



ReSound GN

## ReSound ENZO 3D™

For severe-to-profound hearing loss

Give your patients more  
clarity in any environment

A GUIDE FOR PROFESSIONALS



# Clarity in any environment

Our newest Smart Hearing aids improve clarity, connectivity and hearing care convenience for your patients with severe-to-profound hearing loss. No matter where your patients are, ReSound ENZO 3D™ helps them pick up more sounds and speech throughout their day.

## Your patients experience

# 60%

More clarity  
of the sounds  
around them\*

# 60%

Better speech  
understanding  
in noise\*\*

\*compared to binaural beamforming in hearing aids for severe-to-profound hearing loss  
(Effect of directional strategy on audibility of sounds in the environment for varying hearing loss severity.  
Jespersen C, Kirkwood B, Groth J., 2017).

\*\*with Binaural Directionality III compared to omni directionality  
(Binaural Directionality III compared to omni directional, data on file)

## With ReSound ENZO 3D your patients get:



**Superior  
sound quality**

Surround Sound by ReSound  
Binaural Directionality III  
Spatial Sense



**Simple connectivity  
and streaming**

2.4 GHz wireless technology  
Made for iPhone®  
Bluetooth Smart technology  
ReSound wireless accessories



**Intuitive control  
and personalization**

ReSound Smart 3D™ app  
ReSound Assist



**Discreet and  
durable design**

iSolate nanotech  
12 days of battery life\*.  
Smallest hearing aid\*\*.

\*applies to ReSound ENZO 3D BTE 98  
\*\* among severe-to-profound hearing loss

Find out more about ReSound ENZO 3D Smart Hearing aids at [resoundpro.com](https://resoundpro.com)





# Explore all the features of ReSound ENZO 3D technology

FEATURE	ADVANTAGE	BENEFIT
Binaural Directionality III		
	Continuous ear-to-ear exchange of data about the environment optimizes polar patterns and microphone settings in any listening situation.	Your patients can focus on the sounds that are important to them without losing touch with what's going on around them. By providing the brain with the right information from both ears, your patients can effortlessly follow conversations and shift attention naturally.
Spatial Sense		
	Combines algorithms that restore pinna cues and interaural level differences to provide the brain with natural acoustic information for spatial hearing.	Supports your patients' ability to 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		
	The hearing aids work together to analyze and accurately classify the listening environment, automatically adjusting gain and noise reduction settings.	This means your patients can enjoy optimal audibility and listening comfort, even when moving through rapidly changing sound environments.
Noise Tracker II		
	A unique spatial subtraction technology reduces unwanted noise without degrading the speech signal.	This improves your patients' comfort in noisy listening situations, without compromising speech understanding.
Sound Shaper		
	High frequency sounds that are not audible due to high frequency losses or cochlear dead regions are compressed in the frequency spectrum. A proportional relationship between input and output frequencies is maintained to minimize distortion.	This improves the audibility of speech cues that would otherwise have been lost, while maintaining the best sound quality possible.
DFS Ultra II		
	We were the first to launch Digital Feedback Suppression back in 1993, and now our unique, 2-channel, 2-filter system cancels acoustic feedback with even more precision.	This means your patients can enjoy extra comfort, better audibility and all the subtle nuances of rich sound, even in the most challenging situations.
Flexibility in amplification strategies and time constants		
	For better personalization to your patients' needs, ReSound ENZO 3D also offers compression modes as alternatives to WDRC that decrease the amount of applied compression – Semi-linear and Linear	This makes fitting more flexible by compensating for different loudness sensitivities, so you can provide comfortable sound levels for your patients.
Low frequency boost		
	A convenient tool to quickly fine-tune the gain of frequencies below 1000 Hz.	This makes it easier for you to meet your patients' preferences and provide a richer and fuller experience in sound quality.

# Give your patients seamless connectivity

Your patients' environments are continuously changing, and while the technology in ReSound ENZO 3D automatically adapts to each situation, sometimes there is a need for more control. With the new ReSound Smart 3D app, your patients have more opportunities for discreet personalization by tapping the quick buttons or using the Sound Enhancer for more adjustments.



## Sound Enhancer

When more clarity is needed, patients can increase speech focus, reduce noise and even reduce wind noise.



## Geo-tag favorite locations

Your patients can geo-tag adjustments as a 'favorite' program for the next time they arrive at the same location.

