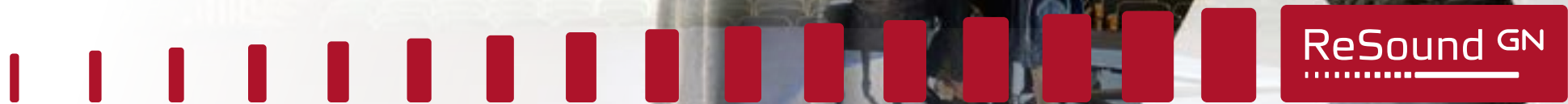


ReSound LiNX Quattro™

Confidence in the finer details



A woman with short, wavy white hair is shown in profile, smiling and hugging a young boy and a young girl. The boy is wearing a green and blue plaid shirt, and the girl is wearing a grey sweater. They are in a dimly lit room with warm, bokeh lights in the background. The woman's arms are around the children, and they appear to be in a moment of affection.

Introducing ReSound LiNX Quattro™

Confidence shines through the finer details. ReSound LiNX Quattro combines brilliant sound quality, an unrivaled full spectrum of streaming, support and personalization with ReSound Assist and the world's most advanced rechargeable solution – all in one product.

ReSound LiNX Quattro offers a brilliant experience beyond compare with layers of sound to inspire confidence in the moments that matter most.

Brilliant sound experience

CLEARER SOUNDS

With the highest input dynamic range, ReSound LiNX Quattro leverages the full range of the MEMs microphone allowing sound to be passed to our amplifier without being altered. Therefore, sound is processed in a cleaner way - free of distortion.

+

FULLER SOUNDS

A broader frequency response means patients will hear a larger range of sounds and will have access to nuances in tones that were previously unavailable to them.

=

RICHER EXPERIENCE

With clearer and fuller sounds coupled with a new radio for improved ear-to-ear performance and decreased lag time in streaming, patients will receive the most brilliant sound experience yet.



RIE 61

WORLD'S MOST ADVANCED RECHARGEABLE SOLUTION

Small and long-lasting with an expertly-designed charging case.



RIE 62

REPLACEABLE BATTERY SOLUTION

The same brilliant sound quality in a longer-lasting replaceable battery solution.

NEW! Chip platform takes sound quality to the next level

MORE SPEED, MORE MEMORY, MORE POWER - MORE CONFIDENCE

The brand new chip delivers twice the memory, 100% more speed, 30% more computing power and a new radio with 20% reduced power consumption. Together with an extended dynamic range, improved frequency response, a stronger wireless signal strength for enhanced ear-to-ear performance and localization of sound, ReSound LiNX Quattro delivers our most clear, natural sound yet.

116 dB SPL

The highest input dynamic range and the first hearing aid to utilize the full range of the MEMs microphones means loud inputs are more clear and softer sounds are available with less background noise.

9.5 kHz

Extended frequency bandwidth provides patients with access to more nuances of sound and allows for better sound balance across frequencies - even when streaming.

5 dB

New radio with 5 dB improved signal strength enhances ear-to-ear wireless performance, allowing Spatial Sense to sharpen and increase localization cues.

ReSound GN

Sound with virtually no limits

MORE LOCALIZATION CUES WITH SPATIAL SENSE

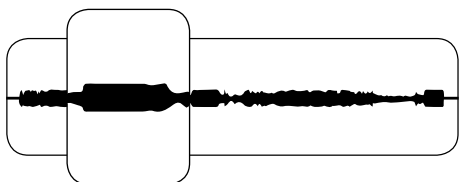
With the advanced performance of the new chip platform, our Spatial Sense feature is now better than ever. More high-frequency cues are available to help your patients localize sounds to the front and back. Spatial Sense can also measure the interaural level difference within less than a 1 dB tolerance. This is crucial because accurate level cues that align with timing cues enhance spatial hearing for the most natural sound quality.

