

DANALOGIC 6

PRODUCT INFORMATION

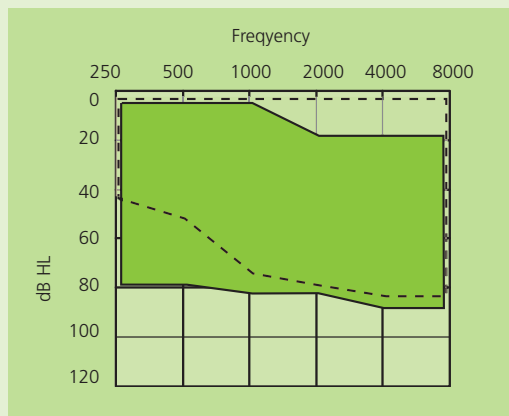
DANALOGIC 6

Product Description

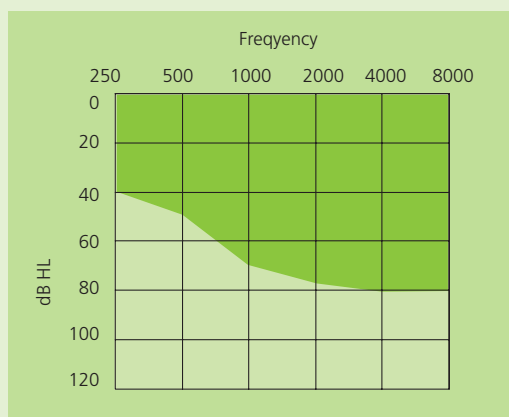
Danalogic 6 4060-VI is part of a complete family of highly advanced hearing instruments. Designed to compensate for moderate to severe hearing losses, Analogic 6 delivers superb, high-performance speech clarity – even in the most demanding listening situations.

Danalogic 6 is based on the third generation software-based platform from GN ReSound, which offers ground-breaking innovations. Stabilizer DFS cancels out feedback and provides up to 15 dB more usable gain. The instrument uses the ultra fast Wide Dynamic Range compression system. Open fitting and the active noise reduction increase comfort and lead to easy acceptance of the fitting. Via DataLogging and flexible fitting software an efficient fitting process is achieved.

Fitting Range with standard tube



Fitting Range with Thin Tube



GN ReSound Ltd.
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 Weston Business Park
 Weston-on-the-Green
 Oxon OX25 3SX
 Tel.: 0 1869 343 500
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4060-VI MINI BTE



Key Features

- Small, cosmetic mini design
- Reconfigurable from standard hook to Thin Tube (Interchangeable by hearing care professional)
- 6-band Warp™ Compressor
- Stabilizer DFS™ Feedback Cancellation
- Noise Reduction
- DataLogging
- SmartStart
- 2 flexible environmental programmes plus telecoil options
- Acoustic indicator for programme selection
- Low battery warning indicator
- Direct Audio Input

Standard Configuration

- Size 13 battery
- Programmable telecoil with T or MT modes
- Available in a variety of colours
- Standard, cosmetic and mini hook
- Supports Thin Tube, Dome, Tulip-Dome and FlexVent
- Volume control

Fitting Requirements

- Aventa fitting software (version 2.2 or higher)
- CS44 BTE socket cable
- HI-PRO or NOAHlink interface (NOAHlink recommended)

| Technical specifications | | IEC 60118-0 IEC 711 Ear simulator | IEC 60118-7 2cc coupler |
|---|-------------------|---|----------------------------|
| Reference test gain (60 dB SPL input) | 1600 Hz | 41 dB | 33 dB |
| Full-on gain (50 dB SPL input) | Max. 1600 Hz | 62 dB 51 dB | 53 dB 43 dB |
| Maximum output (90 dB SPL input) | Max. 1600 Hz | 134 dB SPL 125 dB SPL | 125 dB SPL 118 dB SPL |
| Total harmonic distortion | 800 Hz 1600 Hz | 0.9 % 0.7 % | 0.5 % 0.4 % |
| Full-on Telecoil sensitivity (1 mA/m input) | Max. | 92 dB SPL | 83 dB SPL |
| Equivalent input noise, w/o noise reduction 1/3 octave E.I.N., w/o noise reduction | | 28 dB SPL 13 dB SPL | 28 dB SPL 13 dB SPL |
| Frequency range (DIN 45605) | | 100 - 5960 Hz | 100 - 5590 Hz |
| Current Drain | | 1.26 mA | 1.26 mA |
| Typical Battery life time | (Battery type 13) | 230 hrs | 230hrs |

