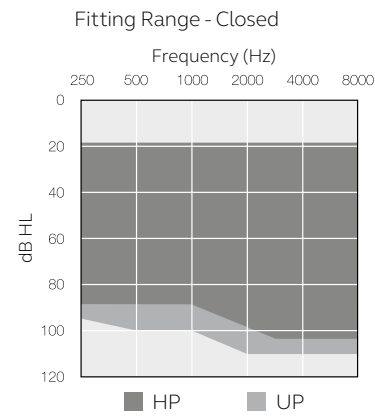
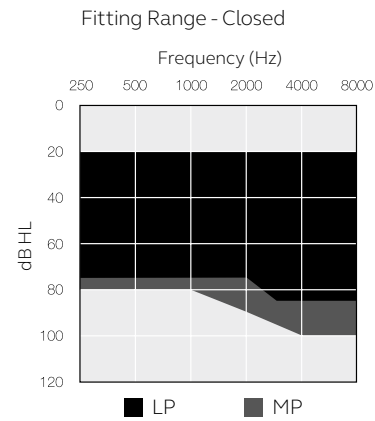


danalogic Ambio Smart



Model	AM7ITC
Device Configurations	
Battery	312
Power Levels	LP, MP, HP & UP
Audiological Features	
WARP compression (WDRC) - number of channels	17
Natural Directionality II	●
Directional Mix Processor	●
Adjustable directional mix	●
Soft Switching	●
Autoscope Adaptive Directionality	●
Multiscope Adaptive Directionality	-
Adaptive Directionality	-
Environmental Optimiser II	●
Environmental Optimiser	-
Noise Tracker II	●
Expansion	●
Impulse Noise Reduction	●
Wind Guard	●
Sound Shaper	●
DFS Ultra II	●
Music Mode	●
Acceptance Manager	●
Low Frequency Boost (Only UP)	●
Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP)	●
Tinnitus Sound Generator	●
Functional Features	
Smart Start	●
Phone Now	●
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 Analyser II	●
Noahlink Wireless	●



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GN Hearing A/S
Lautrupbjerg 7
DK-2750 Ballerup,
Denmark
Tel.: +45 45 75 11 11
gnhearing.com
CVR. no 55082715

GN Hearing A/S
United Kingdom
GN Hearing UK Ltd.
Kirtlington Business Centre
Portway, Kirtlington
Oxon OX5 3JA
Tel.: +44 1869 352 800
resound.com

