

Danavox Astro CORE SP

XH



Model**	XH498-DWHC*	XH398-DWHC
Device Configurations	Rechargeable Lithium-Ion	
Battery size 98-DWHC	TapControl Push button Multi-Function button Telecoil	
Control Options	IP68	
IP Classification	Audiological Features	
Channels	12	12
Binaural Directionality III	●	–
Spatial Sense	●	–
Autoscope Adaptive Directionality (w/Adjustable Directional Mix)	●	●
Synchronised Soft Switching	●	●
Streaming Bass Boost	2 Settings	1 Setting
Fixed Directionality	●	●
Environmental Optimizer I	●	–
Noise Tracker II	2 Settings	1 Setting
Wind Guard	2 Settings	1 Setting
Impulse Noise Reduction	2 Settings	1 Setting
Expansion	2 Settings	1 Setting
Sound Shaper	●	●
DFS Ultra III (w/Music Mode)	●	●
Synchronised Acceptance Manager	●	●
Low frequency Boost	●	●
Amplification Strategy (WDRC/Semi-Linear/Linear)	●	●
Tinnitus Sound Generator	●	●
Functional Features	Ear-to-Ear Communication	
MultiConnect	●	●
Bluetooth® Auracast™	●	●
Direct audio streaming (compatible iOS*** and Android™ devices)	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●
BeMore app	●	●
Online Services	Remote Fine Tuning	
Live Assist	●	●
Remote Firmware Updates	●	●
Fitting Features	Fitting Software XE BeMore 2.2 or higher	
Fully Flexible Programs	4	4
Datalogging	●	●
Wireless fitting with Noahlink Wireless	●	●

* XHX98-DWHC has the capability to change the feature set from the highest level to the other price points for demo purposes.
** Availability of models may vary by country.
*** MFi supports hands-free calls for iPhone 11 or later, iPad Pro 12.9-inch (5th generation), iPad Pro 11-inch (3rd generation), iPad Air (4th generation), iPad mini (6th generation) or later, with software updates iOS 15.3 and iPadOS 15.3 or later.



Desktop charger
Charging form factor (CFF 90)



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Technical Specifications

		XH98-DWHC - Metal hook	
		ANSI S3.22-2014 IEC 60118-0:2022 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	54	dB
Full-on gain (50 dB SPL input)	Max. HFA	84 69	dB
Maximum output (90 dB SPL input)	Max. HFA	140 131	dB SPL
Total harmonic distortion	500 Hz	6.8	%
	800 Hz	1.0	
	1600 Hz	0.4	
Full-on SPLIV @ 10mA/m	Max.	132	dB SPL
HFA-SPLIV @ 31.6 mA/m	HFA	114	
Full-on HFA-SPLIV @ 10mA/m	HFA	118	
Equivalent input noise, w/o Noise reduction		26	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	7	dB SPL
Frequency range		<200 - 5250	Hz
Battery Lifetime (Battery type Rechargeable)*		28 (max) 24 (typical)	Hours

* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment. Maximum number includes no streaming; typical number includes several hours of streaming.

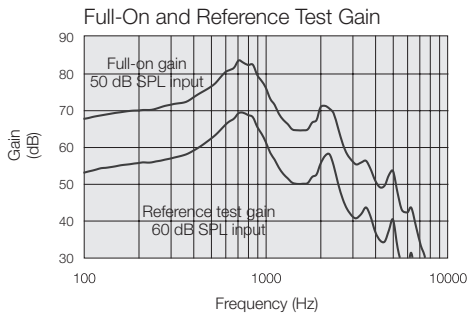
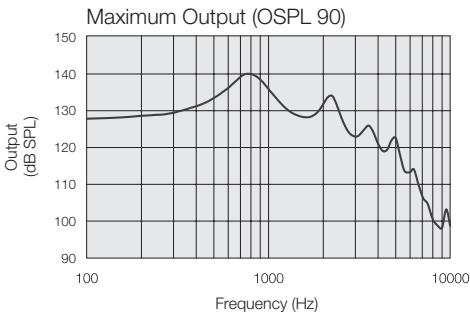
Technical Specifications

		XH98-DWHC - Plastic hook**	
		ANSI S3.22-2014 IEC 60118-0:2022 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	HFA	54	dB
Full-on gain (50 dB SPL input)	Max. HFA	79 67	dB
Maximum output (90 dB SPL input)	Max. HFA	140 131	dB SPL
Total harmonic distortion	500 Hz	4.8	%
	800 Hz	0.7	
	1600 Hz	0.4	
Full-on SPLIV @ 10mA/m	Max.	127	dB SPL
HFA-SPLIV @ 31.6 mA/m	HFA	113	
Full-on HFA-SPLIV @ 10mA/m	HFA	116	
Equivalent input noise, w/o Noise reduction		24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	7	dB SPL
Frequency range		<200 - 5330	Hz
Battery Lifetime (Battery type Rechargeable)*		28 (max) 24 (typical)	Hours

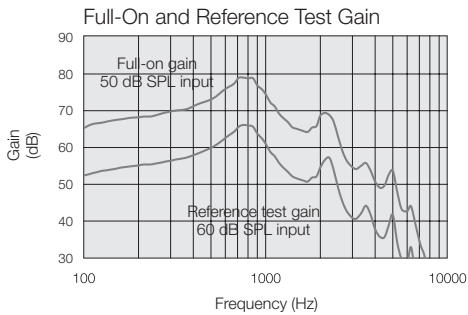
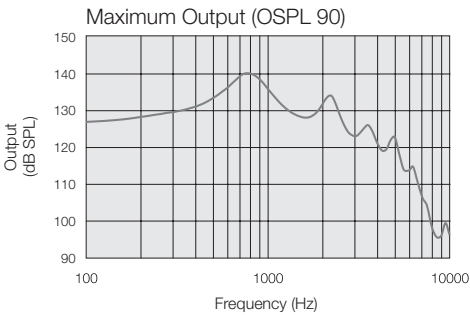
* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment. Maximum number includes no streaming; typical number includes several hours of streaming.

** Optional: Plastic hook version of XH98-DWHC models are configured in fitting software with the plastic hook accessory.

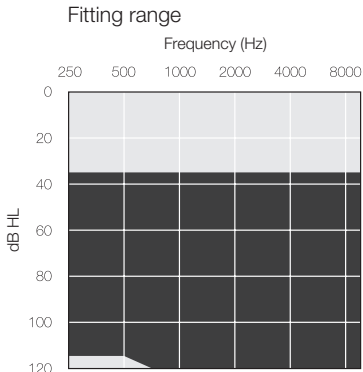
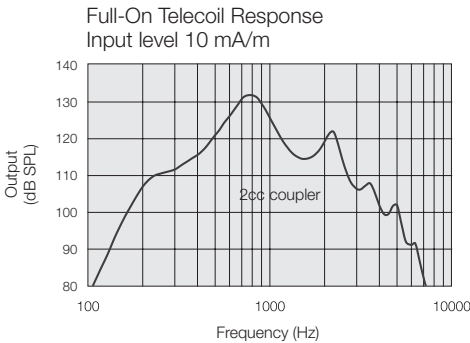
Patents pending.



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All specifications are subject to change without notice.



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