

DANALOGIC 6

PRODUCT INFORMATION

6080-DVI PBTE

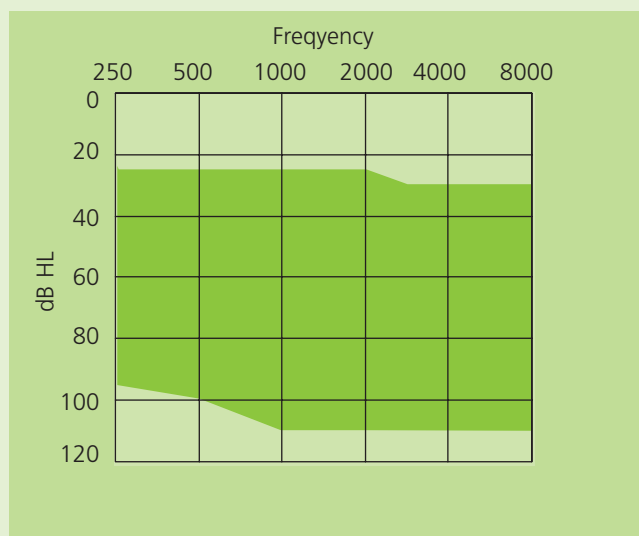
DANALOGIC 6

Product Description

Danalogic 6 6080-DVI is part of a complete family of highly advanced hearing instruments. Designed to compensate for moderate to severe/profound 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. Dual stabilizer DFS cancels out feedback and provides up to 15 dB 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 offer enhanced Adaptive Directionality, which combined with noise reduction provide high speech clarity designed to excel in noisy environments.

Fitting Range



United Kingdom

GN ReSound Ltd.
1 Landscape Close
Weston Business Park
Weston Business Park
Oxon OX25 3SX
Tel.: 0 1869 343 500
Fax: 0 1869 343 466
www.gnresound.co.uk



Key Features

- Power BTE device
- Fast 17-band Sound processing
- Dual Stabilizer™ feedback cancellation
- SoftSwitching™ automatic programme
- Adaptive Noise Reduction (2 options)
- Advanced DataLogging
- Enhanced Adaptive Directionality
- Dual Microphones
- Low-level expansion
- Power up delay
- Acoustic indicator for programme selection
- Low battery warning indicator
- Up to 3 customisable programmes plus Telecoil programme

Standard Configuration

- Size 13 battery
- Programmable telecoil with T and MT modes
- Programmable Direct Audio Input (DAI)
- Programmable volume control
- Medium Blonde
- Supports Flex-Tube, Tulip-Dome and FlexVent

Fitting Requirements

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

TECHNICAL DATA

DANALOGIC 6

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Technical specifications		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 2cc coupler
Reference test gain (60 dB SPL input)	1600 Hz	55 dB	46 dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz	74 dB 66 dB	65 dB 58 dB
Maximum output (90 dB SPL input)	Max. 1600 Hz	140 dB SPL 133 dB SPL	135 dB SPL 124 dB SPL
Total harmonic distortion	800 Hz 1600 Hz	0.8 % 0.8 %	0.5 % 0.6 %
Full-on Telecoil sensitivity (1 mA/m input)	Max.	106 dB SPL	99 dB SPL
Equivalent input noise, 1/3 Octave, w/o Noise reduction 1/3 Octave E.I.N, w/o Noise reduction		27 dB SPL 13 dB SPL	28 dB SPL 13 dB SPL
Frequency range (DIN 45605)		100 Hz - 6000 Hz	100 Hz - 5790 Hz
Current Drain		1.35 mA	1.35 mA
Typical Battery life time	(Battery type 13)	215 hrs	215 hrs

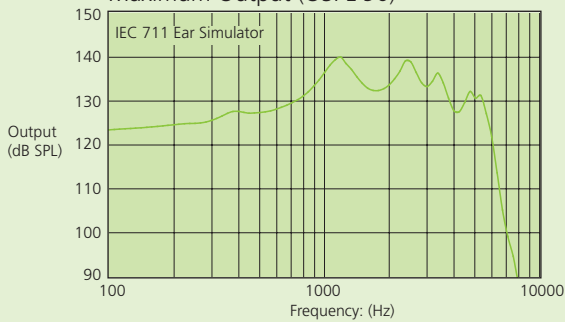
Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

Patents pending.

