

Phone		Compatible ReSound product
iPhone*	Phone call	ReSound Key
	App use	ReSound Smart 3D
Android phones**	Phone call	ReSound Key
	App use	ReSound Smart 3D
Other Bluetooth-enabled phones	Phone call	ReSound Key and Phone Clip+

\* The ReSound Smart 3D app can be used on iPhone, iPad and iPod Touch. Go to [resoundpro.com/compatibility](https://resoundpro.com/compatibility) for the full list of compatible devices.

\*\*Compatible from Android version 10 and Bluetooth 5.0 with the Android Streaming to Hearing Aids feature.



### Control options

	ReSound Smart 3D	Phone Clip+	Remote Control 2	Remote Control
VOLUME AND PROGRAMME FUNCTIONS				
Volume adjustments	Mon-/binaural	Binaural	Mon-/binaural	Binaural
Hearing aid programme selection	Direct select	Toggle (1-2-3-1...)	Toggle (1-2-3-1...)	Toggle (1-2-3-1...)
Streamer selection	Direct select		Toggle (1-2-3-1...)	
Balance hearing aid volume vs. streaming volume	•		•	
Hearing aid mute	•	•	•	
OTHER FUNCTIONS				
ReSound Assist	•			
Quick buttons – shortcuts to sound optimisation	•			
Sound Enhancer – bass/middle/treble adjustment	•			
Tinnitus Manager adjustments	•			
Create favourite programme with or without geo-tags	•			
Programme/streamer name customisation by user	•			
Find your lost hearing aid	•			
Phone operation		•		
Display of control options	•	•	•	
Display battery status of rechargeable RIE 61	•			

### Overview of features in Sound Enhancer

Programme	Bass, Middle & Treble
All Around	•
Restaurant	•
Outdoor	•
Music	•
Acoustic Phone	•
T-coil phone/loop (in normal program)	•
DAI (in normal program)	•
All streaming programs	•



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Help your clients feel the confidence of hearing better with clear sound, with the guidance they need at every step, and the options to help them grow with their hearing aids and live life to the full – with less effort and fatigue.

Now you can offer all this with our most competitive and complete new collection of hearing essentials, ready to accompany your clients every day, wherever they go, so they never feel alone.

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