Beltone **Amaze™**



Product Description

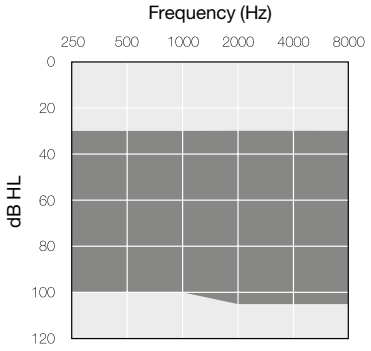
The Beltone Amaze product platform offers an extended bandwidth of up to 9.5 kHz and a higher input dynamic range of up to 116 dB SPL. CrossLink Directionality 2 provides a strong base by closely monitoring surroundings and automatically switching to the most natural speech focus settings. The result is a truly amazing hearing experience in all situations with a clearer, fuller, and richer sound quality.

The 6th generation 2.4 GHz wireless functionality allows cloud connectivity with Beltone Remote Care, enabling the hearing aids to communicate with each other. Direct audio streaming from iOS and Android™* devices is available for Beltone Amaze hearing aids.

The Behind-the-Ear (BTE) model 86 hearing aid comes with telecoil and Direct Audio Input (DAI) functionality as standard. Beltone Amaze BTE hearing aids are HPF80 NanoBlock-coated for optimum durability and meet the IP68 classification for ingress protection.

*Compatible from Android version 10 and Bluetooth® 5.0 with the Android streaming to hearing aids feature.

Fitting Range



Model	AMZ1786-DWT	AMZ986-DWT	AMZ686-DWT
Device Configurations			
Battery size	13		
Colours available	8		
Audiological Features			
Curvilinear Rapid (WDRC)	17	14	12
CrossLink Directionality 2™	●		
Personal Sound ID	●		
CrossLink Directionality		●	
Spatial Directionality	●	●	●
Band-split Directionality	●	●	●
Adjustable Mixing point Frequency	●	●	
Synchronized Speech Spotter Pro	●	●	
Synchronized Speech Spotter Basic			●
Smart Beam Steering	●	●	
Adaptive Directionality	●	◉	○
Smart Gain Pro	●		
Smart Gain		●	
Sound Cleaner Pro	●	◉	
Sound Cleaner			●
Silencer	●	●	●
Impulse Noise Reduction	●	●	
Wind Noise Reduction	●	◉	○
Sound Shifter	●	●	●
Feedback Eraser with WhistleStop	●		
Feedback Eraser		◉	○
AFX Music Mode	●	●	●
Synchronised Satisfy	●	●	●
Low Frequency Boost	●	●	○
Amplification Strategy (WDRC/Semi-linear/Linear	●	●	◉
Tinnitus Breaker Pro	●	●	●
Functional Features			
Synchronized Push Button	●	●	●
Synchronized Volume Control	●	●	●
Delayed Activation	●	●	●
Auto-Phone	●	●	●
Asymmetric Phone Handling	●	●	●
Ear to Ear Communication	●	●	●
Direct audio streaming	●	●	●
Beltone Direct TV Link 2, myPAL Pro and Micro, Phone Link 2, Remote Control & Remote Control 2	●	●	●
Beltone HearMax™ app	●	●	●
Beltone Remote Care™			
Remote Fine Tuning	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Beltone Solus Max™ 1.6 or higher	●	●	●
Fully Flexible Programs	4	4	4
Safeguard Feedback Control	●	●	●
Satisfaction Journal	●	●	●
Noahlink Wireless	●	●	●

○ Basic
◉ Advanced
● Ultimate

Made for iPhone | iPad | iPod

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Technical Specifications

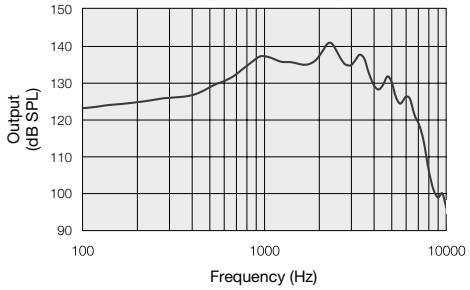
		AMZ86-DWT		
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	56	53	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	74 68	68 62	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	141 135	134 130	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.7 0.5 0.6 -	2.6 0.2 0.5 0.2	%
Telecoil sensitivity (1 mA/m input) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	104 118 97	97 113 92	dB SPL
Equivalent input noise, w/o Noise reduction		23	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		13	13	dB SPL
Frequency range IEC 60118-0: 2015		100-6540*	100-5160	Hz
Current Drain (Quiescent / Operating)		1.18/1.28	1.18/1.4	mA

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

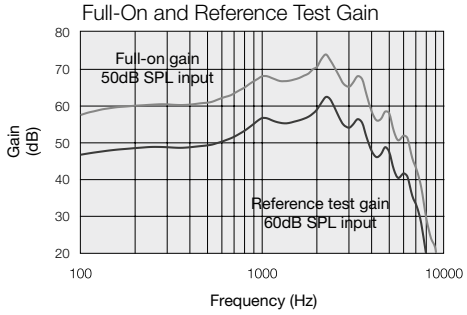
* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

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

Maximum Output (OSPL 90)

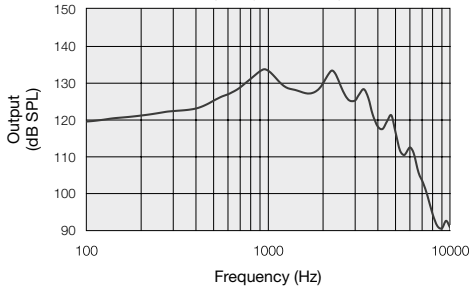


Full-On and Reference Test Gain

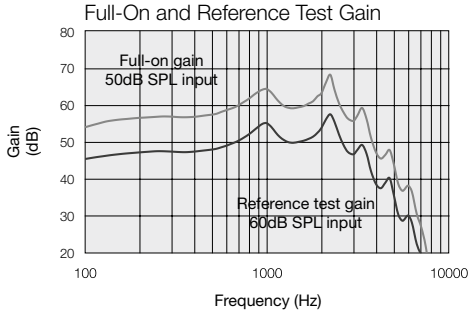


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

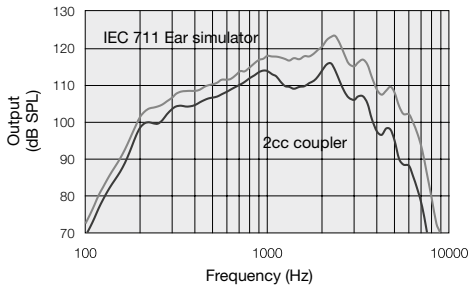
Maximum Output (OSPL 90)



Full-On and Reference Test Gain



Full-On Telecoil Response
Input level 10 mA/m



Patents pending

All specifications are subject to change without notice

Worldwide Headquarters
Beltone A/S
Lautrupbjerg 7
DK-2750 Ballerup, Denmark
Tel.: +45 45 75 11 11
beltone.com

CVR no. 55082715

Australia
GN Hearing Australia Pty Ltd
Gate C, 19-25 Khartoum Road
Macquarie Technology Park
Macquarie Park NSW 2113
Tel.: (free) 1800 658 955
beltone.com/en-au

New Zealand
GN Hearing New Zealand Limited
Ground Floor, North Entrance
4 Fred Thomas Drive
Takapuna, Auckland, 0622
Tel.: (free) 0800 900 126
beltone.com

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