

# ReSound Enya™



EY88-DW

EY88-DW HP

## Product Description

The ReSound Enya™ Power Behind-the-Ear (PBTE) 88 hearing instrument supports power (plastic hook) and high power (metal hook) configurations.

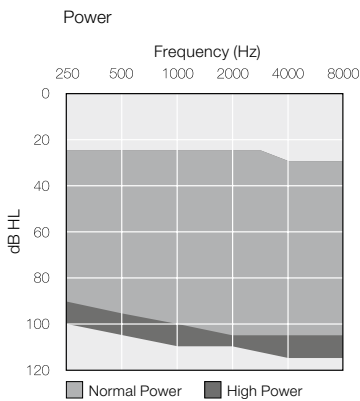
The ReSound Range™ II chip, featuring 2.4 GHz wireless technology, enables the hearing instrument to connect to the complete line of ReSound Unite™ wireless accessories.

The PBTE 88 model features a push button, volume control, and supports telecoil and Direct Audio Input (DAI).

ReSound Enya PBTE 88 supports standard earmould fittings.

All ReSound Enya PBTE 88 hearing instruments are iSolate™ nanotech coated for optimum durability.

## Fitting Range



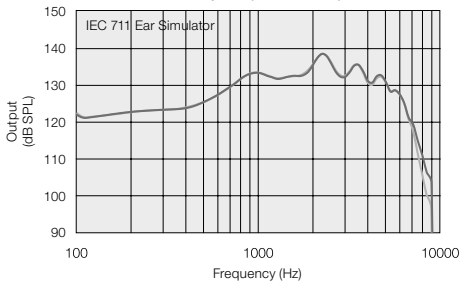
Model	EY488-DW EY488-DW HP	EY388-DW EY388-DW HP	EY288-DW EY288-DW HP
<b>Device Features</b>			
Battery size	13		
Colors available	5		
<b>Functional Features</b>			
Fully flexible programs	4	4	3
Synchronised push button	●		
Synchronised volume button	●		
SmartStart™	●	●	●
PhoneNow™	●	●	●
Comfort Phone™	●		
Ear-to-Ear communication	●		
ReSound Unite™ TV Streamer	●	●	
ReSound Unite™ TV Streamer 2	●	●	
ReSound Unite™ Remote Control	●	●	●
ReSound Unite™ Remote Control 2	●	●	●
ReSound Unite™ Phone Clip+	●	●	
ReSound Unite™ Mini Microphone	●	●	
ReSound Control™ app (Phone Clip+ required)	●	●	
<b>Audiological Features</b>			
WARP compression -number of channels	10	8	6
Softswitching™	●	●	
Adaptive Directionality™	●	●	●
Fixed Directionality	●	●	●
NoiseTracker™ II	●	●	●
Expansion	●	●	●
Windguard™	●	●	
DSF Ultra™ II	●	●	●
Auto DFS™	●	●	●
Tinnitus Sound Generator	●	●	●
<b>Fitting Features</b>			
Fitting software Aventa 3.9 or higher	●	●	●
Available gain handles*	Max 10	Max 8	Max 6
Onboard Analyzer™ II	●	●	●
Safe Fitting	●	●	●
In Situ Audiometry	●	●	●
Wireless fitting with Airlink™ 2	●	●	●
* Can vary per country			

# Technical Specifications

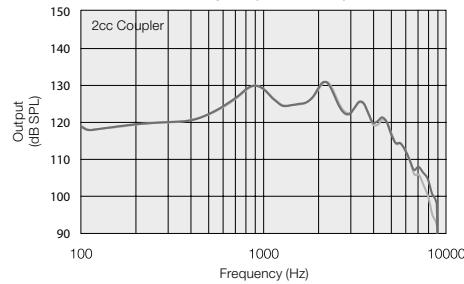
		EY88-DW		EY88-DW HP		
		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	55	51	57	50	dB
Full-on gain (50 dB SPL input)	Max.	74	67	80	72	dB
	1600 Hz/HFA	66	62	72	68	
Maximum output (90 dB SPL input)	Max.	139	131	139	131	dB SPL
	1600 Hz/HFA	133	128	133	128	
Total harmonic distortion	500 Hz	1.2	1.0	1.3	0.7	%
	800 Hz	0.8	0.4	0.7	0.4	
	1600 Hz	0.7	0.5	0.5	0.3	
Telecoil sensitivity (1 mA/m input)	Max.	103		108		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		111		110	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	95	92	100	98	
Equivalent input noise		23	20	23	21	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		9		9		
Frequency range (DIN 45605/ANSI)		100-7080	100-6170	100-6240	100-4960	Hz
Current drain		1.1 / 1.2	1.1 / 1.2	1.1 / 1.2	1.1 / 1.1	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)

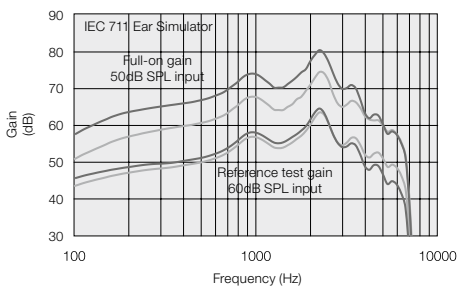


**Notes:**  
 O.E.S. = Occluded Ear Simulator  
 2cc = 2 cm<sup>3</sup> coupler  
 Pi = Acoustic input signal

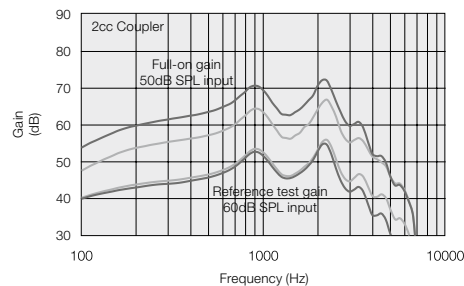
**Basic settings:**  
 Full-on Gain, Reference Test Gain  
 MPO = Maximum Power Output  
 Maximum Band Width

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.

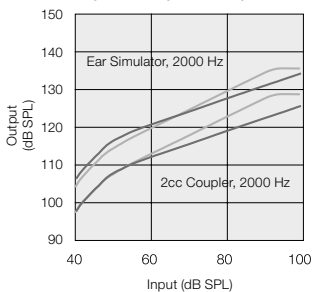
Full-On and Reference Test Gain



Full-On and Reference Test Gain

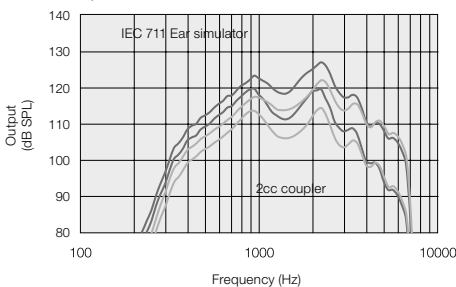


Input/Output Response



Full-On Telecoil Response

Input level 10 mA/m



— Normal Power  
 — High Power

Patents pending

All specifications are subject to change without notice

400458000-GB-15.04-Rev.A

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**ReSound**

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