

DANALOGIC 6

PRODUCT INFORMATION

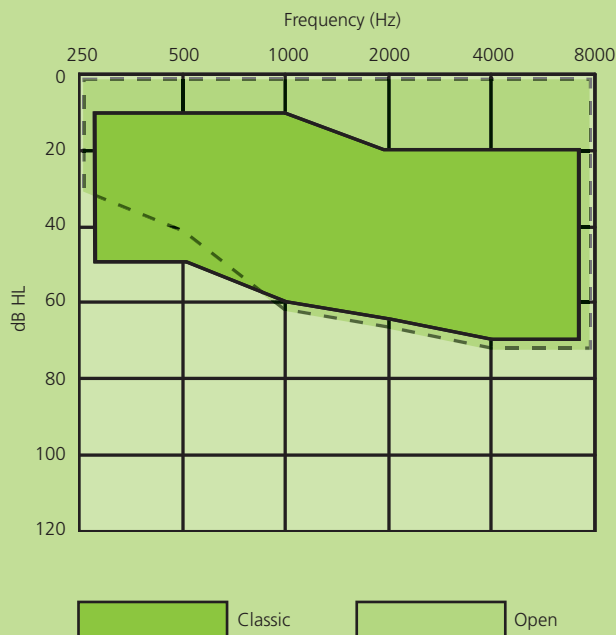
DANALOGIC 6

Product Description

Danalogic 6 6030/6030-D is part of a complete family of highly advanced hearing instruments. Designed to compensate for mild to moderate 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. Twin DFS cancels out feedback and provides up to 15db more usable gain. The ultra fast Wide Dynamic Range compression system creates a superior sound quality including extremely low distortion and sound artefacts. Dual microphones offers Real-world Adaptive Directionality, which combined with noise reduction provide high speech clarity designed to excel in noise environments.

Fitting Range



6030/6030-D ITC



Key features

- Power ITC
- Fast™ 17 Band Sound Processing
- Noise Reduction – 2 Levels
- Low-level expansion
- Dual Microphone technology
- Real-world Adaptive Directionality
- SoftSwitching™ Automatic Programme
- Twin™ DFS Feedback Cancellation
- Advanced Datalogging
- Power Up Delay
- Up to 3 customizable programs plus Telecoil options
- Acoustic indicator for program selection
- Acoustic indicator for Volume Control
- Low battery warning indicator

Standaard configuration

- Size 312 battery
- Programmable telecoil (optional) with T or MT
- Volume control (optional)
- 3 Standard colours

Fitting requirements

- Aventa fitting software (version 2.1 or higher)
- CS 63 FlexStrip cable (3-pin)
- HI-Pro or NOAHlink interface (NOAH link recommended)