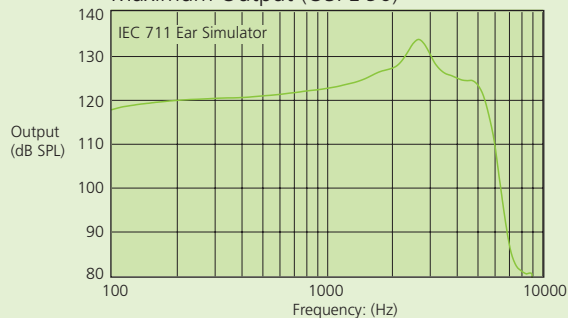
Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

Patents pending.

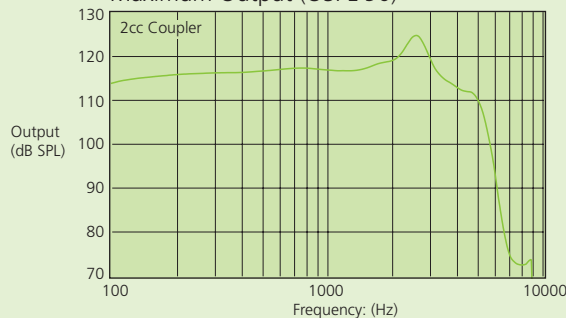
All specifications are subject to change without notice.

15713981-GB-07.02 Rev.A

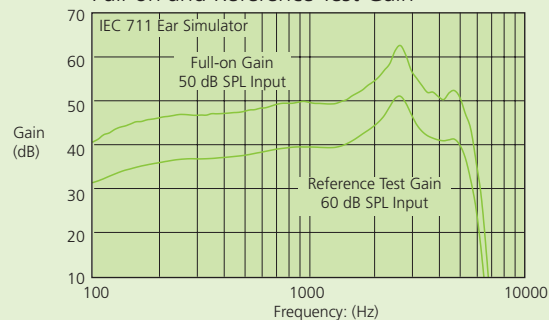
Maximum Output (OSPL 90)



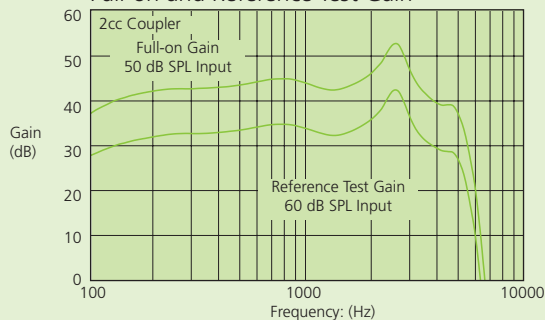
Maximum Output (OSPL 90)



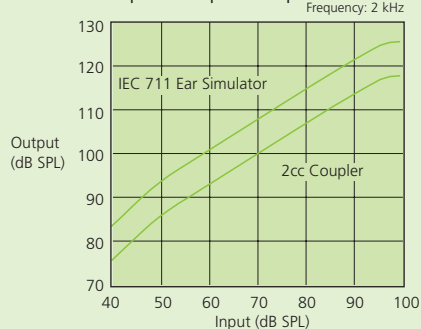
Full-on and Reference Test Gain



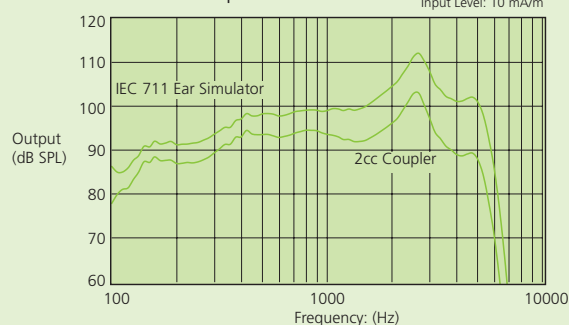
Full-on and Reference Test Gain



Input/Output Response



Telecoil Response



Full-On Gain Parameter Settings*

| | | | | | | |
|--------|----|----|----|----|----|----|
| G [50] | 46 | 46 | 46 | 45 | 37 | 35 |
| G [80] | 36 | 36 | 36 | 35 | 27 | 25 |

Reference Test Gain Parameter Settings*

| | | | | | | |
|--------|----|----|----|----|----|----|
| G [50] | 39 | 39 | 39 | 38 | 30 | 28 |
| G [80] | 29 | 29 | 29 | 28 | 20 | 18 |

*Setting in accordance with Aventa fitting software