

# ReSound ENZO 3D™

## 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

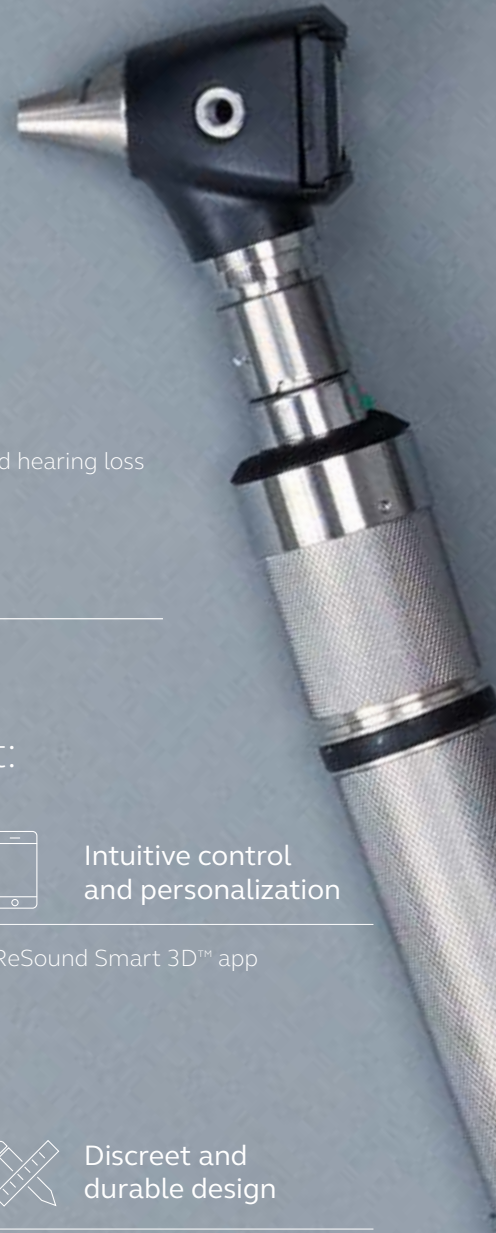
**60%**  
More clarity  
of the sounds  
around them\*

**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



**Intuitive control  
and personalization**

ReSound Smart 3D™ app



**Simple connectivity  
and streaming**

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










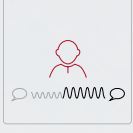
**Discreet and  
durable design**

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

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

*\*\* among severe-to-profound hearing loss*

# Explore all the features of ReSound ENZO 3D technology

FEATURE	ADVANTAGE	BENEFIT
<p><b>Binaural Directionality III</b></p> 	<p>Continuous ear-to-ear exchange of data about the environment optimizes polar patterns and microphone settings in any listening situation.</p>	<p>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.</p>
<p><b>Spatial Sense</b></p> 	<p>Combines algorithms that restore pinna cues and interaural level differences to provide the brain with natural acoustic information for spatial hearing.</p>	<p>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.</p>
<p><b>Binaural Environmental Optimizer II</b></p> 	<p>The hearing aids work together to analyze and accurately classify the listening environment, automatically adjusting gain and noise reduction settings.</p>	<p>This means your patients can enjoy optimal audibility and listening comfort, even when moving through rapidly changing sound environments.</p>
<p><b>Noise Tracker II</b></p> 	<p>A unique spatial subtraction technology reduces unwanted noise without degrading the speech signal.</p>	<p>This improves your patients' comfort in noisy listening situations, without compromising speech understanding.</p>
<p><b>Sound Shaper</b></p> 	<p>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.</p>	<p>This improves the audibility of speech cues that would otherwise have been lost, while maintaining the best sound quality possible.</p>
<p><b>DFS Ultra II</b></p> 	<p>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.</p>	<p>This means your patients can enjoy extra comfort, better audibility and all the subtle nuances of rich sound, even in the most challenging situations.</p>
<p><b>Flexibility in amplification strategies and time constants</b></p> 	<p>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</p>	<p>This makes fitting more flexible by compensating for different loudness sensitivities, so you can provide comfortable sound levels for your patients.</p>
<p><b>Low frequency boost</b></p> 	<p>A convenient tool to quickly fine-tune the gain of frequencies below 1000 Hz.</p>	<p>This makes it easier for you to meet your patients' preferences and provide a richer and fuller experience in sound quality.</p>

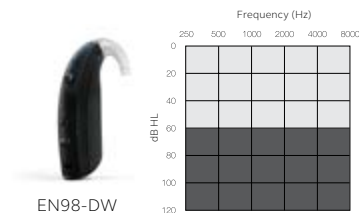
# ReSound ENZO 3D

## Key features

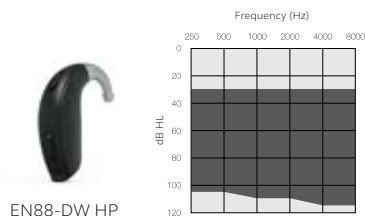


Model	ReSound ENZO 3D
<b>AUDIOLOGICAL FEATURES</b>	
WARP compression (WDRC) - number of channels	17
Environmental Classifier	■
Binaural Directionality III	■
Spatial Sense	■
Natural Directionality II	■
Directional Mix Processor	■
Adjustable directional mix	■
Synchronized SoftSwitching	■
Autoscope Adaptive Directionality	■
Binaural Environmental Optimizer II	■
NoiseTracker II	■
Expansion	■
Windguard	■
Sound Shaper	■
DFS Ultra II	■
Music Mode	■
Low Frequency 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>FITTING FEATURES</b>	
Fitting Software Smart Fit™ 1.1 or higher	■
Fully Flexible Program	4
Available gain handles	9
Auto DFS	■
Onboard Analyzer II	■
Wireless Fitting with Airlink™ 2/ Noahlink Wireless	■

# 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	