

ReSound ENZO²



EN88-DW

EN88-DW HP

The only smart high power hearing solution

With ReSound ENZO²™, your patients with severe and profound hearing loss can experience the clearest and most vibrant sound quality. ReSound ENZO² is a revolution in the way super power users easily access the sounds that are important in their life.

With a special implementation of Surround Sound by ReSound™ your patients with severe and profound hearing loss get better speech understanding and a clear and comfortable hearing experience, without noise and feedback. A wide range of fitting rationales secure the optimal amplification mode to match experience and personal preferences.

ReSound ENZO² offers Made for iPhone functionality, so your patients can enjoy e.g. phone calls, video chatting or listening to music on the go with no need for an intermediary device. Also, it connects to the full range of ReSound Unite™ accessories. With the ReSound Smart™ app, your patients can personalize and control their hearing experience in an easy, discreet and intuitive way from iOS devices.

ReSound ENZO² is for patients looking for maximum power. ReSound ENZO² is iSolate™ nanotech coated inside and outside.

Product features

- Wireless connectivity to ReSound Unite accessories
- Wireless ear-to-ear communication
- Full iSolate™ nanotech coating
- Push button and volume control with programmable power down and mute function
- Choice of linear, semi-linear or WDRC sound processing
- Output compression options
- Low frequency boost
- Size 13 battery
- Telecoil with T and MT modes
- Supports standard earmold fittings

Options

- Battery door with integrated On/Off switch and lock
- Click-on FM
- Standard hook and metal hook for high power configuration

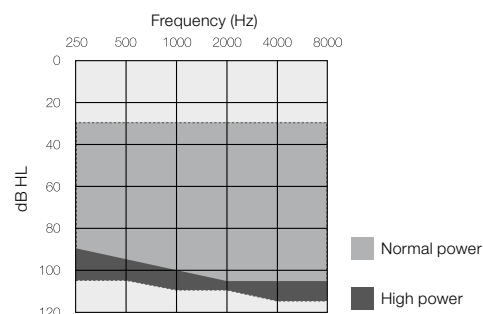
Fitting software

- Aventa fitting software version 3.10
- Wireless fitting with Airlink™
- Speedlink, HI-Pro, or NOAHlink programming interfaces
- Programming adaptor with CS44 socket cable (with a fresh battery)

Model	EN988-DW EN988-DW HP	EN788-DW EN788-DW HP	EN588-DW EN588-DW HP
Device features			
Battery size	13		
Functional features			
Fully flexible programs	4	4	4
Synchronized push button	●	●	●
Synchronized volume control	●	●	●
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●	●	●
Ear-to-Ear communication	●	⊙	○
Direct audio streaming (Made for iPhone)	●	●	●
Resound wireless TV Streamer 2, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●
ReSound Control™ app (Phone Clip+ required)	●	●	●
ReSound Smart™ app	●	⊙	⊙
Audiological features			
WARP compression - number of channels	17	17	9
Environmental Classifier	●	●	●
Binaural Directionality II	●		
Spatial Sense™	●		
Binaural Directionality™		●	
Directional Mix Processor	●	●	●
-Adjustable directional mix	●		
Natural Directionality™ II	●	●	●
Synchronized SoftSwitching™	●	●	
Softswitching™			●
Autoscope Adaptive Directionality™	●		
Multiscope Adaptive Directionality™		●	
Adaptive Directionality			●
Binaural Environmental Optimizer™ II	●		
Environmental Optimizer™		●	
NoiseTracker™ II	●	⊙	○
Expansion	●	●	●
Windguard™	●	⊙	○
Sound Shaper™	●	●	●
Low Frequency Boost	●	⊙	○
DFS Ultra™ II	●	●	●
-Music Mode™	●	●	●
Auto DFS™	●	●	●
Synchronized Acceptance Manager™	●	●	●
Amplification strategy (WDRC/Semilinear/Linear)	●	●	⊙
Tinnitus Sound Generator with Nature Sounds	●	●	●
Fitting features			
Fitting software Aventa 3.10	●	●	●
Onboard Analyzer™ II	●	●	●
In Situ Audiometry	●	●	●
Wireless fitting with Airlink™	●	●	●

○ Basic
● Advanced
⊙ Ultimate

Fitting Range



ReSound ENZO² is compatible with iPhone 6 Plus, iPhone 6, iPhone 5s, iPhone 5c, iPhone 5, iPad Air 2, iPad Air, iPad (4th generation), iPad mini 3, iPad mini 2, iPad mini and iPod touch (5th generation) using iOS 7.X or later.