BEST SOUND QUALITY

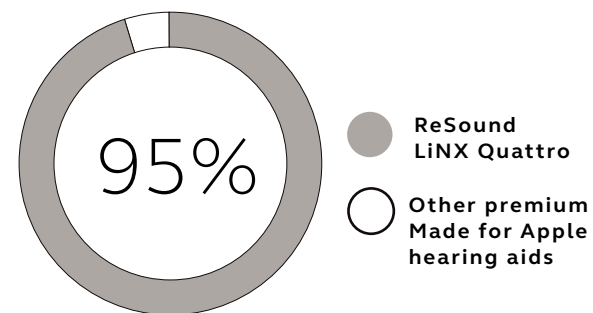
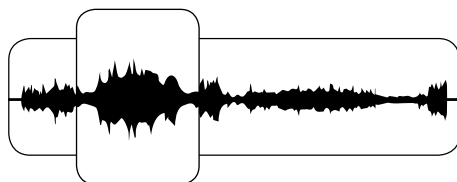
Hearing aids are designed to amplify speech, but music serves as the ultimate test of sound quality. It has high, intense peaks, and is often enjoyed at a higher volume. With ReSound LiNX Quattro, the dynamics of music are preserved and reproduced with a fuller sound quality.

Below is a waveform of classical violin music, with a typical input dynamic range and with the higher range of ReSound LiNX Quattro.

REDUCED RANGE



HIGHEST RANGE



ReSound LiNX Quattro is preferred 95% of the time for music listening, compared to other premium hearing aids*.

* Jespersen et al, 2018.

Access to the complete ReSound ecosystem

ReSound LiNX Quattro builds upon the superior sound quality and speech-in-noise performance of ReSound LiNX 3D to deliver a brilliant sound experience.

With wireless connectivity, Made for Apple® direct streaming, anytime personalization with the ReSound Smart 3D app and access to remote fine-tuning with ReSound Assist, ReSound LiNX Quattro joins ReSound LiNX 3D with access to the entire ReSound ecosystem.

Combined, ReSound LiNX Quattro and ReSound LiNX 3D form a complete family to satisfy the needs of virtually every patient.



Features that support a brilliant sound experience

BINAURAL DIRECTIONALITY III

Continuous ear-to-ear exchange of data about the environment optimizes polar patterns in any listening situation.

Your patients can hear sounds from all sides and focus on the sounds that are important, without losing touch with what's going on around them.

SPATIAL SENSE

Combines algorithms that restore pinna cues and interaural level differences to provide the brain with natural acoustic information for spatial hearing.

Your patients can detect where sounds are coming from, so they experience a more natural sense of their surroundings and the best possible sound quality.

BINAURAL ENVIRONMENTAL OPTIMIZER II

Works together with the Environmental Optimizer to analyze and accurately classify the listening environment, automatically adjusting gain and noise reduction settings.

Your patients can enjoy optimal audibility and listening comfort, even when moving through changing sound environments.

NOISE TRACKER II

A unique spectral subtraction technology that reduces unwanted noise without degrading the speech signal.

Your patients can get improved comfort in noisy listening situations without compromising speech understanding.

IMPULSE NOISE REDUCTION

Adjustable in your fitting software, it suppresses unexpected loud sounds – like the clinking of silverware or jangling of keys – by keeping gains at prescribed levels for brief transient sounds and preserving soft transient speech sounds.

Your patients can experience more comfort with their hearing aids in environments with sudden loud sounds.

DFS ULTRA II WITH MUSIC MODE

High-precision feedback path analysis enables DFS Ultra II to cancel feedback with extreme accuracy. Music Mode analyzes the sound over a longer period of time, so the system can better distinguish true feedback from music and other tonal sounds.

Your patients can enjoy extra comfort, better audibility and all the subtle nuances of rich sound, even in more challenging situations. Music Mode provides users with a distortion-free music listening experience.

SOUND SHAPER

The only frequency compression technology that moves high-frequency sounds down in the spectrum while maintaining a proportional relationship between input and output frequencies. Now available in a new 'very mild' setting that uses a cut off frequency of 5 KHz and an output bandwidth up to 8.5 KHz.

Your patients can experience improved audibility at high frequencies, particularly in speech cues, where traditional amplification is limited.

Unrivaled full spectrum of streaming

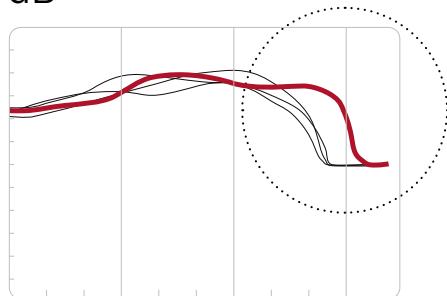
MORE POWER FOR SMOOTHER STREAMING

With ReSound LiNX Quattro and a 30% increase in computing power, we've virtually eliminated any lag in audio streaming for both direct streaming to the hearing aids and when using ReSound wireless accessories.

