

Product information

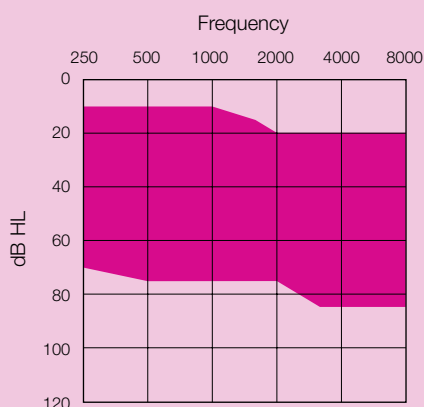
Product Description

Danalogic i-FIT is a family of highly advanced hearing instruments. Designed to compensate for all hearing losses, Analogic i-FIT delivers high-performance speech clarity - even in the most demanding listening situations.

i-FIT 40-D/50-D ITE



Fitting Range



Key Features

- 17-band WARP™
- Intelligent Directionality with Autofocus
- Noise Reduction
- Dual Stabilizer™ II DFS with Feedback Eliminator
- Situation Analyser
- Fixed directionality
- SoftSwitching™
- EchoStop™
- Up to 4 customisable programmes
- Impulse Noise Smoother
- SmartStart™
- Onboard Analyser™ II data logging
- Acoustic indications of user controls and low battery warning

Standard Configuration

- Dual microphone technology
- Size 13 (50D) and 312 (40D) battery
- Push button
- Programmable volume control (optional)
- Telecoil with T and MT modes
- Supports StepVent

Fitting Requirements

- Aventa™ fitting software version 2.8 or higher
- CS63 FlexStrip Cable (3-pin) or CS53 adaptor to use with CS44 cable
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

United Kingdom

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Technical Specifications

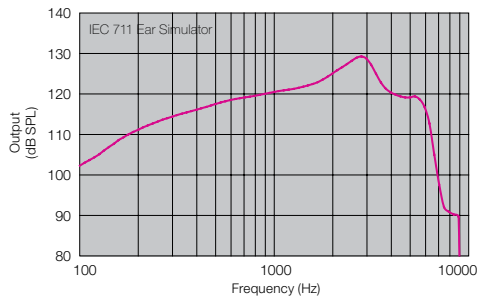


i-FIT 40-D/50-D	
IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler

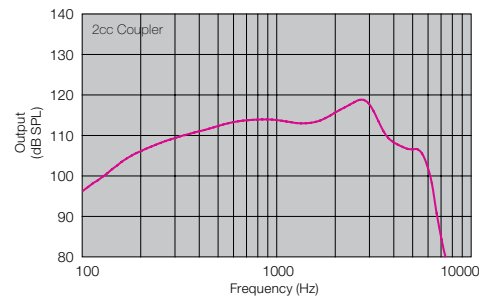
Reference test gain (60 dB SPL input)	1600 Hz / HFA	40	37	dB
Full-on gain (50 dB SPL input)	Max.	62	52	dB
	1600 Hz / HFA	52	45	dB
Maximum output (90 dB SPL input)	Max.	129	119	dB SPL
	1600 Hz / HFA	123	115	dB SPL
Total harmonic distortion	800 Hz	2,2	1,1	%
	1600 Hz	1,3	1,0	%
Telecoil sensitivity (1 mA/m input)	Max.	93	-	dB SPL
Full-on Telecoil sensitivity @1 mA/m, MASL	HFA	-	74	dB SPL
HFA - SPLITS @ 31.6 mA/m (ANSI)	HFA	-	97	dB SPL
Equivalent input noise, w/o Noise reduction		29	25	dB SPL
1/3 Octave Equivalent Input Noise, w/o Noise reduction		12	-	dB SPL
Frequency range (DIN 45605)		210-6910	110-6850	Hz
Current Drain		0,99	1,04	mA
Typical Battery life time (Battery type 312)		162	154	hrs

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

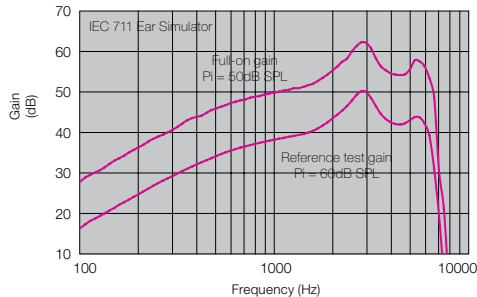
Maximum Output (OSPL 90)



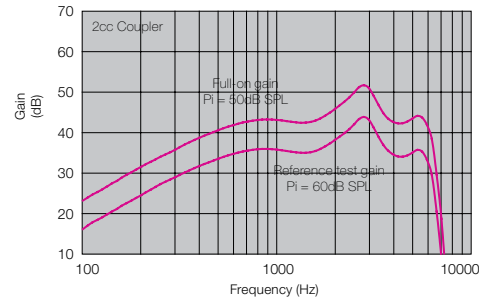
Maximum Output (OSPL 90)



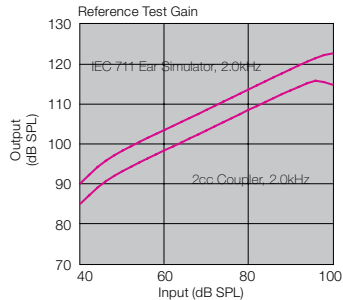
Full-On and Reference Test Gain



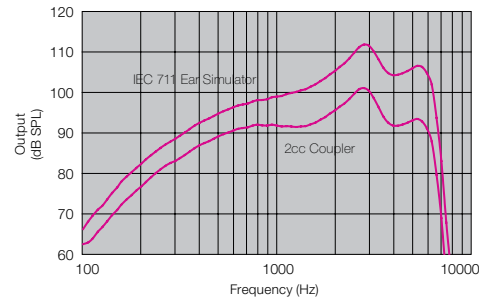
Full-On and Reference Test Gain



Input/Output Response



Telecoil Response



Full-On Gain Parameter Settings*

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	22	26	30	30	30	30	30	29	27
G[50]	37	41	45	45	45	45	45	45	45

Reference Test Gain Parameter Settings for 118-0*

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	15	19	23	23	23	23	23	22	20
G[50]	30	34	38	38	38	38	38	38	38

Reference Test Gain Parameter Settings for ANSI and 118-7*

	250 Hz	500 Hz	750 Hz	1 kHz	1.5 kHz	2 kHz	3 kHz	4 kHz	6 kHz
G[80]	19	23	27	27	27	27	27	26	24
G[50]	34	38	42	42	42	42	42	42	42

*Settings in accordance with Aventa fitting software

Patents pending.

All specifications are subject to change without notice.

17035081-GB-09.06 Rev.A

