

# DANALOGIC 6

## PRODUCT INFORMATION

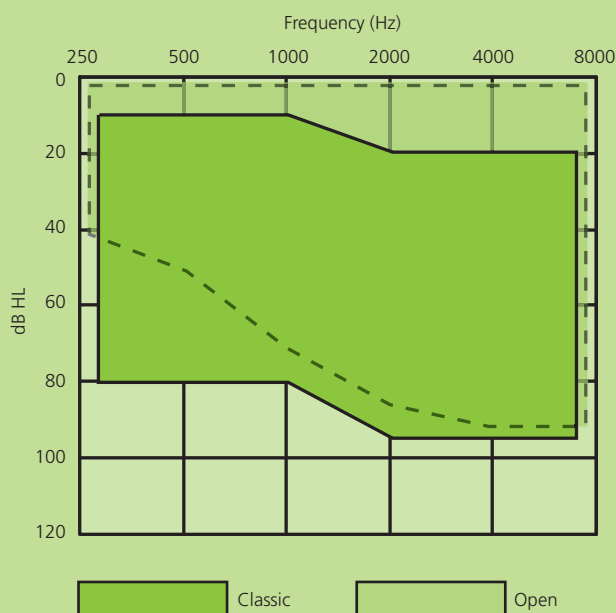
### DANALOGIC 6

#### Product Description

Danalogic 6 6070-DVI is part of a complete family of highly advanced hearing instruments. Designed to compensate for mild 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. 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



#### GN ReSound Ltd.

1 Landscape Close  
Weston Business Park  
Weston-on-the-Green  
Oxon OX25 3SX

Tel.: 0 1869 343 500  
Fax: 0 1869 343 466  
www.gnresound.co.uk

### 6070-DVI BTE



#### Key Features

- Fast 17-band Sound processing
- Dual Stabilizer™ feedback cancellation
- SoftSwitching™ automatic programme
- Adaptive Noise Reduction (2 options)
- Advanced DataLogging
- Enhanced Adaptive Directionality
- Open fitting capabilities
- 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 (2.1 or higher)
- CS44 BTE socket cable
- HI-PRO or NOAHlink interface (NOAHlink recommended)

# TECHNICAL DATA

## DANALOGIC 6

## 6070-DVI BTE

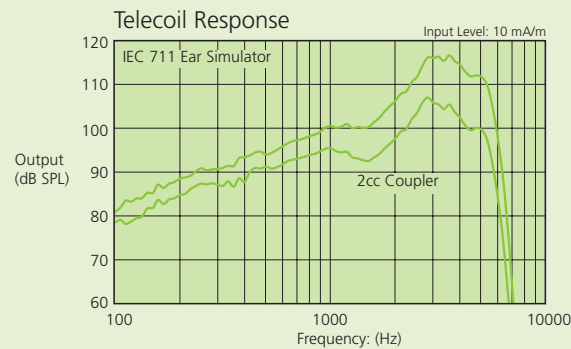
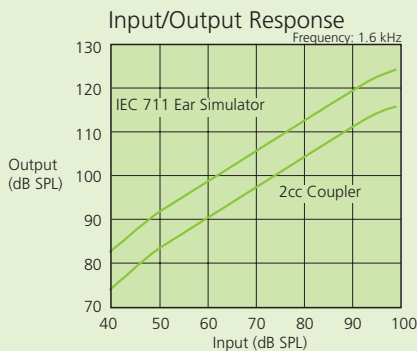
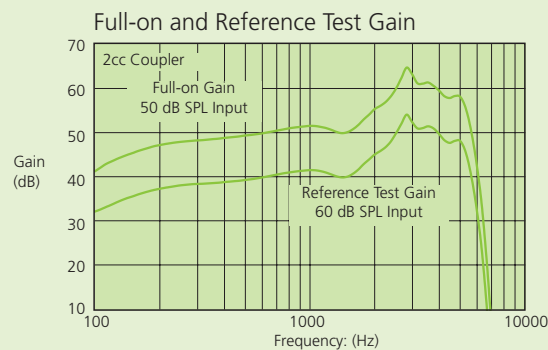
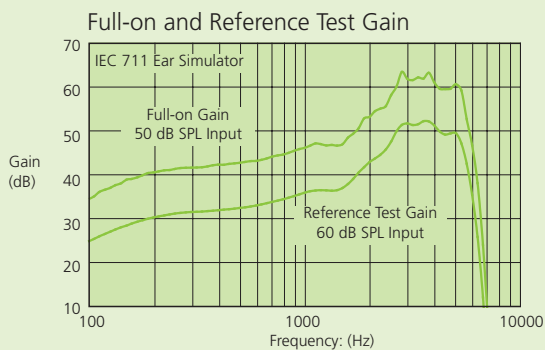
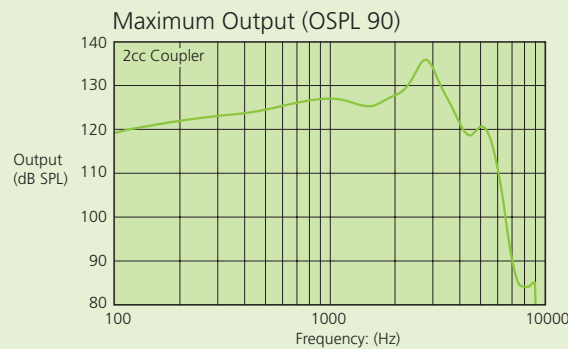
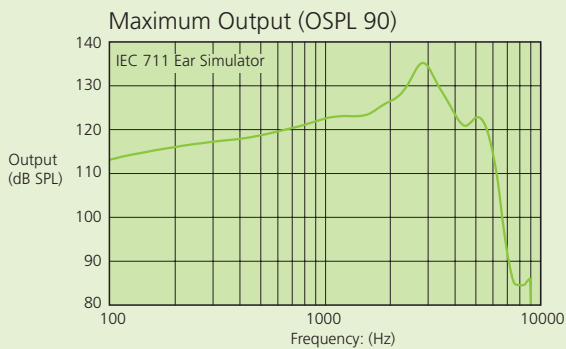
Technical specifications		IEC 60118-0 IEC 711 Ear simulator	IEC 60118-7 2cc coupler
Reference test gain (60 dB SPL input)	1600 Hz	38 dB	31 dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz	63 dB 49 dB	55 dB 41 dB
Maximum output (90 dB SPL input)	Max. 1600 Hz	136 dB SPL 123 dB SPL	127 dB SPL 115 dB SPL
Total harmonic distortion	800 Hz 1600 Hz	0.9 % 1.0 %	0.5 % 0.6 %
Full-on Telecoil sensitivity (1 mA/m input)	Max.	97 dB SPL	86 dB SPL
Equivalent input noise, 1/3 Octave, w/o Noise reduction		35 dB SPL	32 dB SPL
Frequency range (DIN 45605)		100 Hz - 6300 Hz	100 Hz - 6300 Hz
Current Drain		1.15 mA	1.15 mA
Typical Battery life time	(Battery type 13)	252 hrs	252 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



Full-On Gain Parameter Settings

G [50]	42	42	42	42	42	42	42
G [80]	32	32	32	32	32	32	32

Reference Test Gain Parameter Settings

G [50]	35	35	35	35	35	35	35
G [80]	25	25	25	25	25	25	25