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.

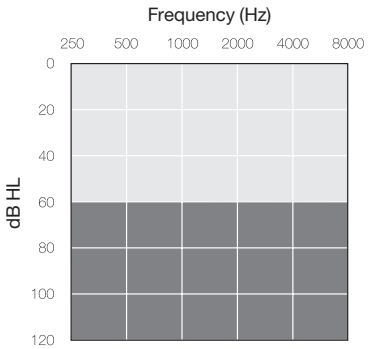
The Beltone Boost Ultra product platform offers a higher input dynamic range of up to 113 dB SPL. Feedback Manager Plus ensures feedback-free audibility in dynamic situations and, with CrossLink Directionality 2 providing a strong base, the product offers a truly amazing hearing experience in all situations 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 95 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	BBU1795-DWT	BBU995-DWT	BBU695-DWT
Device Configurations			
Battery		675	
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

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Beltone™

Technical Specifications

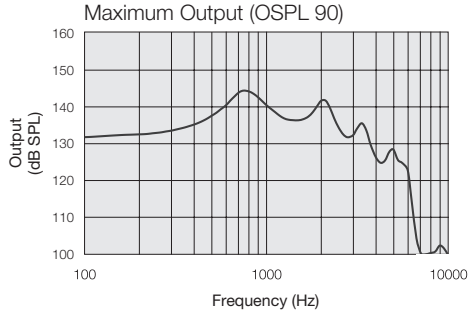
		BBU95-DWT		
		IEC 60118-0 2nd IEC 711 Ear simulator	IEC 60118-0 3rd IEC 60118-7 ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	62	53	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	86 74	83 67	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	144 136	141 130	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	4.7 0.8 0.8 -	4.2 0.5 0.7 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	117 123 106	113 113 98	dB SPL
Equivalent input noise, w/o Noise reduction		23	27	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		7	8	dB SPL
Frequency range IEC 60118-0: 2015		100-6120*	100-5200	Hz
Current Drain (Quiescent / Operating)		1.3/1.7	1.3/3.3	mA

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

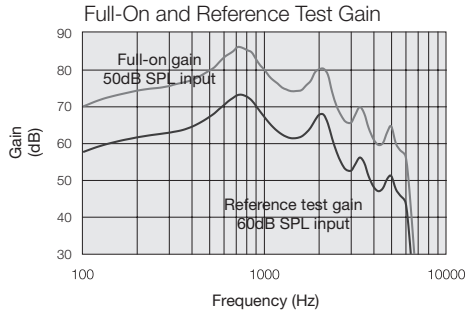
* Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

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

Maximum Output (OSPL 90)

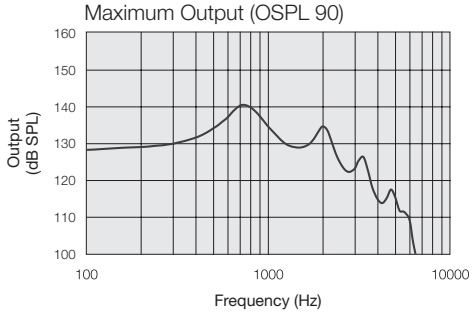


Full-On and Reference Test Gain

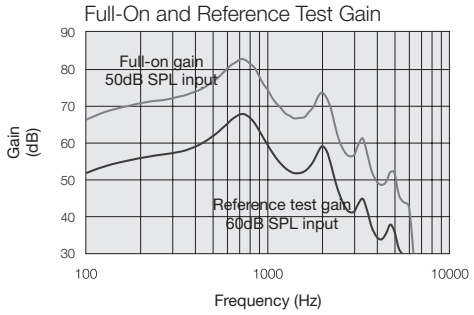


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

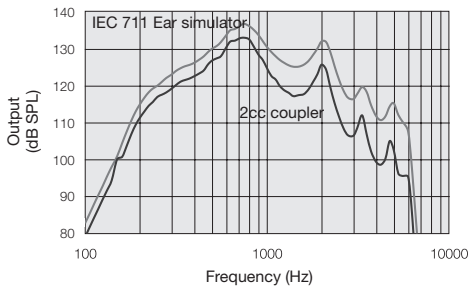
Maximum Output (OSPL 90)



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

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