# ReSound Enzo™ Core



EC98-DW

| Model | EC498-DW | EC398-DW | EC298-DW |
|---|---|---|---|
| **Device Configurations** | | | |
| Battery size | 675 | | |
| Control Options | Push button<br>Multi-Function button<br>Telecoil | | |
| IP Classification | IP68 | | |
| **Audiological Features** | | | |
| Channels | 12 | 12 | 10 |
| Binaural Directionality III | ● | - | - |
| Spatial Sense | ● | - | - |
| Autoscope Adaptive Directionality (w/Adjustable Directional Mix) | ● | ● | - |
| Adjustable Directional Mix | ● | ● | - |
| Sychronised Soft Switching | ● | ● | ● |
| Streaming Bass Boost | 2 Settings | 1 Setting | 1 Setting |
| Fixed Directionality | ● | ● | ● |
| Environmental Optimizer I | ● | - | - |
| Noise Tracker II | 2 Settings | 1 Setting | 1 Setting |
| Wind Guard | 2 Settings | 1 Setting | 1 Setting |
| Impulse Noise Reduction | 2 Settings | 1 Setting | - |
| Expansion | 2 Settings | 1 Setting | 1 Setting |
| Sound Shaper | ● | ● | ● |
| DFS Ultra III | ● | ● | ● |
| Synchronised Acceptance Manager | ● | ● | ● |
| Low frequency boost | ● | ● | - |
| Amplification strategy (WDRC/Semi-Linear/Linear) | ● | ● | ● |
| Tinnitus Sound Generator | ● | ● | ● |
| **Functional Features** | | | |
| Ear-to-Ear Communication | ● | ● | ● |
| Direct audio streaming (compatible iOS and Android™ devices) | ● | ● | ● |
| TV-Streamer 2 and Remote Control | ● | ● | ● |
| ReSound Smart 3D™ app | ● | ● | ● |
| **Remote Fine Tuning and Updates** | | | |
| ReSound Assist | ● | ● | ● |
| ReSound Assist Live | ● | ● | ● |
| Remote Firmware Updates | ● | ● | ● |
| **Fitting Features** | | | |
| Fitting Software ReSound Smart Fit™ 2.3 or higher | ● | ● | ● |
| Fully Flexible Programs | 4 | 4 | 4 |
| Datalogging | ● | ● | ● |
| Wireless fitting with Noahlink Wireless | ● | ● | ● |

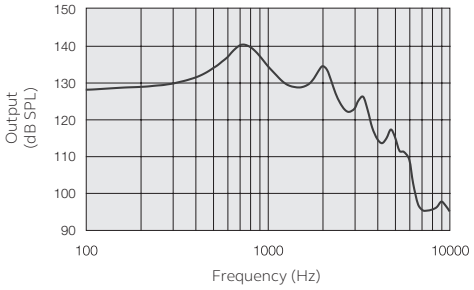
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# Technical Specifications

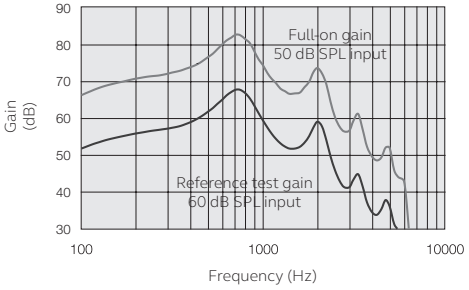
| | | EC98-DW<br>ANSI S3.22-2014<br>IEC 60118-0:2022<br>2CC coupler | |
|---|---|---|---|
| Reference test gain (60 dB SPL input) | HFA | 53 | dB |
| Full-on gain (50 dB SPL input) | Max.<br>HFA | 83<br>67 | dB |
| Maximum output (90 dB SPL input) | Max.<br>HFA | 141<br>130 | dB SPL |
| Total harmonic distortion | 500 Hz<br>800 Hz<br>1600 Hz<br>3200 Hz | 4.2<br>0.5<br>0.7<br>0.2 | % |
| Telecoil sensitivity (10 mA/m input) | Max. | 133 | dB SPL |
| HFA - SPLIV @ 31.6 mA/m (ANSI) | HFA | 113 | |
| Full-on telecoil sensitivity @ 10mA/m | HFA | 118 | |
| Equivalent input noise, w/o Noise reduction | HFA | 27 | dB SPL |
| 1/3 Octave Equivalent input noise, w/o Noise reduction | 1600 Hz | 8 | dB SPL |
| Frequency range | | ≤200 - 5200 | Hz |
| Current Drain (Quiescent / Operating) | | 1.3/3.3 | mA |

Patents pending.

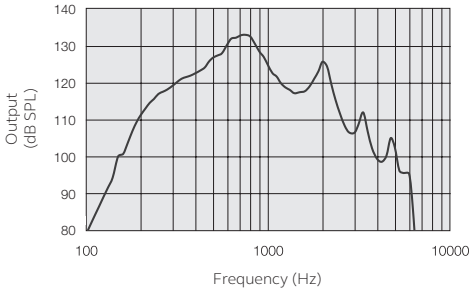
Maximum Output (OSPL 90)



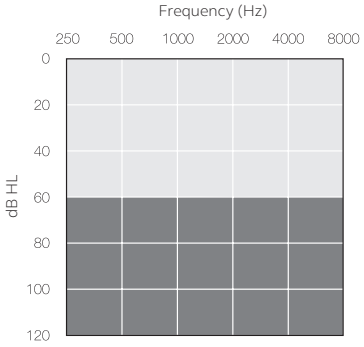

Full-On and Reference Test Gain




Full-On Telecoil Response*
Input level 10 mA/m




Fitting range




All specifications are subject to change without notice.


**Worldwide Headquarters**
GN Hearing A/S
Lautrupbjerg 7
DK-2750 Ballerup
Denmark
Tel: +45 4575 1111
resound.com

CVR no. 55082715

**United Kingdom**
GN Hearing UK Ltd.
Unit 13
Talisman Business Centre
Bicester
Oxon OX26 6HR
Tel: +44 1869 352800
resound.com

**Australia**
GN Hearing Australia Pty Ltd
Suite 1001, Level 1
1 Julius Avenue
North Ryde, NSW 2113
Tel.: (free) 1800 658 955
www.gnhearing.com/en-au/

**New Zealand**
GN Hearing New Zealand Limited
4 Fred Thomas Drive
Takapuna, Auckland, 0622
Tel.: (free) 0800 900 126
www.gnhearing.com/en-nz/


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