GN ReSound A/S

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Fax: +45 72 11 11 88

www.gnresound-group.com

New address

from June 1 st 2006
Lautrupbjerg 7
DK-2750 Ballerup, Denmark

TECHNICAL DATA

DANALOGIC 6

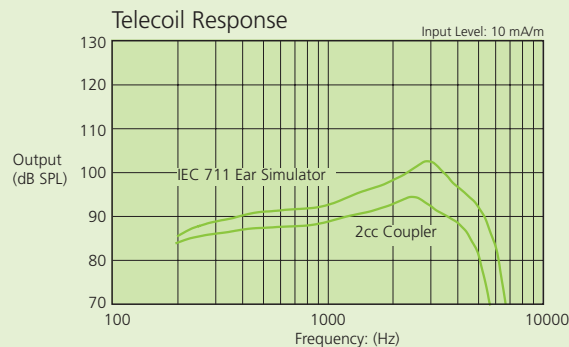
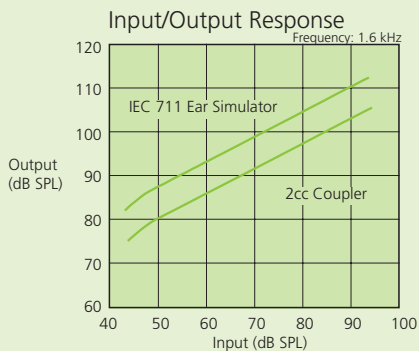
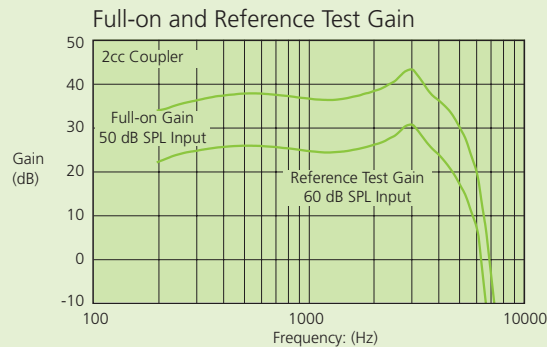
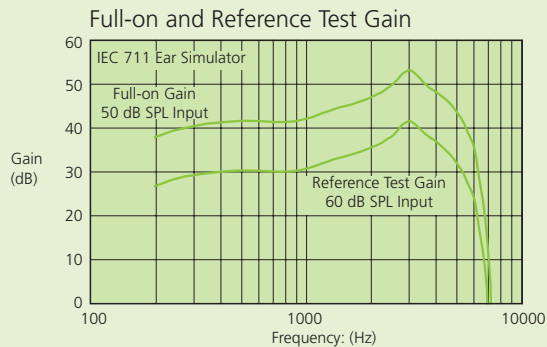
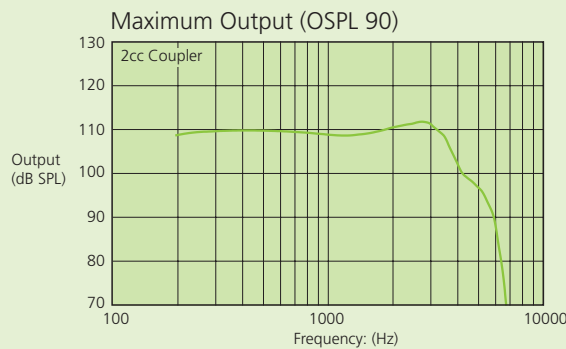
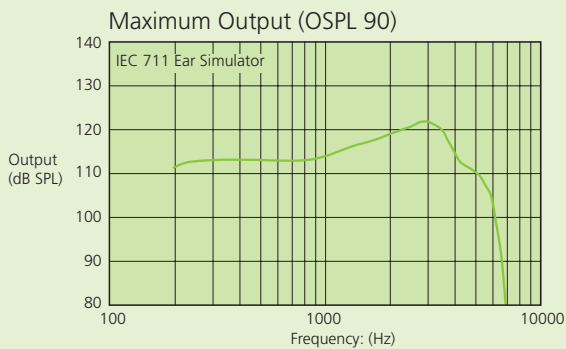
6030/6030-D ITC

| Technical specifications | | IEC 60118-0 IEC 711 Ear simulator | IEC 60118-7 2cc coupler |
|---|--|---|----------------------------|
| Reference test gain (60 dB SPL input) | 1600 Hz | 34 dB | 26 dB |
| Full-on gain (50 dB SPL input) | Max. 1600 Hz | 52 dB 45 dB | 43 dB 38 dB |
| Maximum output (90 dB SPL input) | Max. 1600 Hz | 121 dB SPL 117 dB SPL | 111 dB SPL 109 dB SPL |
| Total harmonic distortion | 800 Hz 1600 Hz | 1.8 % 1.7 % | 1.3 % 1.2 % |
| Full-on Telecoil sensitivity (1 mA/m input) | Max. | 83 dB SPL | 73 dB SPL |
| Equivalent input noise, 1/3 Octave, w/o Noise reduction | | 13 dB SPL | 13 dB SPL |
| Frequency range (DIN 45605) | | 200 Hz - 6700 Hz | 200 Hz - 6300 Hz |
| Current Drain | | 1.1 mA | 1.1 mA |
| Typical Battery life time | (Battery type 312) (Battery type 10A) | 136 hrs 82 hrs | 136 hrs 82 hrs |

Patents pending.

All specifications are subject to change without notice.

15634081-GB-05.11 Rev.A



Full-On Gain Parameter Settings

| | | | | | | |
|--------|----|----|----|----|----|----|
| G [80] | 40 | 40 | 40 | 40 | 40 | 40 |
| G [50] | 26 | 26 | 26 | 26 | 26 | 26 |

Reference Test Gain Parameter Settings

| | | | | | | |
|--------|----|----|----|----|----|----|
| G [80] | 33 | 33 | 33 | 33 | 33 | 33 |
| G [50] | 19 | 19 | 19 | 19 | 19 | 19 |