

ReSound ENZO²™

The only smart super 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 super power patients 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 is Made for iPhone, so your patients can enjoy phone calls, video chatting or listening to music on the go - and everything else iPhone, iPad or iPod touch have to offer 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 programmable Volume Control
- 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 675 battery
- Telecoil with T and MT modes
- Supports Standard Earmold fittings

Options

- Battery door with integrated On/Off switch and lock
- Battery door integrated Direct Audio Input and FM adaptor
- 10 different color combinations
- Standard hook and mini hook

Fitting Software

- Aventa fitting software version 3.9 or higher
- Wireless fitting with Airlink™
- Speedlink, HI-Pro, or NOAHlink programming interfaces
- Battery integrated programming adapter with CS44 socket cable (with a fresh battery)



ReSound ENZO² is compatible with iPhone 6, iPhone 6 Plus, 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. Apple, the Apple logo, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

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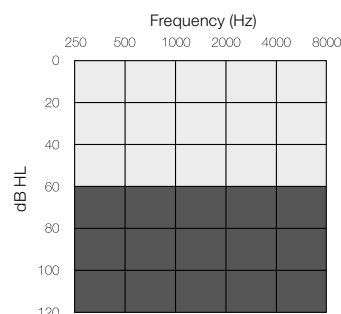


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Device Features			
Battery size	675		
Colors available	10		
Functional Features			
Fully flexible programs	4	4	4
Synchronized push button	●	●	●
Synchronized volume control	●	●	●
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●	●	●
Ear-to-Ear communication	●	⊙	○
Direct audio streaming (Made for iPhone)	●	●	●
ReSound Unite™ TV Streamer 2, Remote Control 2, Phone Clip+, Mini Microphone	●	●	●
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 3.9 or higher	●	●	●
Onboard Analyzer™ II	●	●	●
In Situ Audiometry	●	●	●
Wireless fitting with Airlink™ 2	●	●	●

○ Basic
● Advanced
● Ultimate

Fitting Range



ReSound

rediscover hearing

ReSound ENZO²™

EN 98-DW

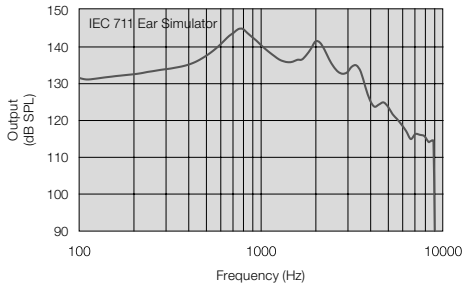
Technical specifications

		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 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	
Total harmonic distortion	500 Hz	3.5	3.0	%
	800 Hz	1.0	0.7	
	1600 Hz	1.2	0.9	
Telecoil sensitivity (1 mA/m input)	Max.	116	-	dB SPL
HFA-SPLIV Telecoil sensitivity @ 31.6 mA/m(ANSI)	HFA	-	116	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz / HFA	106	101	
Equivalent input noise w/o Noise reduction		22	26	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	9	-	
Frequency range (DIN 45605)		100-5830	100-5860	Hz
Current Drain (Quiescent / Operating)		1.3 / 1.7	1.3 / 3.3	mA

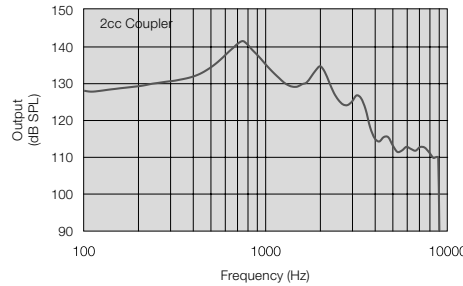
Data in accordance with IEC 60118-0, IEC 60118-7;
Supply Voltage 1.3 V.

Patents pending

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)

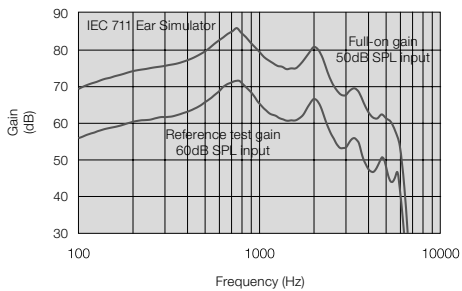


Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

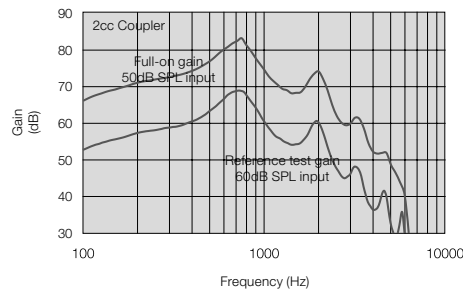
Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

All specifications are subject to change without notice

Full-On and Reference Test Gain

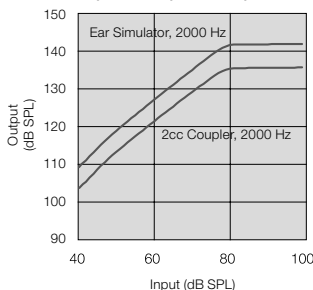


Full-On and Reference Test Gain

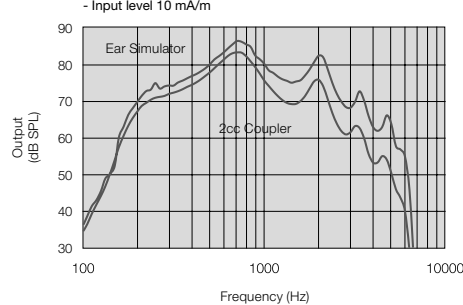


Measured according to IEC 60118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 (DIN average calculated at 500 Hz, 1000 Hz and 2000 Hz; HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise.

Input/Output Response



Telecoil response



400504011-US-15.08-Rev.A

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