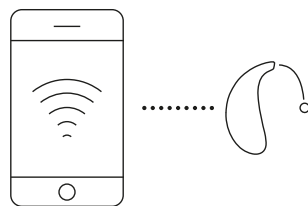


## Find my hearing aids

Your patients never lose track of their hearing aids, as they can view the last place they were connected to the phone on a map.



## Works like wireless headphones



Phone calls are one of the main challenges for patients with severe-to-profound hearing loss, but with ReSound ENZO 3D, phone calls are easy. Made for iPhone technology allows your patients to stream audio from an iPhone, iPad® or iPod touch® directly to their hearing aids - just like wireless stereo headphones.

And if your patients have an Android or any Bluetooth-enabled phone, they can still stream calls, music and more with a discreet ReSound Phone Clip+.

## 70% better speech understanding with FaceTime\*

When your patients use FaceTime® while streaming sound straight to their hearing aids, the clear visual and voice cues provide them with a 70% benefit in speech understanding, compared to a standard handheld phone.

\* Smart hearing for people with severe-to-profound hearing loss. Groth, J., 2017

# Take connectivity further with wireless accessories

Your patients with severe-to-profound hearing loss are very reliant on their hearing aids throughout every day. They can benefit even further by using ReSound wireless accessories for an enhanced hearing experience in noise and at a distance or in challenging acoustic environments. Makes it easier for your patients to keep up with the conversation in noisy environments.



## ReSound Micro Mic

Makes it easier for your patients to keep up with the conversation in noisy environments. It works at a range of up to 80 feet in clear line of sight.

## ReSound Multi Mic

Including the benefits of the Micro Mic, it can also be used as a table microphone. Your patients can connect with loop and FM systems\* and use the mini-jack input to stream audio to their hearing aids.

*\*FM receiver required*

## ReSound Phone Clip+

Clipped discreetly onto clothing, your patients are able to make clear phone calls, mute background noise while talking, and stream music, podcasts or any other audio from any Bluetooth-enabled phone.

## ReSound TV Streamer 2

Your patients can watch TV comfortably with the sound streamed directly to their hearing aids. So while their family is free to set their own volume, your patients can adjust the volume using their hearing aids or the app to listen at a level that works best for them.

Find out more about ReSound wireless accessories at [resoundpro.com](http://resoundpro.com)

## Smart Hearing Alliance



Smart Hearing Alliance



## Partnering for smarter hearing

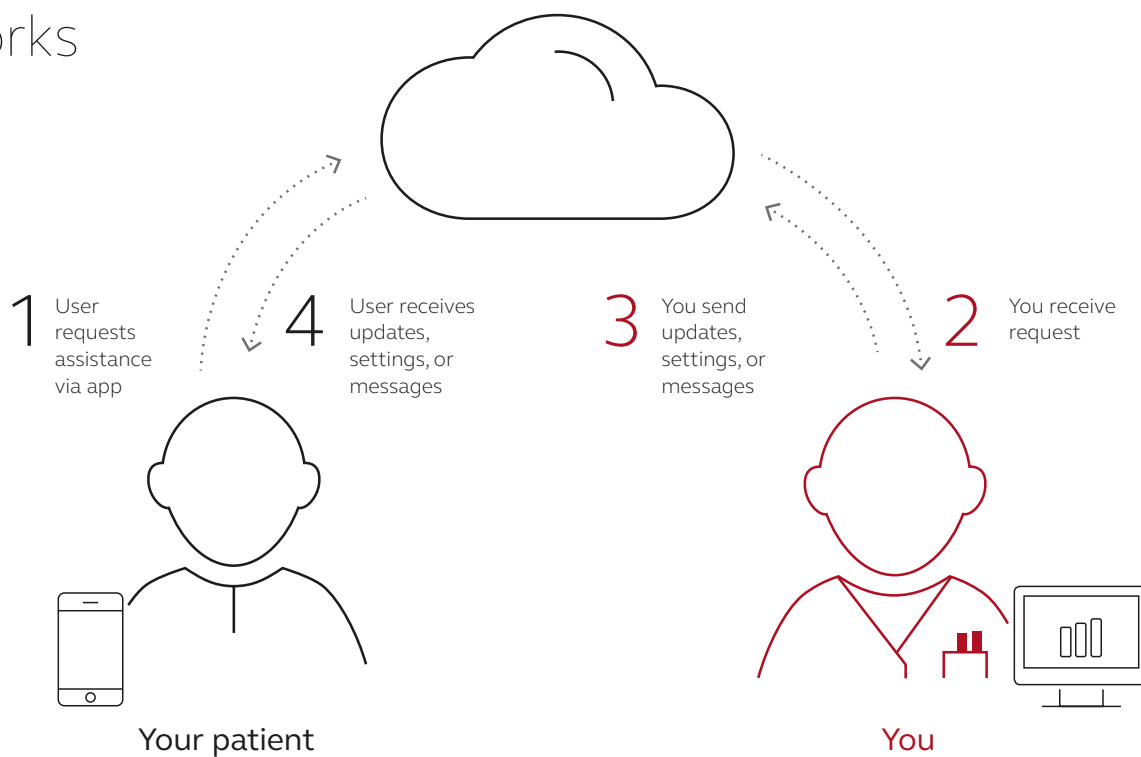
Cochlear and ReSound – two global leaders in pioneering better hearing solutions – have partnered to offer a smart bimodal hearing solution. Introducing the world's first and only smart bimodal hearing solution that's Made for iPhone. If your patients have a Cochlear Nucleus® 7 Sound Processor and a compatible ReSound hearing aid, they can stream sound directly to both ears at once from any compatible Apple device and our range of ReSound wireless accessories.