BROADEST MFI STREAMING BANDWIDTH

With a frequency bandwidth that expands up to 9.5 kHz, the widest among Made for Apple hearing aids, users get a fuller quality for sound streamed from ReSound LiNX Quattro.

dB



9.5 kHz

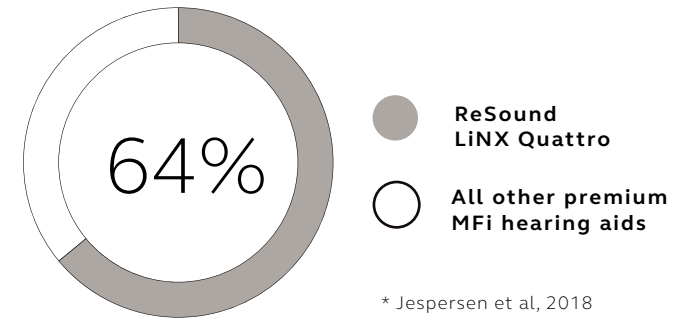
ReSound
LiNX Quattro

All other premium
MFI hearing aids

* Groth, 2018

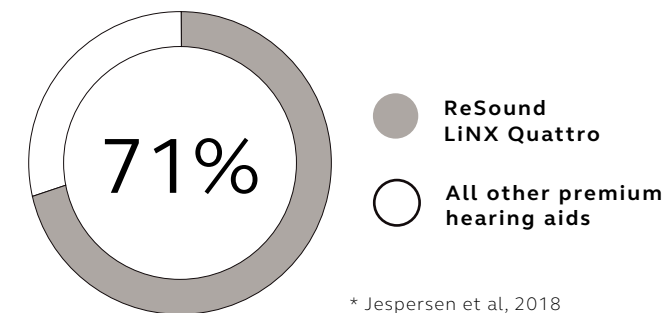
BETTER SOUND WITH IPHONE STREAMING

ReSound LiNX Quattro is preferred at least 64% of the time, when streaming directly from an iPhone.*



TOP CHOICE FOR TV

Listeners preferred the sound quality with ReSound LiNX Quattro 71% of the time when streaming directly from the ReSound TV Streamer 2 compared to other premium hearing aids and their respective TV streaming devices.



Support and personalization

Patients can easily and discreetly control their hearing aids right from their phone with the ReSound Smart 3D app. ReSound LiNX Quattro patients have access to all of the current features in the ReSound Smart 3D app in addition to:

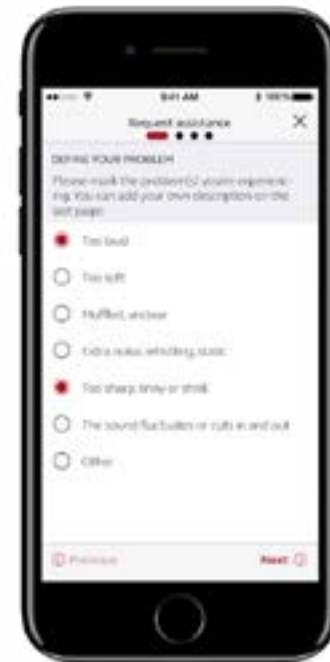
- Rechargeable battery status
- Mix-in streaming volume control

RESOUND ASSIST

For extra support, patients can access ReSound Assist to submit a remote fine-tuning request right from their ReSound Smart 3D app.

94% of hearing care professionals surveyed using ReSound Assist said that it helps them provide their patients with a better hearing experience.* As a hearing care professional, ReSound Assist also allows you to:

- Improve patient acceptance as issues can be addressed more quickly.
- Treat more patients
- Create a competitive advantage.



