

Product information

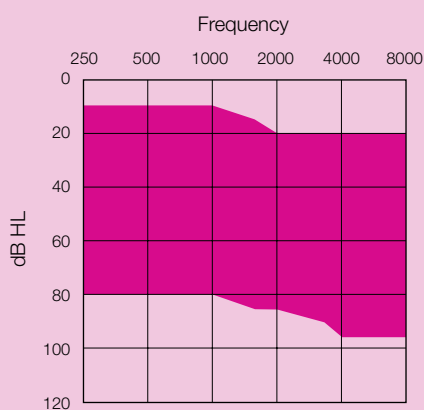
Product Description

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 50-DP POWER ITE



Fitting Range



Key Features

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

Standard Configuration

- Dual microphone technology
- Size 13 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

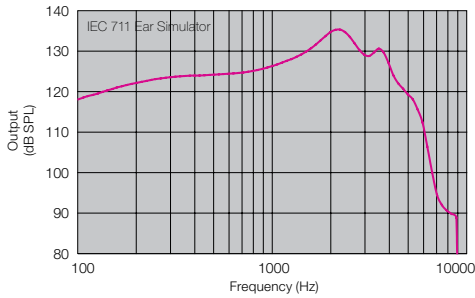


		i-FIT50-DP	
		IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler

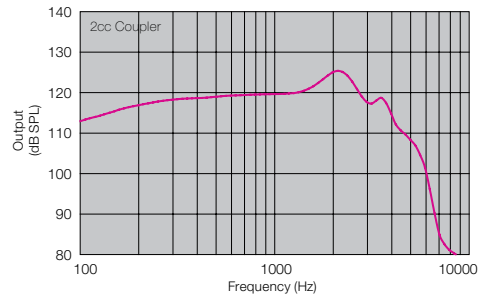
		IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz / HFA	49	46	dB
Full-on gain (50 dB SPL input)	Max.	68	58	dB
	1600 Hz / HFA	61	53	dB
Maximum output (90 dB SPL input)	Max.	135	125	dB SPL
	1600 Hz / HFA	131	122	dB SPL
Total harmonic distortion	800 Hz	0,7	0,4	%
	1600 Hz	0,2	0,5	%
Telecoil sensitivity (1 mA/m input)	Max.	99	-	dB SPL
Full-on Telecoil sensitivity @1 mA/m, MASL	HFA	91	-	dB SPL
HFA - SPLITS @ 31.6 mA/m (ANSI)	HFA	-	106	dB SPL
Equivalent input noise, w/o Noise reduction		24	24	dB SPL
1/3 octave eq. Input noise, 1600 Hz (IEC)		12	-	dB SPL
Frequency range (DIN 45605)		100-5040	100-5050	Hz
Current Drain		1,0	1,1	mA
Typical Battery life time (Battery type 312)		160	145	hrs

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

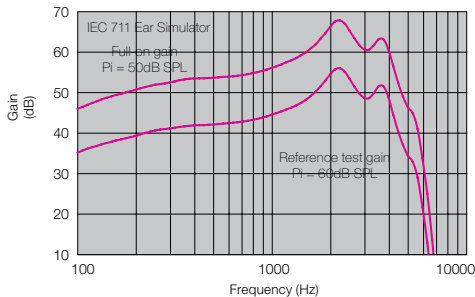
Maximum Output (OSPL 90)



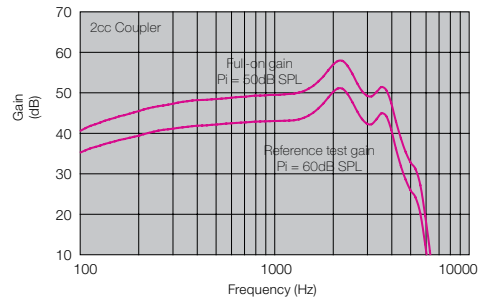
Maximum Output (OSPL 90)



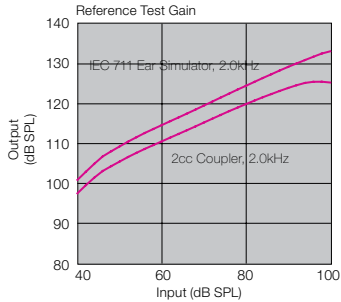
Full-On and Reference Test Gain



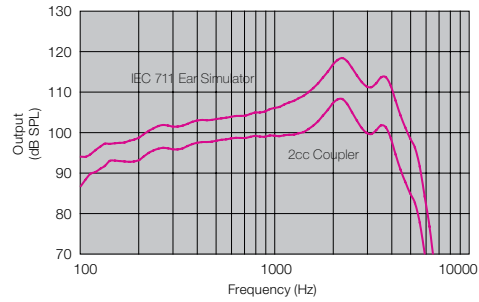
Full-On and Reference Test Gain



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 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

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

*Settings in accordance with Aventa fitting software

Patents pending.

All specifications are subject to change without notice.

17035181-GB-09.06 Rev.A