# Provide support and assurance

ReSound Smart Fit is your newest fitting software, updated to make navigation more intuitive and fitting more efficient for ReSound ENZO 3D. While the first fit will always take place in the clinic, the ReSound Assist feature in the fitting software gives you an extra option to stay in touch with your patients right in their everyday environment.



## Here's how ReSound Assist works







## Convenience pays off



After the first fit, more than a quarter of patient appointments are spent on fine-tuning their hearing aids.\* Now you can save scheduling time for you and traveling time for your patients.

*\* Groth, Bhatt, Raun & Jahn, 2017.*

## Stay closer to your patients

With the time you save, you will now have more time to support your patients based on their individual needs. With ReSound Assist your patients can, in their ReSound Smart 3D app, receive:

- Messages
- Fine-tunings
- Adjustments
- Hearing aid updates

Find out more about the opportunities of ReSound Smart Fit and ReSound Assist at [resoundpro.com](https://resoundpro.com)

Ensure  
long-lasting  
comfort  
with durable  
design

Your patients with severe-to-profound hearing loss rely on their hearing aids all day long. When they are busy and active, they need a hearing aid that can keep up. ReSound ENZO 3D hearing aids are designed for durability with a battery that lasts for 12 days, even when streaming calls and music for up to four hours per day.\* And with the smallest hearing aid on the market for severe-to-profound hearing loss, they remain as discreet and comfortable as they are reliable.

*\*applies to ReSound ENZO 3D BTE 98*



## Worry-free wear with iSolate nanotech

All components are coated with protective iSolate nanotech to repel water, earwax and debris. Because our intelligent design and iSolate nanotech coating keep the circuitry safe, ReSound ENZO 3D hearing aids are tested according to the IP58 standard for dust and water resistance.

## Product range



### BTE 88 AVAILABLE COLORS



### BTE 98 AVAILABLE COLORS



Find out more about design and product range at [resoundpro.com](https://resoundpro.com)



# Easy overview

ReSound Smart Hearing aids can work with:

- An iPhone, iPad or iPod touch
- A Phone Clip+
- Any combination of three streaming accessories
- A Remote Control 2

## Phone and app options

Phone		Compatible ReSound product
iPhone	Phone call	ReSound ENZO 3D
	App use	ReSound Smart 3D
Android phones (selected models)	Phone call	ReSound ENZO 3D and Phone Clip+
	App use	ReSound Smart 3D
Older iPhone or other Android phones	Phone call	ReSound ENZO 3D and Phone Clip+
	App use	ReSound Control
Other Bluetooth-enabled phones	Phone call	ReSound ENZO 3D and Phone Clip+
	App use	ReSound Control

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



## Control options

	ReSound Smart 3D	ReSound Control*	Phone Clip+	Remote Control 2
<b>VOLUME AND PROGRAM FUNCTIONS</b>				
Volume adjustments	Mon-/binaural	Mon-/binaural	Binaural	Mon-/binaural
Hearing aid program selection	Direct select	Direct select	Toggle (1-2-3-1...)	Toggle (1-2-3-1...)
Streamer selection	Direct select	Direct select		Toggle (1-2-3-1...)
Balance hearing aid volume vs. streaming volume	■	■		■
Hearing aid mute	■	■	■	■
<b>OTHER FUNCTIONS</b>				
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	■	■		■



## Streaming options

	Phone Clip+	Multi Mic	Micro Mic	TV Streamer 2
<b>STREAMER FUNCTIONALITY</b>				
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)		■		

