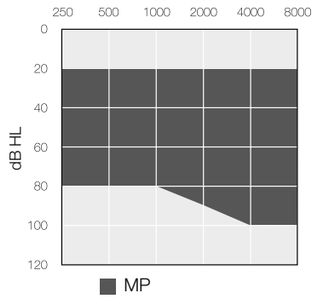
Danavox Barani

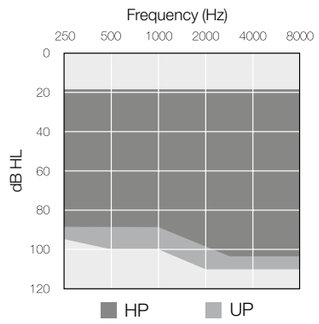
XA ITE



Fitting Range - Closed



Fitting Range - Closed



Model	XA9ITE-DW	XA7ITE-DW	XA5ITE-DW
Device Configurations			
Battery	312/13		
Power levels	MP, HP & UP		
Audiological Features			
WARP compression (WDRC) - number of channels	17	14	12
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 (MFi, Android™**)	●	●	●
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			
XE BeMore 1.9 or higher	●	●	●
Fully Flexible Programs	4	4	4
Auto DFS	●	●	●
Onboard Analyzer II	●	●	●
Noahlink Wireless	●	●	●

○ Basic ◉ Advanced ● Ultimate

* Also including functionality for synchronised Push Button Volume Control
** Compatible with Android smartphones that support direct Android streaming to hearing aids.

Made for iPhone | iPad | iPod

Works with android

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DANAVOX GN

Patents pending

All specifications are subject to change without notice

40169000GB-21.11-Rev.B

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 800 Hz 1600 Hz 3200 Hz	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		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

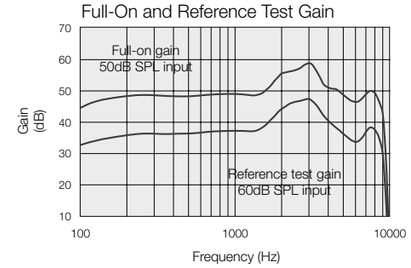
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

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

IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)

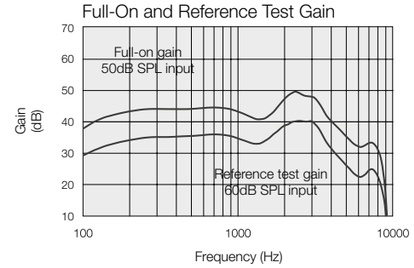
Full-On and Reference Test Gain



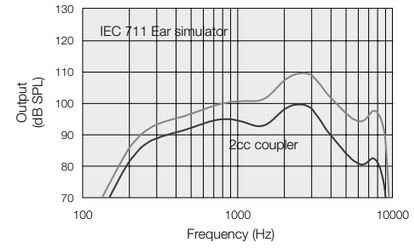
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

Maximum Output (OSPL 90)

Full-On and Reference Test Gain



Full-On Telecoil Response Input level 10 mA/m



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DANAVOX GN

Technical Specifications

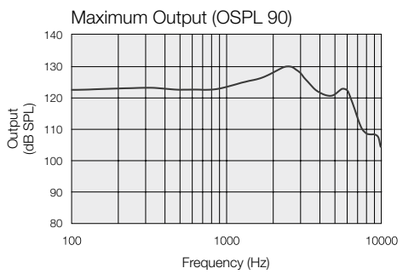
		HP IEC 60118-0: 1983_ AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	HP ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	47	42	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 58	60 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	130 126	120 119	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.8 1.9 0.8 -	0.5 0.8 0.6 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 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

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

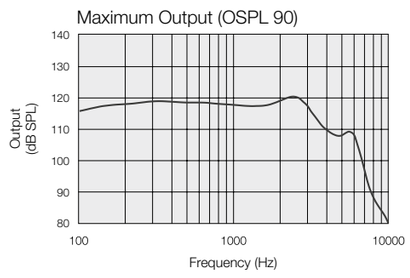
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)

