

Product information

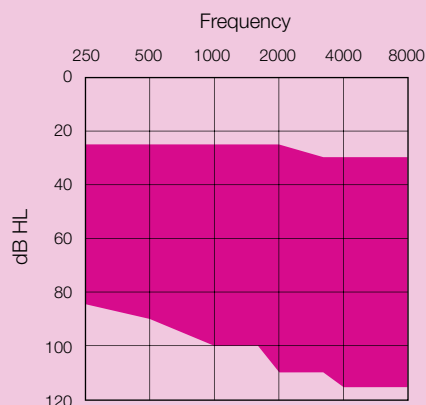
Product Description

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 81-DVI POWER BTE



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
- Integrated wind noise suppression
- Impulse Noise Smoother
- SmartStart™
- Onboard Analyser™ II data logging
- Acoustic indications of user controls and low battery warning

Standard Configuration

- iSolate™ humidity protection
- Dual Microphone Technology
- Size 13 battery
- Push button
- Programmable volume control
- Telecoil with T and MT modes
- Direct Audio Input facility

Fitting Requirements

- Aventa™ fitting software version 2.8 or higher
- Programming adaptor boot with CS44 cable
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

United Kingdom

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Technical Specifications

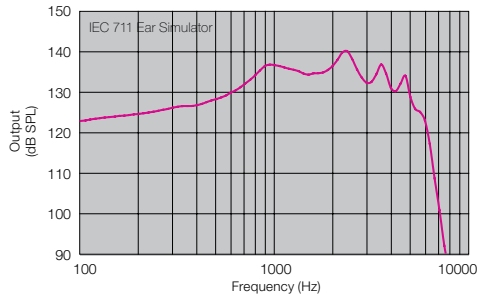


i-FIT81-DVI

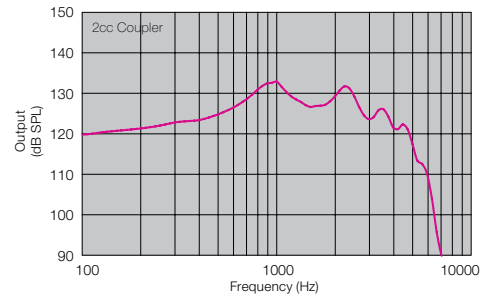
		IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz / HFA	53	52	dB
Full-on gain (50 dB SPL input)	Max.	72	65	dB
	1600 Hz / HFA	64	60	dB
Maximum output (90 dB SPL input)	Max.	140	133	dB SPL
	1600 Hz / HFA	135	130	dB SPL
Total harmonic distortion	800 Hz	0,5	0,3	%
	1600 Hz	0,7	0,6	%
Telecoil sensitivity (1 mA/m input)	Max.	101	-	dB SPL
Full-on Telecoil sensitivity @1 mA/m, MASL (IEC)	HFA	-	90	dB SPL
HFA - SPLITS @ 31.6 mA/m (ANSI)	HFA	-	114	dB SPL
Equivalent input noise, w/o Noise reduction		29	22	dB SPL
1/3 Octave Equivalent Input Noise, w/o Noise reduction		14	-	dB SPL
Frequency range (DIN 45605)		100 - 6220	100 - 6030	Hz
Current Drain		1,09	1,09	mA
Typical Battery life time (Battery type 13)		266	266	hrs

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

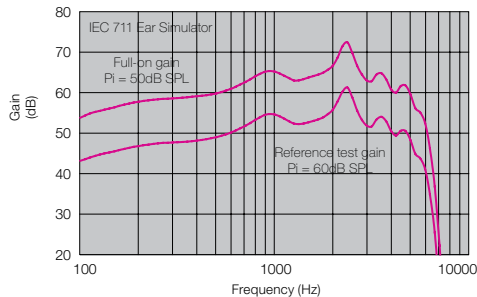
Maximum Output (OSPL 90)



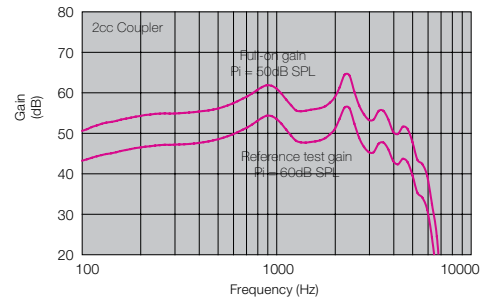
Maximum Output (OSPL 90)



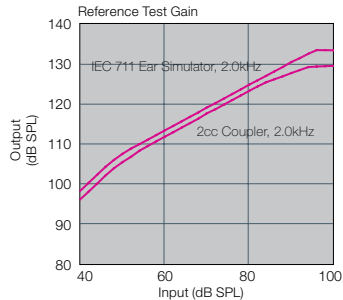
Full-On and Reference Test Gain



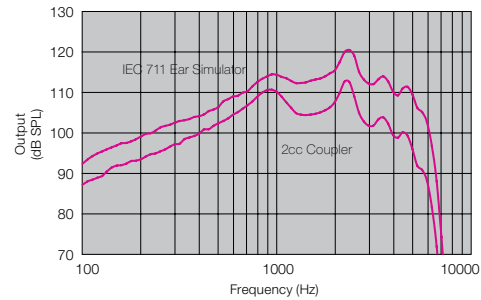
Full-On and Reference Test Gain



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]	46	46	46	46	46	46	41	38	38
G[50]	59	59	59	59	59	59	52	47	46

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]	42	42	42	42	42	42	37	34	34
G[50]	55	55	55	55	55	55	48	43	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]	39	39	39	39	39	39	34	31	31
G[50]	52	52	52	52	52	52	45	40	39

*Settings in accordance with Aventa fitting software

Patents pending.

All specifications are subject to change without notice.

17035481-GB-09.06 Rev.A

