

Beltone Boost™ Max S



Model**	BMS1795-DWHC*	BMS995-DWHC	BMS695-DWHC	BMS495-DWHC	BMS395-DWHC
Device Configurations					
Battery size 95-DWHC	Rechargeable Lithium-Ion				
Control Options	TapControl Push button Multi-Function button Telecoil				
IP Classification	IP68				
Audiological Features					
Channels	17	14	12	12	12
CrossLink Directionality 4	●	-	-	-	-
CrossLink Directionality 3	-	●	-	-	-
CrossLink Directionality 2	-	-	-	●	-
Clear Focus	●	-	-	-	-
Ultra Focus 2	-	●	-	-	-
Ultra Focus	-	-	●	-	-
Personal Sound ID	●	●	●	●	-
Smart Beam Steering (w/Adjustable Mixing Point Frequency)	●	●	●	●	●
Speech Spotter Pro	●	●	-	-	-
Speech Spotter Basic	-	-	●	●	●
Streaming Bass Boost	3 Settings	3 Settings	2 Settings	2 Settings	1 Setting
Fixed Directionality	●	●	●	●	●
Smart Gain Pro	●	-	-	-	-
Smart Gain	-	●	●	●	-
Sound Cleaner Pro	5 Settings	4 Settings	3 Settings	2 Settings	1 Setting
Wind Noise Reduction	3 Settings	3 Settings	2 Settings	2 Settings	1 Setting
Impulse Noise Reduction	3 Settings	3 Settings	2 Settings	2 Settings	1 Setting
Silencer	3 Settings	3 Settings	2 Settings	2 Settings	1 Setting
Sound Shifter	●	●	●	●	●
Feedback Eraser 2	●	●	●	●	●
Synchronised SATISFY	●	●	●	●	●
Low frequency Boost	●	●	●	●	●
Amplification Strategy (WDRC/Semi-Linear/Linear)	●	●	●	●	●
Tinnitus Breaker Pro	●	●	●	●	●
Functional Features					
Ear-to-Ear Communication	●	●	●	●	●
MultiConnect	●	●	●	●	●
Bluetooth® Auracast™	●	●	●	●	●
Direct audio streaming (compatible iOS*** and Android™ devices)	●	●	●	●	●
TV-Streamer+, Multi-Mic+ and Remote Control	●	●	●	●	●
Beltone HearMax™ app	●	●	●	●	●
Sound Enhancer (Beltone HearMax™ app)	●	-	-	-	-
Remote Fine Tuning and Updates					
Remote Fine Tuning	●	●	●	●	●
Beltone Remote Care Live	●	●	●	●	●
Remote Firmware Updates	●	●	●	●	●
Fitting Features					
Beltone Solus Max™ 2.2 or higher	●	●	●	●	●
Fully Flexible Programs	4	4	4	4	4
Datalogging	●	●	●	●	●
Wireless fitting with Noahlink Wireless	●	●	●	●	●

* BMSX95-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

BMS95-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.

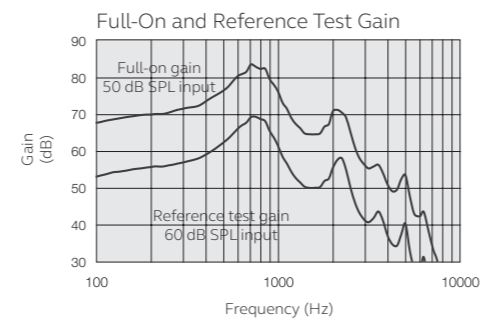
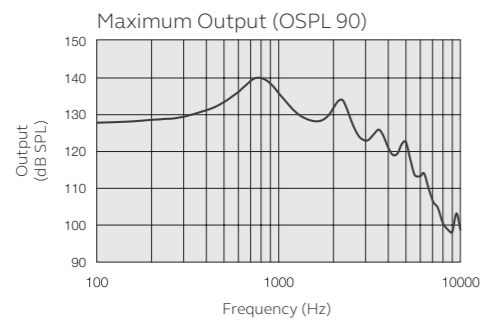
Technical Specifications

BMS95-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

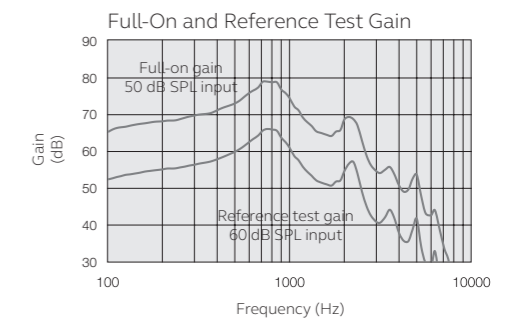
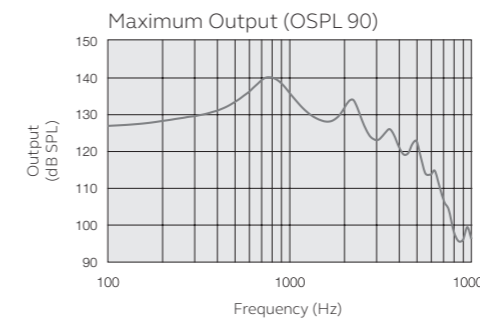
* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment. Maximum number includes no streaming; typical number includes several hours of streaming.

** Optional: Plastic hook version of BMS95-DWHC models are configured in fitting software with the plastic hook accessory.

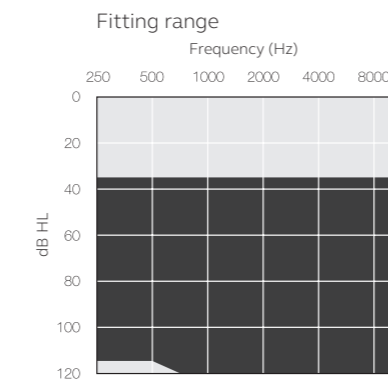
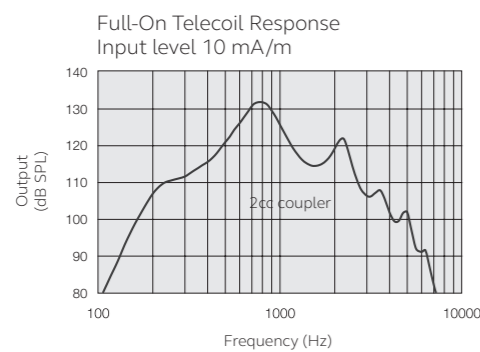
Patents pending.



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All specifications are subject to change without notice.



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