

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).

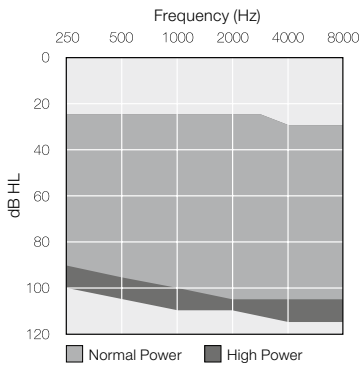
ReSound Enya PBTE 88 supports standard earmold fittings.

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

| Model | EY388-DW EY388-DW HP | EY288-DW EY288-DW HP |
|---|-------------------------|-------------------------|
| Device Features | | |
| Battery size | 13 | |
| Colors available | 5 | |
| Functional Features | | |
| Fully flexible programs | 4 | 3 |
| SmartStart™ | ● | ● |
| PhoneNow™ | ● | ● |
| ReSound Unite™ TV Streamer 2 | ● | |
| ReSound Unite™ Remote Control 2 | ● | ● |
| ReSound Unite™ Phone Clip+ | ● | |
| ReSound Unite™ Mini Microphone | ● | |
| ReSound Control™ app (Phone Clip+ required) | ● | |
| Audiological Features | | |
| WARP compression -number of channels | 8 | 6 |
| Softswitching™ | ● | |
| Adaptive Directionality™ | ● | ● |
| Fixed Directionality | ● | ● |
| NoiseTracker™ II | ● | ● |
| Expansion | ● | ● |
| Windguard™ | ● | |
| DSF Ultra™ II | ● | ● |
| Auto DFS™ | ● | ● |
| Tinnitus Sound Generator | ● | ● |
| Fitting Features | | |
| Fitting software Aventa 3.9 or higher | ● | ● |
| Onboard Analyzer™ II | ● | ● |
| Safe Fitting | ● | ● |
| In Situ Audiometry | ● | ● |
| Wireless fitting with Airlink™ 2 | ● | ● |

Fitting Range

Power

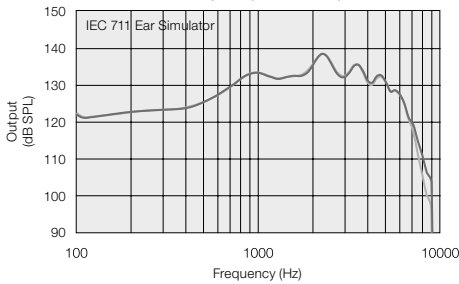


Technical Specifications

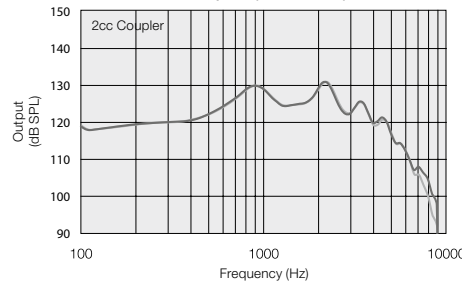
| | | EY88-DW | | EY88-DW HP | | |
|--|-------------|---|--|---|--|--------|
| | | IEC 60118-0 IEC 711 Ear simulator | IEC 60118-7 ANSI S3.22 2cc coupler | IEC 60118-0 IEC 711 Ear simulator | IEC 60118-7 ANSI S3.22 2cc coupler | |
| Reference test gain (60 dB SPL input) | 1600 Hz/HFA | 55 | 51 | 57 | 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 | | 1.2 | 1.2 | 1.2 | 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)

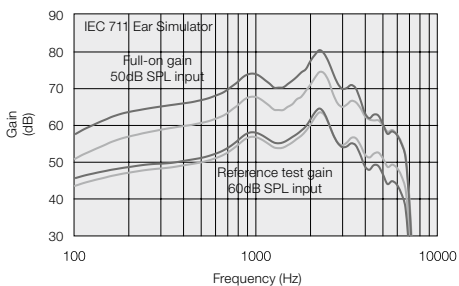


Notes:
 O.E.S. = Occluded Ear Simulator
 2cc = 2 cm³ coupler
 Pi = Acoustic input signal

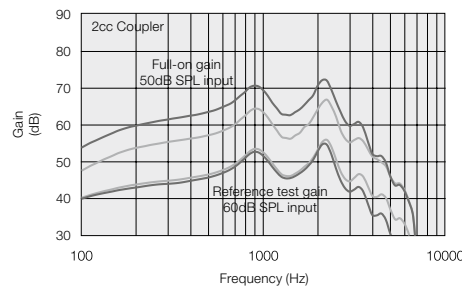
Basic settings:
 Full-on Gain, Reference Test Gain
 MPO = Maximum Power Output
 Maximum Band Width

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.

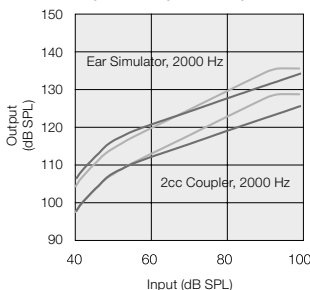
Full-On and Reference Test Gain



Full-On and Reference Test Gain

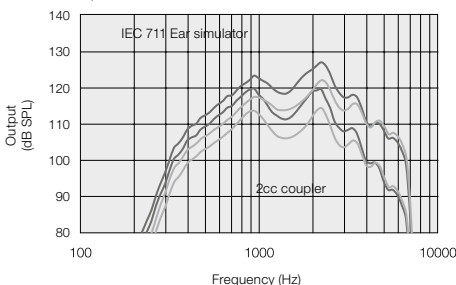


Input/Output Response



Full-On Telecoil Response

Input level 10 mA/m



— Normal Power
 — High Power

Patents pending

All specifications are subject to change without notice

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

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

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

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