Danavox Boreal

XD ITE



ITE

Model	XD9ITE-DWC	XD7ITE-DWC	XD5ITE-DWC	XD4ITE-DWC
Device Configurations				
Battery	Rechargeable Lithium-Ion			
Control Options	Push Button			
Receiver Options	MP, HP, UP			
IP Classification	IP68			
Audiological Features				
Number of Channels	17	14	12	12
360 All-Around	●	–	–	–
All Access Directionality	–	●	–	–
Binaural Directionality III	–	–	●	–
Binaural Directionality	–	–	–	●
Spatial Sense	●	●	●	–
Front Focus	●	–	–	–
Ultra Focus	–	●	–	–
Synchronised Soft Switching	●	●	●	●
Environmental Optimiser II	●	–	–	–
Environmental Optimiser I	–	●	●	–
Noise Tracker II	5 settings	3 settings	2 settings	On/Off
Expansion	3 settings	2 settings	On/Off	On/Off
Impulse Noise Reduction	3 settings	3 settings	On/Off	On/Off
Wind Guard	3 settings	2 settings	On/Off	On/Off
Sound Shaper	●	●	●	●
DFS Ultra III (w/ Music Mode)	●	●	●	●
Synchronised Acceptance Manager	●	●	●	●
Tinnitus Sound Generator	●	●	●	●
Functional Features				
Ear to Ear Communication	●	●	●	●
Direct audio streaming	●	●	●	●
TV Streamer 2, Remote Control, Remote Control 2, Phone Clip+, Micro Mic and Multi Mic	●	●	●	●
BeMore app	●	●	●	●
Sound Enhancer (BeMore app)	●	–	–	–
Online Services				
Remote Fine Tuning	●	●	●	●
Live Assist	●	●	●	●
Remote Firmware Updates	●	●	●	●
Fitting Features				
Fitting Software XE BeMore 1.16 or higher	●	●	●	●
Fully Flexible Programs	4	4	4	4
Low Frequency Boost (UP receiver only)	3 settings	2 settings	On/Off	On/Off
Auto DFS	●	●	●	●
Datalogging	●	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●	●



Custom charger



Charging cable



AC/DC Adaptor
(EU example)

Technical data	Custom charger
Dimensions	82.0 mm(L) x 48.0 mm(W) x 58 mm(H), tolerance is ±1.0 mm
Weight	108 g, tolerance is ±10 g.
Power Supply	USB power supply, 5 V
Power Connector	USB-C
Charging form factor (CFF)	Custom
Charging time for Hearing Instrument	< 30 °C (86F): 5 hours, dependent on the initial state of charge of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz and 135.6 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C (41F) to + 30 °C (86F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger and Hearing Instrument	– 25 °C (-13F) to + 5 °C (41F), + 5 °C (41F) to + 35 °C (95F) at a relative humidity up to 90%, non-condensing, > 35 °C (95F) to 60 °C (140F) at a water vapour pressure up to 50 hPa

DANAVOX GN

Made for iPhone | iPad | iPod

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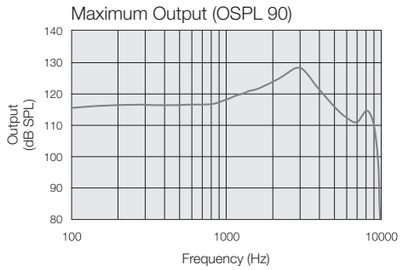
DANAVOX GN

Technical Specifications

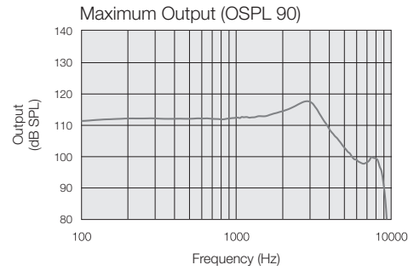
		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	43	38	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	60 52	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	128 122	118 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.6 0.8 0.9	0.6 0.6 0.7 0.3	%
Equivalent input noise, w/o Noise reduction		24	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	8	8	dB SPL
Frequency range IEC 60118-0: 2015*		100-9510	100-9100	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