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rediscover hearing

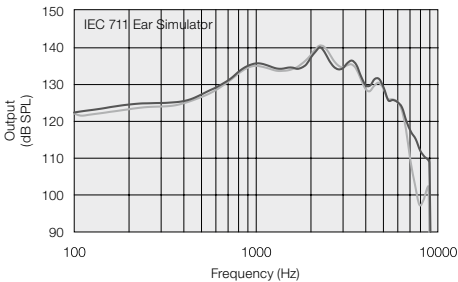
ReSound ENZO2™

Technical Specifications

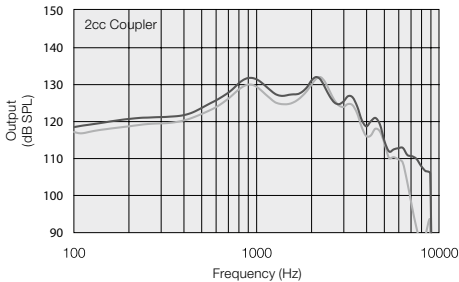
		EN88-DW		EN88-DW HP		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	54	51	59	52	dB
Full-on gain (50 dB SPL input)	Max.	74	67	80	73	dB
	1600 Hz/HFA	67	63	73	68	
Maximum output (90 dB SPL input)	Max.	140	132	140	132	dB SPL
	1600 Hz/HFA	134	128	135	129	
Total harmonic distortion	500 Hz	0.5	0.5	1.1	0.8	%
	800 Hz	1.1	0.5	1.2	0.6	
	1600 Hz	0.4	0.3	0.7	0.4	
Telecoil sensitivity (1 mA/m input)	Max.	102		106		dB SPL
	HFA - SPLIV @ 31.6 mA/m (ANSI)		111		112	
	Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	95	99	96	
Equivalent input noise, w/o Noise reduction		23	22	22	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		12	-	11		
Frequency range (DIN 45605/ANSI)		100-6652	100-6020	100-5960	100-4740	Hz
Current drain		1.2	1.4	1.1/1.3	1.2/1.4	mA

Data in accordance with IEC 60118-0, IEC 60118-7;
Supply Voltage 1.3 V.

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)

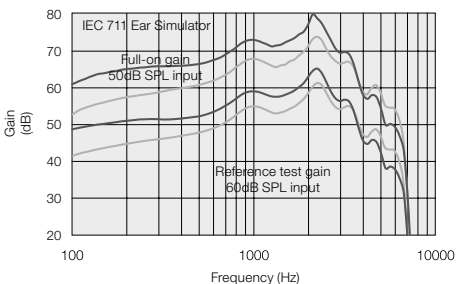


Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

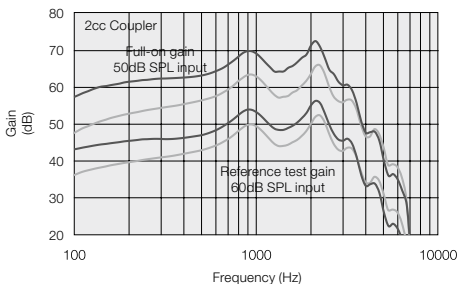
Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

Measured according to IEC 60118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 and ANSI S3.22-2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise.

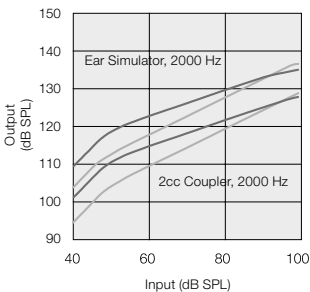
Full-On and Reference Test Gain



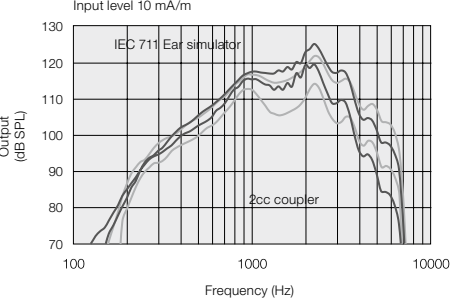
Full-On and Reference Test Gain



Input/Output Response



Full-On Telecoil Response



— Normal Power
— High Power

ReSound North America
8001 Bloomington Freeway
Bloomington, MN 55420
1-800-248-4327
resoundpro.com

ReSound Government Services
8001 Bloomington Freeway
Bloomington, MN 55420
1-800-392-9932
resoundgov.com

ReSound Canada
303 Supertest Road
Toronto, Ontario M3J 2M4
1-888-737-6863
resoundpro.com

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