

Product information

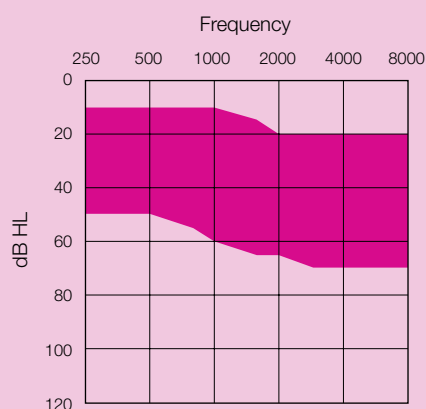
Product Description

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 30, 30-D ITC



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™ data logging
- Acoustic indications of user controls and low battery warning

Standard Configuration

- Dual microphone technology*
- Size 312 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 the CS44 cable
- Speedlink™, HI-PRO or NOAHlink interface (Speedlink recommended)

* i-FIT 30-D only

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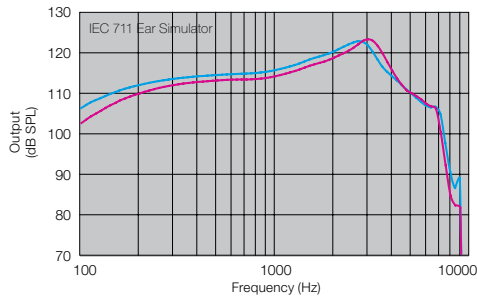
Technical Specifications



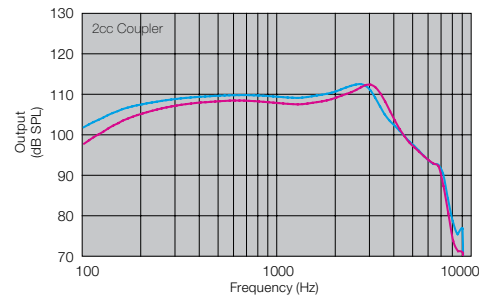
		i-FIT30		i-FIT30-D		
		IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler	IEC 118-0 Ear Simulator	IEC 118-7 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz / HFA	34	31	35	33	dB
Full-on gain (50 dB SPL input)	Max.	53	43	53	42	dB
	1600 Hz / HFA	45	37	47	38	dB
Maximum output (90 dB SPL input)	Max.	123	112	123	112	dB SPL
	1600 Hz / HFA	117	108	118	110	dB SPL
Total harmonic distortion	800 Hz	1,4	0,9	1,6	0,9	%
	1600 Hz	0,9	0,8	1,1	0,9	%
Telecoil sensitivity (1 mA/m input)	Max.	83	72	84	73	dB SPL
Full-on Telecoil sensitivity @1 mA/m, 1600 Hz (IEC)		75	-	77	-	dB SPL
HFA - SPLITS @ 31.6 mA/m (ANSI) 118-7		-	91	-	93	dB SPL
Equivalent input noise, w/o Noise reduction		26	24	27	25	dB SPL
1/3 octave eq. Input noise, 1600 Hz (IEC)		11	-	14	-	dB SPL
Frequency range (DIN 45605)		130-7170	100-7120	110-7380	100-7220	Hz
Current Drain		1,024	1,12	1,01	1,09	mA
Typical Battery life time (Battery type 312)		156	143	158	147	hrs

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

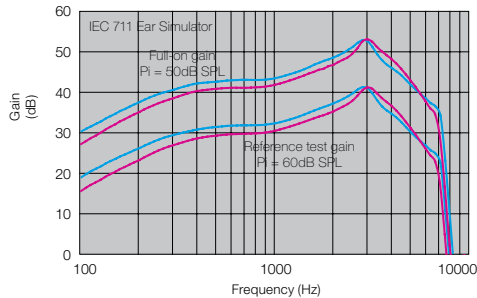
Maximum Output (OSPL 90)



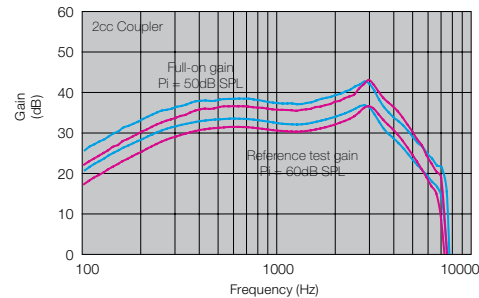
Maximum Output (OSPL 90)



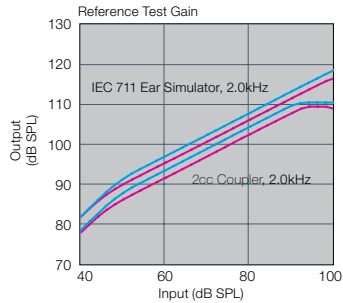
Full-On and Reference Test Gain



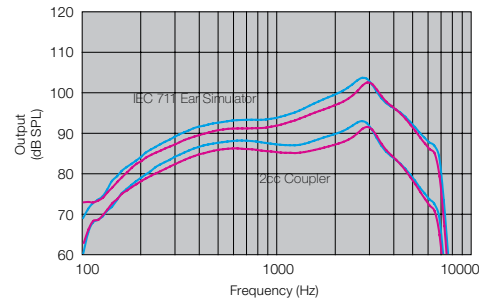
Full-On and Reference Test Gain



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]	24	26	26	26	26	26	26	26	26
G[50]	38	40	40	40	40	40	40	40	40

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]	17	19	19	19	19	19	19	19	19
G[50]	31	33	33	33	33	33	33	33	33

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]	23	25	25	25	25	25	25	25	25
G[50]	37	39	39	39	39	39	39	39	39

*Settings in accordance with Aventa fitting software

All specifications are subject to change without notice.

17034881-GB-09.06 Rev.A