* Raun, 2018

The world's most advanced rechargeable solution

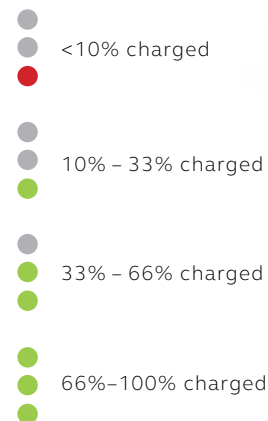
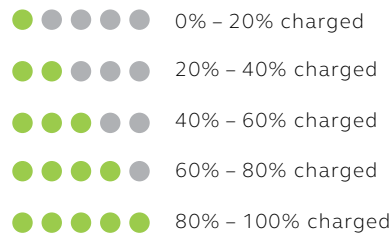
INTRODUCING LONG-LASTING POWER IN A SMALL SIZE

ReSound LiNX Quattro now introduces the most advanced rechargeable hearing aid. With a completely sealed lithium-ion battery, a small, discreet size and long-lasting battery power, your patients can rely on their hearing aids for more than a full day.

SLEEK AND DISCREET PORTABLE CHARGING CASE

Inductive charging makes it easy to securely place the hearing aids in the case for charging, without having to worry about contacts. In addition, the portable charging case holds an additional three full charges, so patients have the freedom to charge their hearing aids anywhere.

Upon insertion or removal of hearing aids, the current battery status is indicated for 5-10 seconds



Charger battery status indicators



FULL CONFIDENCE WITH A COMPLETE CHARGE

No instructions needed – your patients can place their hearing aids into the simple-to-use charger, and in a few hours they can enjoy 24 hours of battery life – even when streaming television, music or other audio half of the time. Patients can easily see the battery status of their hearing aid on the ReSound Smart 3D app, and will get a notification when the rechargeable battery is running low.

REFRESH WITH A QUICK CHARGE

If your patients are on-the-go, traveling or if they forget to charge overnight, they can still access quick and long-lasting power throughout their day.

CHARGING TIME	HOURS OF BATTERY LIFE
3 hours =	30 24 <small>with 50% streaming time</small>
1 hour =	16
30 minutes =	8

ReSound Smart Fit™

Intuitively supporting all new features

ON-SCREEN RECHARGEABLE BATTERY STATUS

During the fitting, it's now easy to keep track of the battery status for your patients' rechargeable hearing aids from the on-screen display.

IMPULSE NOISE REDUCTION

Impulse Noise Reduction smooths the peaks of transient sounds and is adjustable to meet individual noise sensitivities to sudden and brief loud sounds (Off, Mild, Moderate, Strong).

FREQUENCY RESPONSE CONTROL

With the hearing aid bandwidth now extended to 9.5 kHz, all fitting prescriptions have been updated, and an additional control is available at high frequencies to optimize the response.

NEW 'VERY MILD' SOUND SHAPER OPTION

Sound Shaper is now available in a new 'very mild' setting that uses a cut off frequency of 5 kHz and an output bandwidth up to 8.5 kHz.

A CONFIDENT FITTING EXPERIENCE

– FROM THE FIRST FIT

ReSound Smart Fit 1.3 is compatible with the industry-standard Noahlink Wireless. Robust, fast and intuitive, it supports the easiest and most comfortable fit for ReSound hearing aids.



