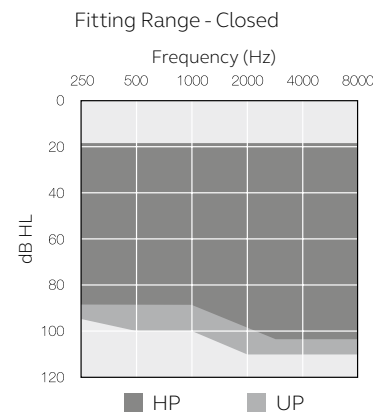
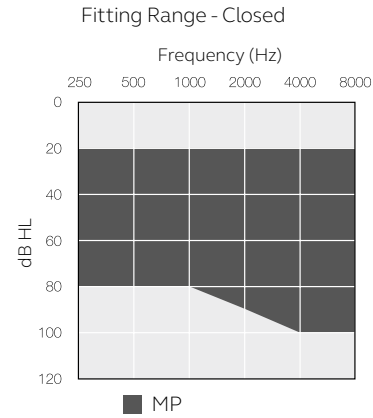


danalogic Ambio Smart



Model	AM7ITE-DWT
Device Configurations	
Battery	312/13
Power levels	MP, HP & UP
Audiological Features	
WARP compression (WDRC) - number of channels	17
Binaural Directionality III	●
Spatial Sense	●
Binaural Directionality	-
Natural Directionality II	●
Directional Mix Processor	●
Adjustable directional mix	●
Synchronized Soft Switching	●
Soft Switching	●
Autoscope Adaptive Directionality	●
Multiscope Adaptive Directionality	-
Adaptive Directionality	-
Binaural Environmental Optimiser II	●
Environmental Optimiser	-
Noise Tracker II	●
Expansion	●
Impulse Noise Reduction	●
Wind Guard	●
Sound Shaper	●
DFS Ultra II	●
Music Mode	●
Synchronised Acceptance Manager	●
Low Frequency Boost (Only UP)	●
Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP)	●
Tinnitus Sound Generator	●
Functional Features	
Synchronised Push Button *	●
Synchronised Volume Control	●
Smart Start	●
Phone Now	●
Comfort Phone	●
Ear to Ear Communication	●
Direct audio streaming	●
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●
BeMore app	●
Online Services	
Remote Fine Tuning	●
Remote Firmware Updates	●
Live Assist	●
Fitting Features	
Danalogic 1.10 or higher	●
Fully Flexible Programs	4
Auto DFS	●
Onboard Analyzer II	●
Noahlink Wireless	●
* Also including functionality for synchronised Push Button Volume Control	

