

ReSound ENZO 3D™



ET 98-DW

Product Description

ReSound ENZO 3D is a complete super power hearing solution. It is capable of providing the industry's highest amplification without feedback. It offers exceptional clarity and sound quality, and balances improved hearing in noise with preserved access to environmental sounds.

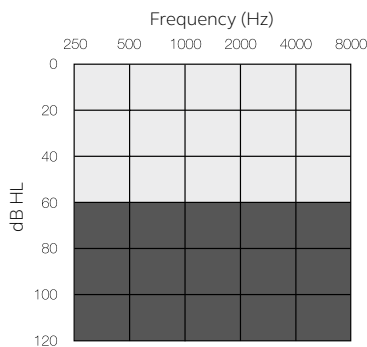
The Smart Range C platform in ReSound ENZO 3D supports our 5th generation of 2.4 GHz wireless technology. This allows ear-to-ear communication along with direct connection to the ReSound Smart 3D™ app, and lets the hearing aids connect wirelessly to iPhone, iPad, iPod touch, and select Android models* via Bluetooth 4.0.

It also includes the industry-first ReSound Assist, which brings you even closer to your patients by offering fine-tuning and hearing aid update opportunities remotely via secure cloud technology.

ReSound ENZO 3D SP BTE hearing aids are iSolate™ nanotech coated for optimum durability and meet the IP58 classification for ingress protection.

*See more on resound.com/compatibility

Fitting Range



ReSound ENZO 3D is compatible with iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone SE, iPhone 5s, iPhone 5c, iPhone 5, iPad Pro (12.9-inch), iPad Pro (9.7-inch), iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad mini 2, iPad mini, iPad (5th generation), iPad (4th generation), iPod touch (6th generation) and iPod touch (5th generation) using iOS 8.X or later.

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Model	ET998-DW	ET798-DW	ET598-DW
Device Configurations			
Battery size	675		
Audiological Features			
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	●	●	●
Synchronized Acceptance Manager	●	●	●
LowFrequency Boost	●	⊙	○
Amplification strategy (WDRC/Semi-Linear/Linear)	●	●	⊙
Tinnitus Sound Generator	●	●	●
Functional Features			
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	●	●	●
ReSound Assist			
Remote Fine Tuning	●	●	●
Remote Hearing Aid Updates	●	●	●
Fitting Features			
Fitting Software Smart Fit™ 1.1 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Datalogging (Onboard Analyzer II)	●	●	●
Wireless Fitting with Airlink™ 2/ Noahlink Wireless	●	●	●

○ Basic
● Advanced
● Ultimate



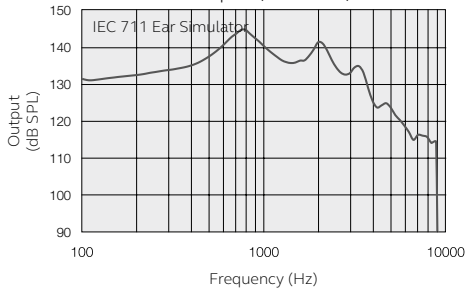
Technical Specifications

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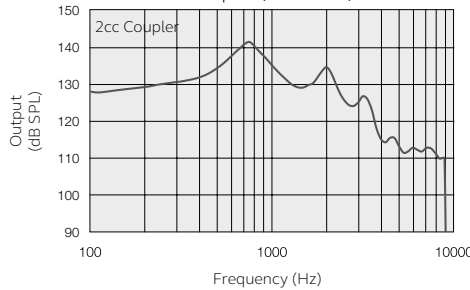
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	61	54	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	86 75	83 69	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	145 136	141 131	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	3.5 1.0 1.2	4.0 0.7 0.9	%
Telecoil sensitivity (1 mA/m input)	Max.	116	-	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	-	116	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	106	101	
Equivalent input noise		22	26	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		9	-	dB SPL
Frequency range (DIN 45605/ANSI)		100-5830	100-5860	Hz
Current drain		1.3/1.7	1.3/3.3	mA

Patents pending

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)

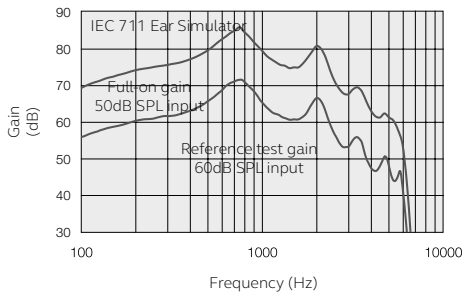


Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler

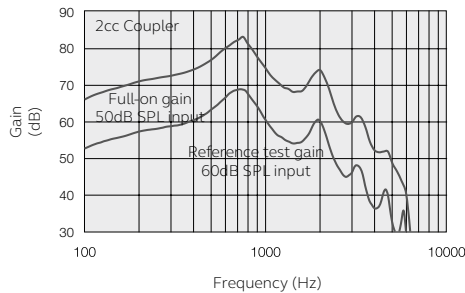
Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

All specifications are subject to change without notice

Full-On and Reference Test Gain

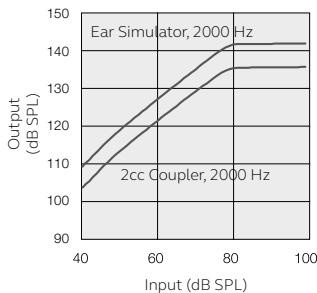


Full-On and Reference Test Gain

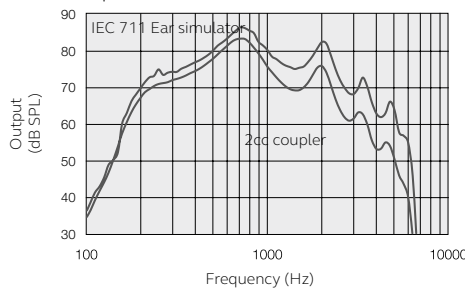


Measured according to IEC 60118-0, Edition 3 2015-06 at 1.3V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC60318-5 2006. Response on 2cc according to IEC 60118-7 2nd edition, 2005-10 and ANSI S3.22-2009 (HFA average calculated at 1,000Hz, 1,600Hz, and 2,500Hz); 0 dB SPL sound pressure equals 20µPa). All measurements without DSP and features activated unless indicated otherwise.

Input/Output Response



Full-On Telecoil Response
Input level 10 mA/m



Manufacturer according to FDA:

ReSound North America
8001 Bloomington Freeway
Bloomington, MN 55420
1-888-735-4327
resound.com

Manufacturer according to Health Canada:

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

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