Danavox Boreal

XD ITC



ITC

Model	XD9ITC-DWC	XD7ITC-DWC	XD5ITC-DWC	XD4ITC-DWC
Device Configurations				
Battery	Rechargeable Lithium-Ion			
Control Options	Push Button			
Receiver Options	LP, 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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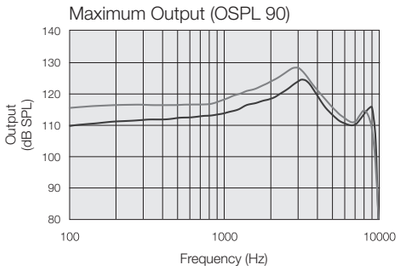
DANAVOX GN

Technical Specifications

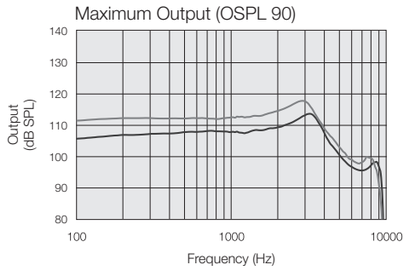
		LP		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	36	33	43	38	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	50 46	40 38	60 52	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125 117	114 109	128 122	118 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.4 0.4 0.3 –	0.3 0.4 0.5 0.2	0.5 0.9 0.8 –	0.5 0.6 0.8 0.3	%
Equivalent input noise, w/o Noise reduction		22	21	24	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	8	8	8	8	dB SPL
Frequency range IEC 60118-0: 2015*		100-9550	100-9260	100-9470	100-9040	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.

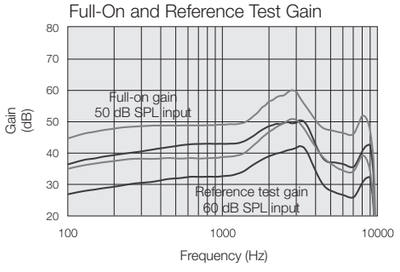
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

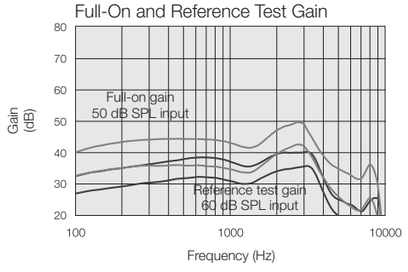


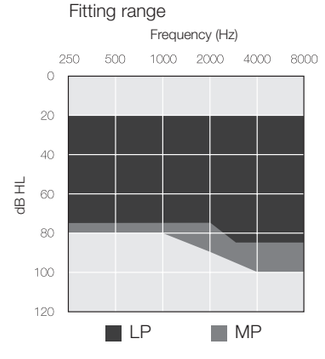
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler











Patents pending.

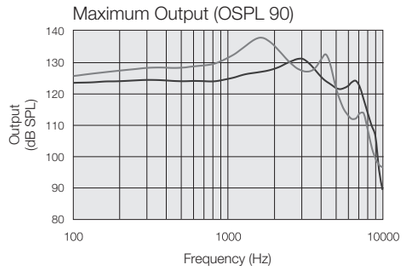
All specifications are subject to change without notice.

Technical Specifications

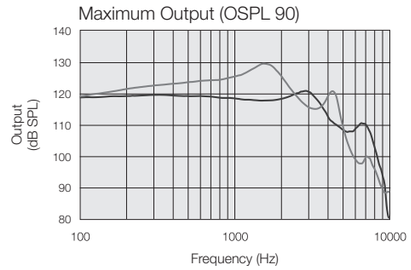
		HP		UP		
		IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	IEC 60118-0: 1983_AMD1:1994 IEC60118-0:2015* IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL 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.

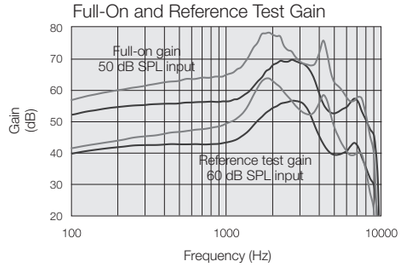
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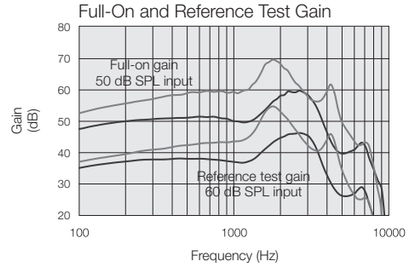


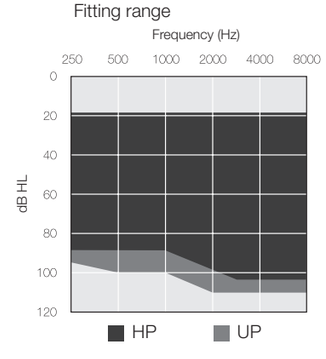
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler











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