Technical Specifications

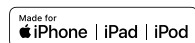
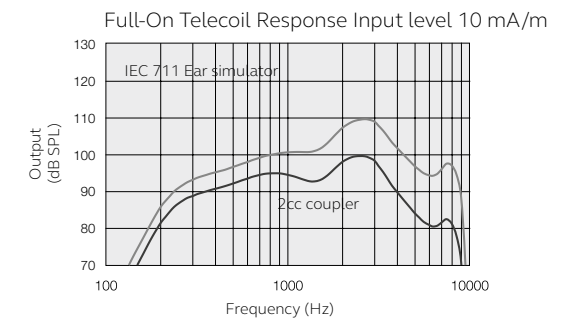
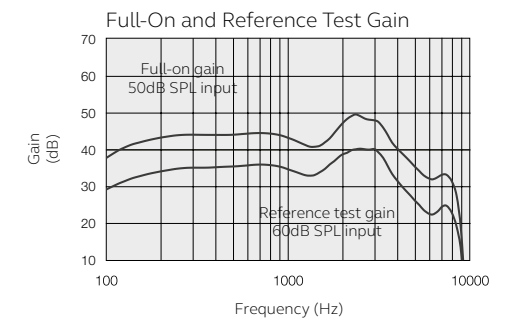
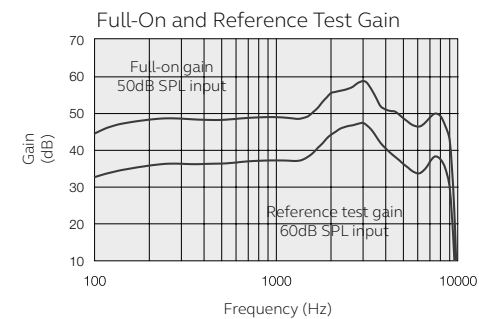
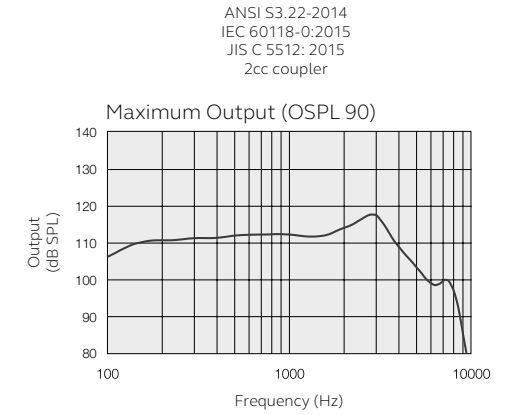
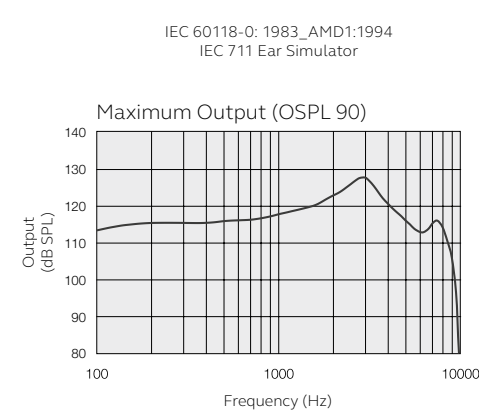
		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	39	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	59 50	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	128 120	118 114	dB SPL
Total harmonic distortion	500 Hz	0.4	0.3	%
	800 Hz	0.7	0.4	
	1600 Hz	0.6	0.5	
	3200 Hz	-	0.3	
Telecoil sensitivity (1 mA/m input)	Max.	90	79	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	103	98	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	82	76	
Equivalent input noise, w/o Noise reduction		25	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	dB SPL
Frequency range IEC 60118-0: 2015		100-9510*	100-8770	Hz
Current Drain (Quiescent / Operating)		1.17/1.19	1.17/1.31	mA

* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

Patents pending

All specifications are subject to change without notice

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Technical Specifications

		HP		
		IEC 60118-0: 1983_ AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	47	42	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 58	60 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	130 126	120 119	dB SPL
Total harmonic distortion	500 Hz	0.8	0.5	%
	800 Hz	1.9	0.8	
	1600 Hz	0.8	0.6	
	3200 Hz	-	0.2	
Telecoil sensitivity (1 mA/m input)	Max.	100	91	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	111	103	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	90	84	
Equivalent input noise, w/o Noise reduction		26	24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	11	dB SPL
Frequency range IEC 60118-0: 2015		100-7390 *	100-6710	Hz
Current Drain (Quiescent / Operating)		1.15/1.18	1.15/1.25	mA

Data in accordance with IEC60118-0 Edition 3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

Technical Specifications

		UP		
		IEC 60118-0: 1983_ AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	60	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	78 70	70 62	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	137 137	129 124	dB SPL
Total harmonic distortion	500 Hz	0.4	0.4	%
	800 Hz	1.0	0.5	
	1600 Hz	0.2	0.1	
	3200 Hz	-	0.1	
Telecoil sensitivity (1 mA/m input)	Max.	109	100	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	119	109	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	103	93	
Equivalent input noise, w/o Noise reduction		20	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	12	13	dB SPL
Frequency range IEC 60118-0: 2015		100-7390 *	100-4810	Hz
Current Drain (Quiescent / Operating)		1.17/1.24	1.17/1.21	mA

Data in accordance with IEC60118-0 Edition 3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

Patents pending

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