Confidence in the finer details

RELIABLE, ROBUST AND DISCREET RIE SOLUTION



A PERFECT FIT WITH SURE FIT 2 RECEIVER TUBES

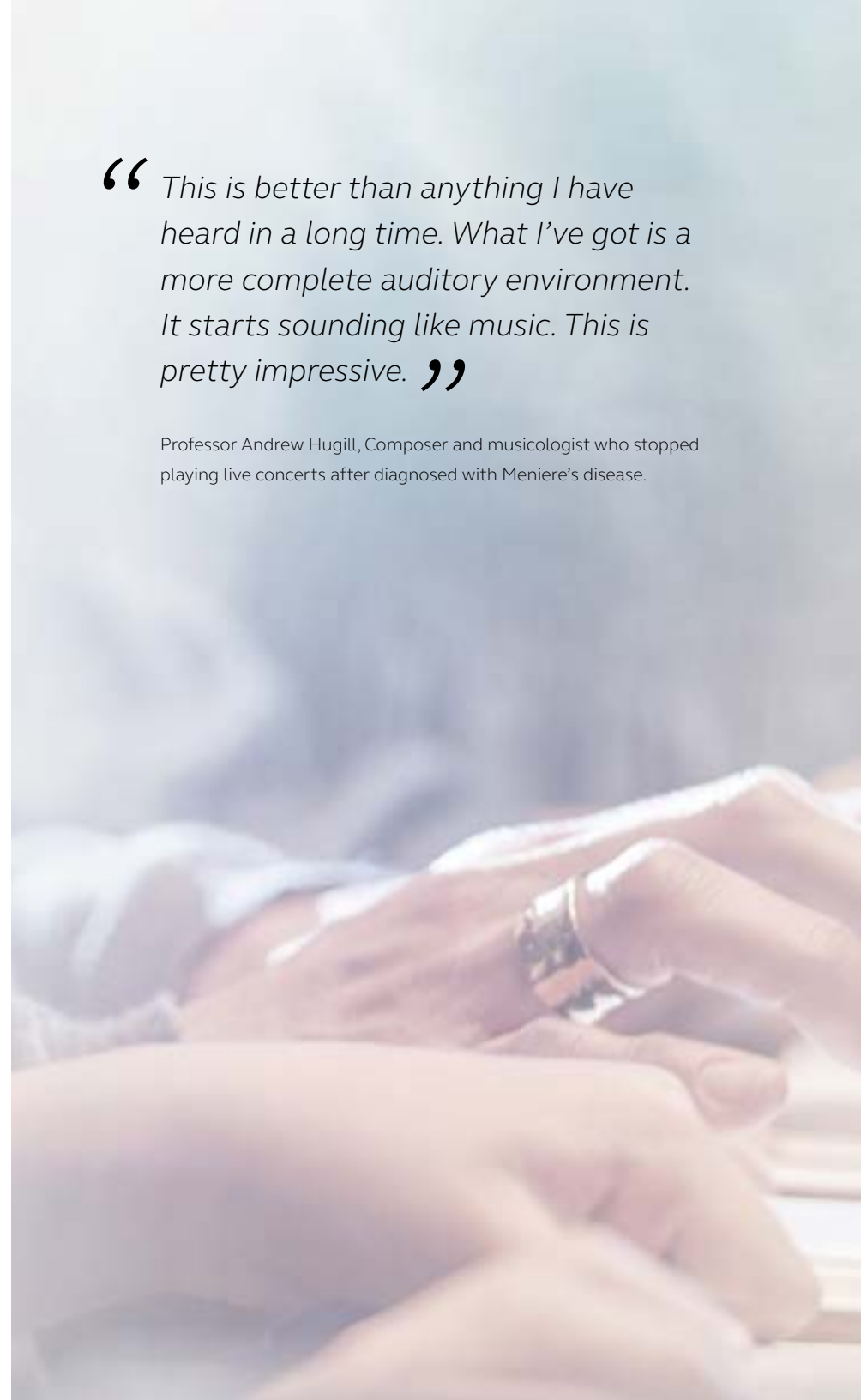
Our receiver tubes fit snugly against the head and contour to the shape of the first bend in the ear canal. This helps the tube lie close to the skin and ensures the receiver fits more securely in the ear canal.

RELIABLE WITH ISOLATE NANOTECH

The ReSound LiNX Quattro RIE hearing aids are iSolate™ nanotech coated for optimum durability, and meet the IP58 classification for ingress protection.

“ This is better than anything I have heard in a long time. What I’ve got is a more complete auditory environment. It starts sounding like music. This is pretty impressive. ”

Professor Andrew Hugill, Composer and musicologist who stopped playing live concerts after diagnosed with Meniere’s disease.

