Danavox Boreal

XD PBTE



XD88-DWC



XD88-DWC Metal Hook

Model	XD988-DWC	XD788-DWC	XD588-DWC	XD488-DWC
Device Configurations				
Battery size	Rechargeable Lithium-Ion			
Control Options	PB and VC			
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	●	●	●	●
Direct Audio Input (DAI)	●	●	●	●
Telecoil (TC)	●	●	●	●
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
Auto DFS	●	●	●	●
Datalogging	●	●	●	●
Wireless Fitting with Noahlink Wireless	●	●	●	●



Charger



Charging cable



AC/DC Adaptor
(EU example)

Technical data	Desktop Charger
Dimensions	82 mm x 36 mm x 46 mm / 3.2” x 1.4” x 1.8”
Weight	82 grams / 2.9 oz
Power Supply	USB power supply, 5 V
Charging form factor (CFF)	80
Charging time for Hearing Instrument	< 40 °C (104 °F): 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz and 333 kHz
ESD tolerance	According to IEC 61000-4-2 Electrostatic discharge immunity test standard
Operating & Charging temperature	+ 5 °C (41 °F) to + 40 °C (104 °F) at a relative humidity range of 15% to 90%, non-condensing
Storage temperature for charger and Hearing Instrument	– 25 °C (-13 °F) to + 5 °C (41 °F), + 5 °C (41 °F) to + 35 °C (95 °F) at a relative humidity up to 90%, non-condensing, > 35 °C (95 °F) to 70 °C (158 °F) at a water vapour pressure up to 50 hPa

DANAVOX GN

Made for iPhone | iPad | iPod

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DANAVOX GN

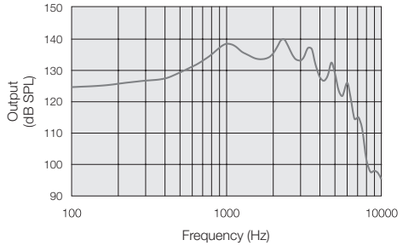
Technical Specifications

		XD88-DWC		
		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	57	52	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	75 67	67 61	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	140 134	133 129	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.7 1.3 0.4	0.7 0.6 0.3	%
Telecoil sensitivity (1 mA/m input)	Max.	105	97	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	121	112	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	97	92	
Equivalent input noise, w/o Noise reduction		23	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	10	dB SPL
Frequency range IEC60118-0:2015*		100-6440	100-5170	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.

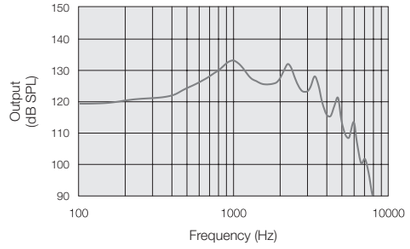
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)

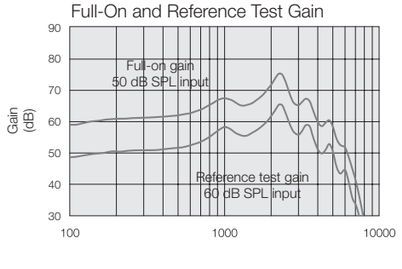


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

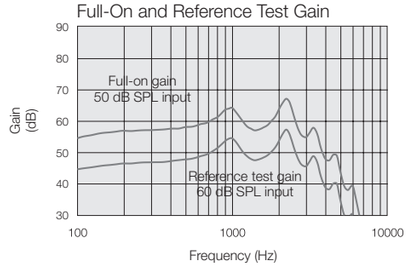
Maximum Output (OSPL 90)



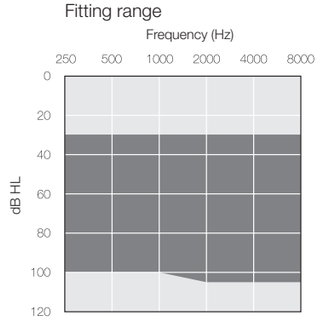
Full-On and Reference Test Gain



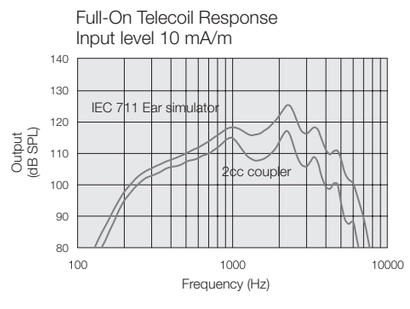
Full-On and Reference Test Gain



Fitting range



Full-On Telecoil Response
Input level 10 mA/m



Patents pending.

All specifications are subject to change without notice.

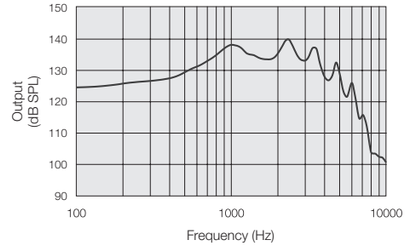
Technical Specifications

		XD88-DWC - Metal hook***		
		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	59	52	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	80 72	73 67	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	140 134	133 129	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	1.0 1.8 0.5	0.7 1.0 0.4	%
Telecoil sensitivity (1 mA/m input)	Max.	110	102	
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	122	112	dB SPL
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	103	97	
Equivalent input noise, w/o Noise reduction		23	20	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	11	dB SPL
Frequency range IEC60118-0:2015*		100-5430	100-4970	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.
*** Metal hook version of XD88-DWC models are configured in fitting software with the metal hook accessory.

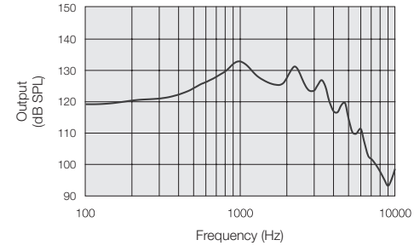
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)

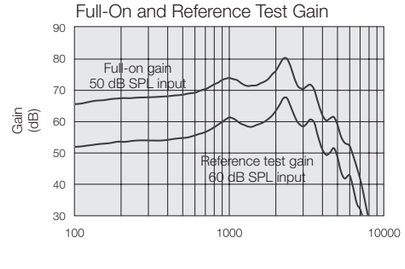


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

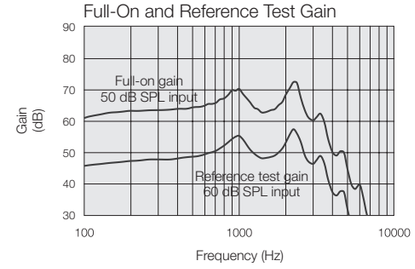
Maximum Output (OSPL 90)



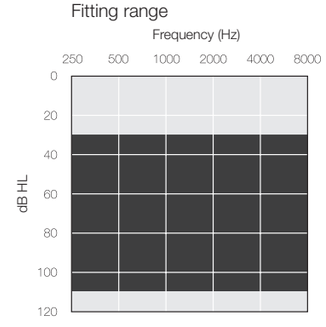
Full-On and Reference Test Gain



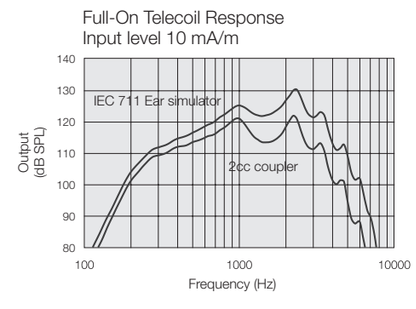
Full-On and Reference Test Gain



Fitting range



Full-On Telecoil Response
Input level 10 mA/m



Patents pending.

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