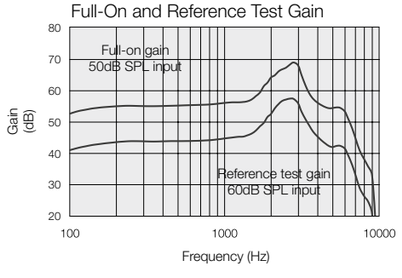


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

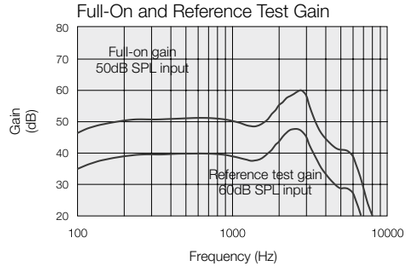
Maximum Output (OSPL 90)



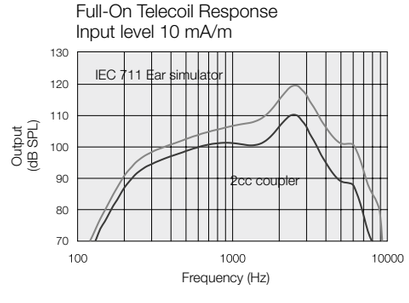
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Full-On Telecoil Response
Input level 10 mA/m



Patents pending

All specifications are subject to change without notice

Technical Specifications

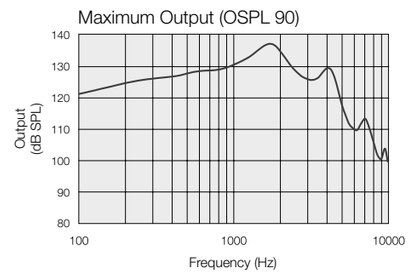
		UP IEC 60118-0: 1983_ AMD1:1994 IEC 60118-0:2015 IEC 711 Ear simulator	UP ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	60	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	78 70	70 62	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	137 137	129 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.4 1.0 0.2 -	0.4 0.5 0.1 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 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

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

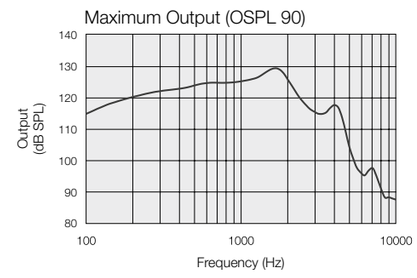
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)

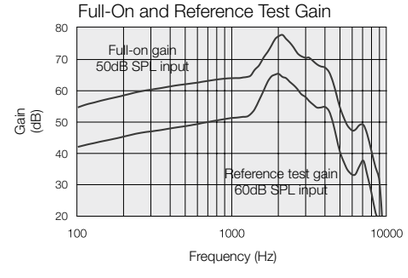


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

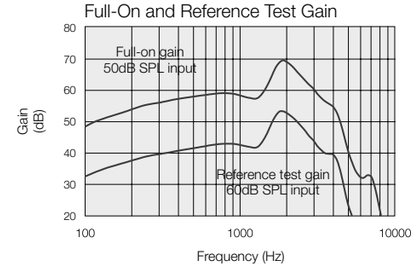
Maximum Output (OSPL 90)



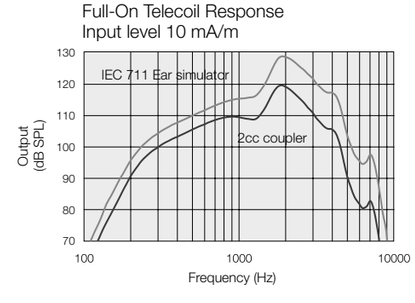
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Full-On Telecoil Response
Input level 10 mA/m



Patents pending

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