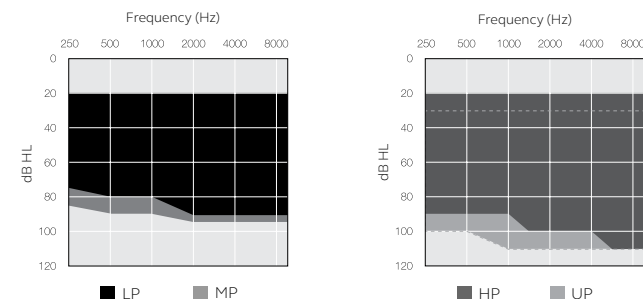


Behind the brilliant sound experience

ReSound LiNX Quattro technology levels

MODEL	RE961-DRWC RE962-DRW	RE761-DRWC RE762-DRW
DEVICE CONFIGURATIONS		
Battery size	Rechargeable Lithium-Ion for model 61 13 Zinc-Air for model 62	
Receiver Power levels	LP, MP, HP & UP	
AUDIOLOGICAL FEATURES		
WARP compression (WDRC) - number of channels	17	14
Binaural Directionality III	●	-
Spatial Sense	●	-
Binaural Directionality	-	●
Natural Directionality II	●	●
Directional Mix Processor	●	●
Adjustable directional mix	●	-
Synchronized Soft Switching	●	●
Autoscope Adaptive Directionality	●	-
Multiscope Adaptive Directionality	-	●
Binaural Environmental Optimizer II	●	-
Environmental Optimizer	-	●
Noise Tracker II	●	⊙
Expansion	●	⊙
Impulse Noise Reduction	●	●
Wind Guard	●	⊙
Sound Shaper	●	●
DFS Ultra II	●	●
Music Mode	●	●
Synchronized Acceptance Manager	●	●
Low Frequency Boost (Only UP)	●	⊙
Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP)	●	●
Tinnitus Sound Generator	●	●

Fitting range



	RE961-DRWC RE962-DRW	RE761-DRWC RE762-DRW
FUNCTIONAL FEATURES		
Synchronized Push Button*	●	●
Synchronized Volume Control**	●	●
Smart Start	●	●
Phone Now	●	●
Comfort Phone	●	●
Ear-to-ear Communication	●	●
Direct audio streaming (Made for Apple)	●	●
ReSound TV Streamer 2, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●
ReSound Control™ app (Phone Clip+ is required)	●	●
ReSound Smart 3D™ app	●	●
RESOUND ASSIST		
Remote Fine-tuning	●	●
Remote Firmware Updates	●	●
FITTING FEATURES		
Fitting Software ReSound Smart Fit™ 1.3 or higher	●	●
Fully Flexible Programs	4	4
Auto DFS	●	●
Onboard Analyzer II	●	●
Noahlink Wireless	●	●
* Also including functionality for synchronized Push Button Volume Control ** Only for 62 models		

● Ultimate ⊙ Advanced

Compatibility overview

STREAMING, APP CONTROL AND WIRELESS ACCESSORIES

MARKET-LEADING WIRELESS ACCESSORIES

ReSound LiNX Quattro and ReSound wireless accessories work as an intelligent system for a seamless listening experience. You can offer your patients an entire ecosystem of wireless accessories to enhance their hearing experience on the phone, in noise, reverberation or over distance.



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 LiNX Quattro
	App use	ReSound Smart 3D
Android phones*	Phone call	ReSound LiNX Quattro and Phone Clip+
	App use	ReSound Smart 3D
Other Bluetooth-enabled phones	Phone call	ReSound LiNX Quattro and Phone Clip+
	App use	

* The ReSound Smart 3D app can be used on iPhone, iPad, iPod Touch and Android phones. Go to resoundpro.com/compatibility for the full list of compatible devices.



Control options

	ReSound Smart 3D	Phone Clip+	Remote Control 2
VOLUME AND PROGRAM FUNCTIONS			
Volume adjustments	Mon-/binaural	Binaural	Mon-/binaural
Hearing aid program selection	Direct select	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 optimization	•		
Sound Enhancer – wind, noise, speech adjustment*	•		
Sound Enhancer – bass/middle/treble adjustment	•		
Tinnitus Manager adjustments	•		
Create favorite program with or without geo-tags	•		
Program/Streamer name customization by user	•		
Find your lost hearing aid	•		
Phone operation		•	
Display of control options	•		•
Display battery status of rechargeable RIE 61	•		

* Available in ReSound LiNX Quattro 9

At ReSound, we understand how important it is for you to have a partner you can trust - one that not only has the latest technology, but also a shared commitment to go that extra mile to help people with hearing loss successfully adapt to life with hearing aids. So it's good to know we've been keeping our promise to help make life sound better for over 150 years, enabling you to help your patients hear more, do more and be more than they ever thought possible.

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

Find out how you can help your patients experience confidence in the finer details with ReSound LiNX Quattro™ at resoundpro.com

 facebook.com/resoundhearing

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 youtube.com/resoundus

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ReSound GN