Beltone **Boost Ultra™**



Product Description

Beltone Boost Ultra utilizes our newest chip, which is significantly faster and the foundation for an industry-leading sound quality with unique sound clarity and speech understanding.

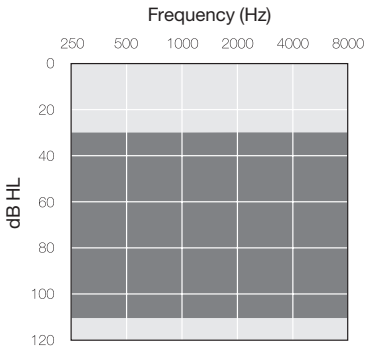
The Beltone Boost Ultra product platform offers a higher input dynamic range of up to 113 dB SPL. Feedback Manager Plus ensures feedback-free audibility in dynamic situations and, with CrossLink Directionality 2 providing a strong base, the product offers a truly amazing hearing experience in all situations with clearer, fuller, and richer sound quality.

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

The Behind-the-Ear (BTE) model 86 hearing aid comes with telecoil and Direct Audio Input (DAI) functionality as standard. Beltone Boost Ultra 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	BBU1786-DWHT	BBU986-DWHT	BBU686-DWHT
Device Configurations			
Battery		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	●	◉	○
Impulse 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

© 2019 GN Hearing Care Corporation. All rights reserved. Beltone is a trademark of GN Hearing Care Corporation. Apple, the Apple logo, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google LLC.
The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc.

Beltone™

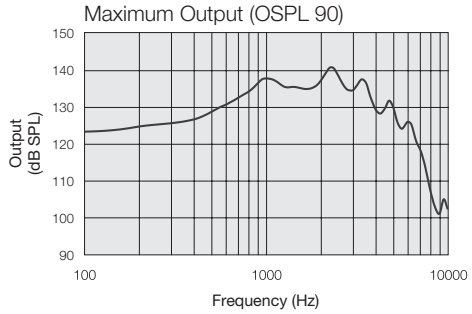
Technical Specifications

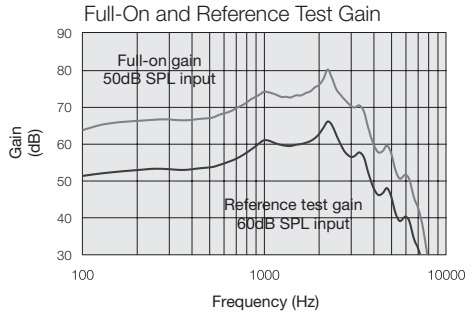
		BBU86-DWHT		
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	60	53	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	80 73	73 67	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	141 135	134 130	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	1.4 0.6 0.8 -	2.8 0.4 0.4 0.1	%
Telecoil sensitivity (1 mA/m input) HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	110 123 104	103 114 98	dB SPL
Equivalent input noise, w/o Noise reduction		23	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		13	12	dB SPL
Frequency range IEC 60118-0: 2015		100-5270*	100-4940	Hz
Current Drain (Quiescent / Operating)		1.18/1.4	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

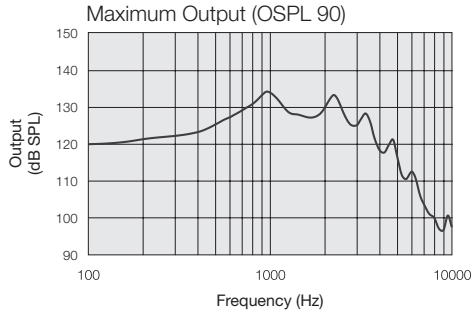
* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

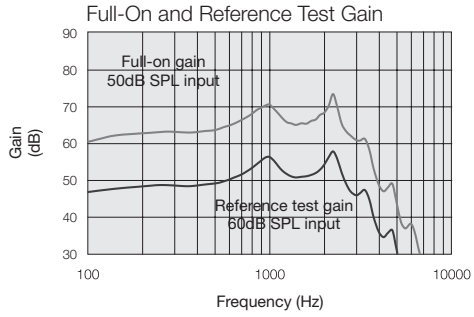
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

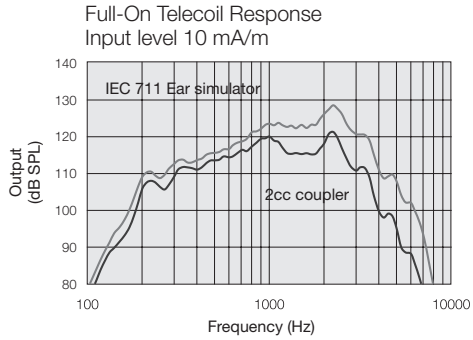




ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler







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

401242000GB-19.11-Rev.A