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Technical Specifications

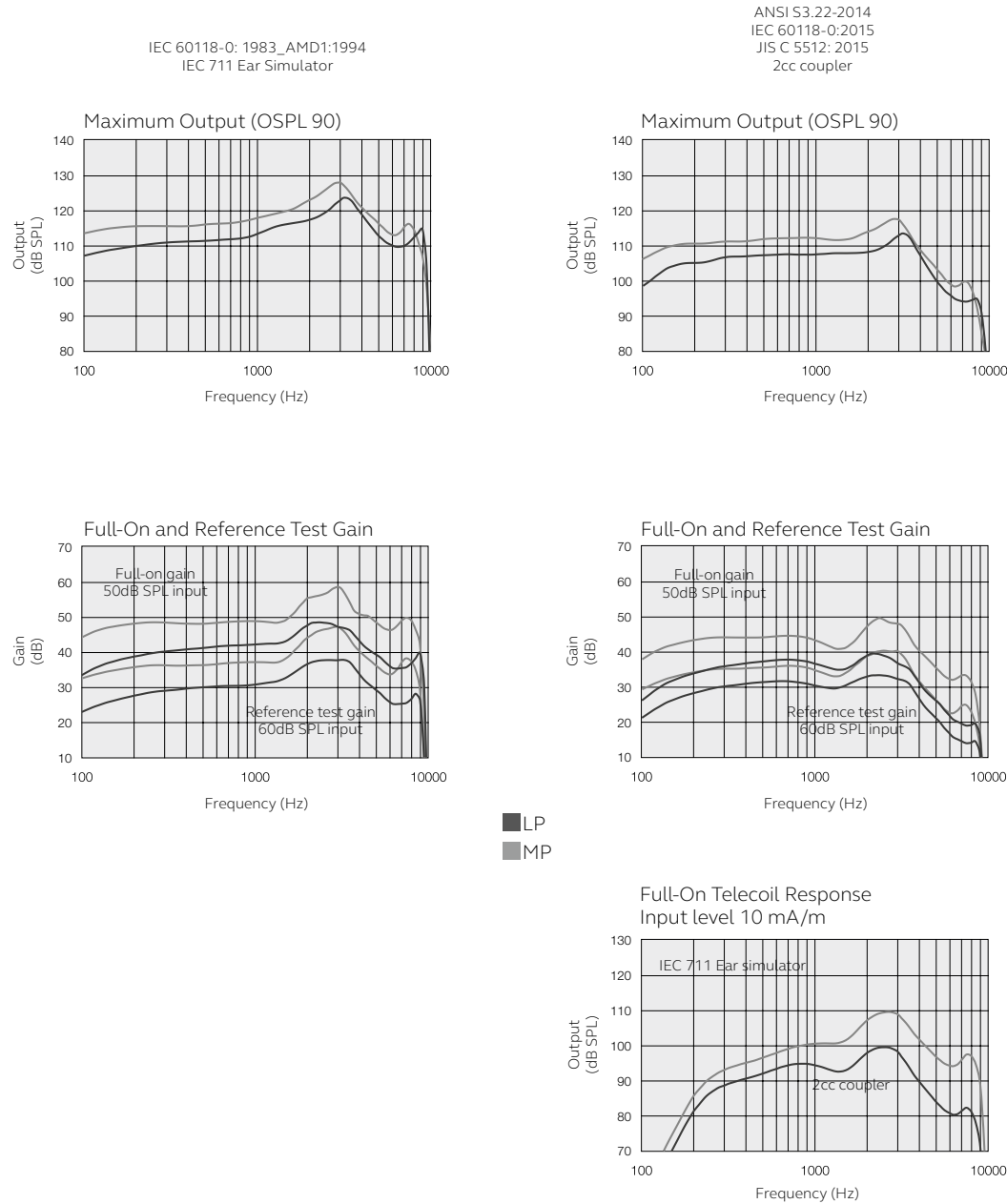
		LP		MP		
		IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0:1983_AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	34	32	39	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	49 44	40 37	59 50	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	124 116	114 109	128 120	118 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.4 0.5 0.5 -	0.3 0.4 0.5 0.2	0.4 0.7 0.6 -	0.3 0.4 0.5 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		22	22	25	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	10	10	10	dB SPL
Frequency range IEC 60118-0: 2015		100-9570 **	100-9150	100-9510 **	100-8770	Hz
Current Drain (Quiescent / Operating)		1.19/1.21	1.19/1.31	1.17/1.19	1.17/1.31	mA

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

* Telecoil is only optional for the MP model.
** Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

Patents pending

All specifications are subject to change without notice



Technical Specifications

		HP		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	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	60	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 58	60 53	78 70	70 62	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	130 126	120 119	137 137	129 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.8 1.9 0.8 -	0.5 0.8 0.6 0.2	0.4 1.0 0.2 0.1	0.4 0.5 0.1 0.1	%
Telecoil sensitivity (1 mA/m input) *	Max.	100	91	109	100	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	111	103	119	109	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	90	84	103	93	
Equivalent input noise, w/o Noise reduction		26	24	20	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	11	12	13	dB SPL
Frequency range IEC 60118-0: 2015		100-7390 **	100-6710	100-7390 **	100-4810	Hz
Current Drain (Quiescent / Operating)		1.15/1.18	1.15/1.25	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

* Telecoil is only optional for the HP and UP models.
** Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

Patents pending

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