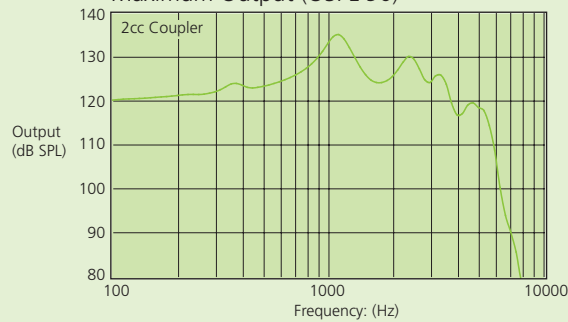
All specifications are subject to change without notice.

15634681-GB-05.11 Rev.A

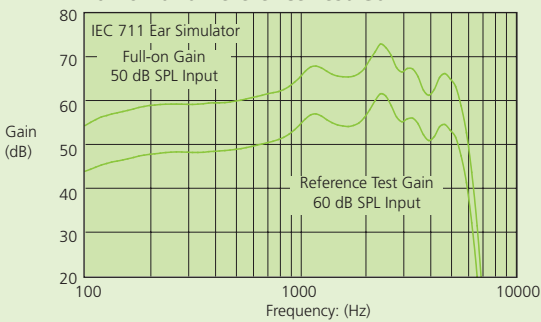
Maximum Output (OSPL 90)



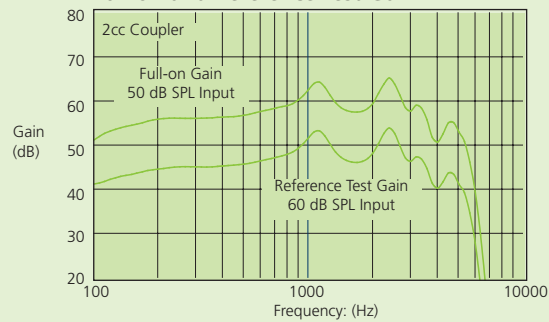
Maximum Output (OSPL 90)



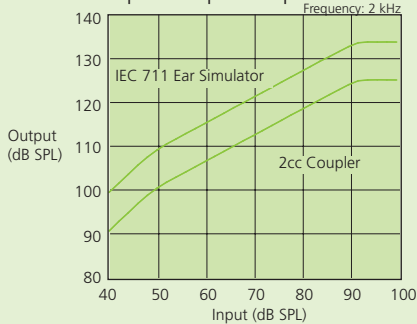
Full-on and Reference Test Gain



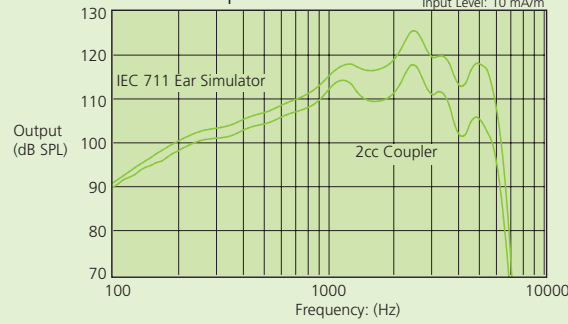
Full-on and Reference Test Gain



Input/Output Response



Telecoil Response



Full-On Gain Parameter Settings*

G [50]	59	59	59	58	54	51	51
G [80]	46	46	46	45	41	38	38

Reference Test Gain Parameter Settings*

G [50]	52	52	52	51	47	44	44
G [80]	39	39	39	38	34	31	31

*Setting in accordance with Aventa fitting software

DANALOGIC / 6