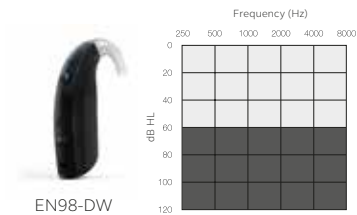
# Technology levels



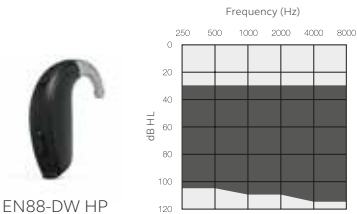
Model	ReSound ENZO 3D 9	ReSound ENZO 3D 7	ReSound ENZO 3D 5
<b>AUDIOLOGICAL FEATURES</b>			
WARP compression (WDRC) - number of channels	17	14	12
Environmental Classifier	■	■	■
Binaural Directionality III	■	-	-
Spatial Sense	■	-	-
Binaural Directionality	-	■	-
Natural Directionality II	■	■	■
Directional Mix Processor	■	■	■
Adjustable directional mix	■	-	-
Synchronized SoftSwitching	■	■	-
SoftSwitching	-	-	■
Autoscope Adaptive Directionality	■	-	-
Multiscope Adaptive Directionality	-	■	-
Adaptive Directionality	-	-	■
Binaural Environmental Optimizer II	■	-	-
Environmental Optimizer	-	■	-
NoiseTracker II	■	■	□
Expansion	■	■	□
Windguard	■	■	□
Sound Shaper	■	■	■
DFS Ultra II	■	■	■
Music Mode	■	■	■
LowFrequency Boost	■	■	□
Amplification strategy (WDRC/Semi-Linear/Linear)	■	■	■
Synchronized Acceptance Manager	■	■	■
Tinnitus Sound Generator	■	■	■
<b>FUNCTIONAL FEATURES</b>			
Synchronized Push Button	■	■	■
Synchronized Volume Control	■	■	■
Smart Start	■	■	■
Phone Now	■	■	■
Comfort Phone	■	■	■
Ear to Ear Communication	■	■	■
Direct audio streaming (Made for iPhone)	■	■	■
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	■	■	■
<b>RESOUND ASSIST</b>			
Remote Fine Tuning	■	■	■
Remote hearing aid updates	■	■	■
<b>FITTING FEATURES</b>			
Fitting Software Smart Fit™ 1.1 or higher	■	■	■
Fully Flexible Program	4	4	4
Available gain handles	9	7	6
Auto DFS	■	■	■
Onboard Analyzer II	■	■	■
Wireless Fitting with Airlink™ 2/ Noahlink Wireless	■	■	■

■ Basic  
 ■ Advanced  
 ■ Ultimate

# Technical specifications



ET98-DW				
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	61	54	dB
Full-on gain (50 dB SPL input)	Max.	86	83	dB
	1600 Hz/HFA	75	69	
Maximum output (90 dB SPL input)	Max.	145	141	dB SPL
	1600 Hz/HFA	136	131	



ET88-DW HP				
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	59	52	dB
Full-on gain (50 dB SPL input)	Max.	80	73	dB
	1600 Hz/HFA	73	68	
Maximum output (90 dB SPL input)	Max.	140	132	dB SPL
	1600 Hz/HFA	135	129	



Like you, we place people with hearing loss at the heart of everything we do. Together we can create a world where more people with hearing loss successfully adapt to a life with hearing aids – one that makes them feel more involved, connected and in control. ReSound® empowers people to 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 get the most out of their hearing experience with ReSound ENZO 3D at [resoundpro.com](https://resoundpro.com)

 [facebook.com/resoundhearing](https://facebook.com/resoundhearing)

 [twitter.com/resoundus](https://twitter.com/resoundus)

 [youtube.com/resoundus](https://youtube.com/resoundus)

#### Manufacturer according to FDA:

##### ReSound North America

8001 E. Bloomington Freeway  
Bloomington, MN 55420  
1.800.248.4327  
[resoundpro.com](https://resoundpro.com)

##### ReSound Government Services

8001 E. Bloomington Freeway  
Bloomington, MN 55420  
1.800.392.9932  
[resound.com/governmentservices](https://resound.com/governmentservices)

#### Manufacturer according to Health Canada:

##### ReSound Canada

303 Supertest Road  
Toronto, Ontario M3J 2M4  
1.888.737.6863  
[resoundpro.com](https://resoundpro.com)

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