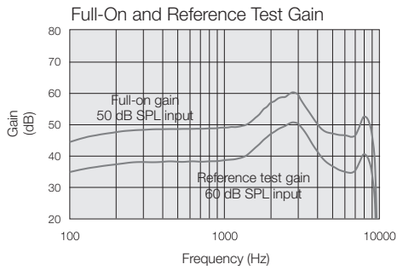
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

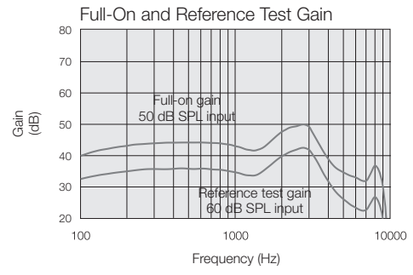


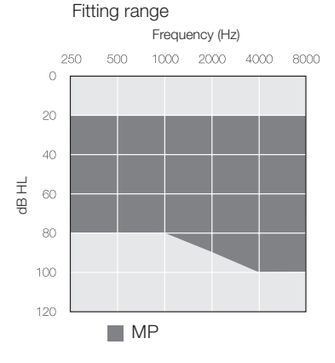
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler



MP







Patents pending.

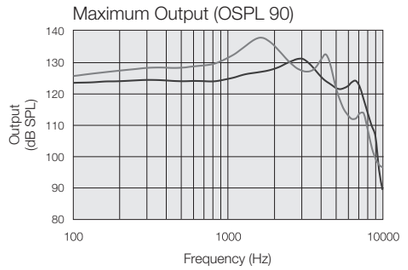
All specifications are subject to change without notice.

Technical Specifications

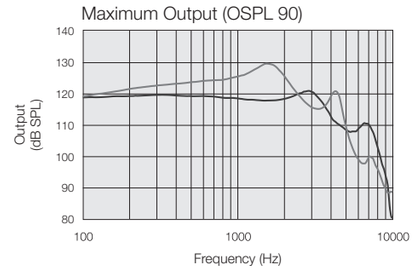
		HP		UP		
		IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	50	41	61	48	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	70 63	60 54	78 75	70 63	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131 127	121 119	138 138	130 125	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.5 0.9 1.2	0.5 0.6 0.8 0.2	0.9 0.8 0.2	0.6 0.6 0.2 0.1	%
Equivalent input noise, w/o Noise reduction		24	23	19	21	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	10	8	dB SPL
Frequency range IEC 60118-0: 2015*		100-8850	100-7740	100-7880	100-5770	Hz
Battery Lifetime (Battery type Rechargeable)**		30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	30 (Max) 24 (Typ)	Hours

* Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

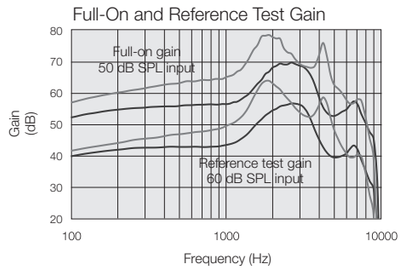
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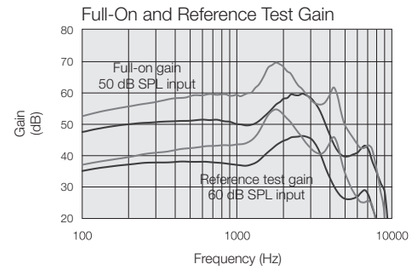


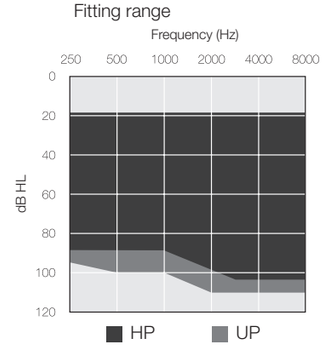
ANSI S3.22-2014
IEC 60118-0:2015
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2cc coupler



HP
UP







Patents pending.

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