Beltone **Amaze**™

Product Description

The Beltone Amaze In-the-Ear (ITE) model has three receiver power levels to select: Medium (MP), High (HP), and Ultra (UP).

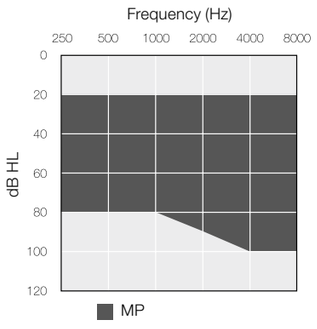
The Beltone Amaze product platform offers an extended bandwidth of up to 9.5 kHz, a higher input dynamic range of up to 116 dB SPL, and a strong base of CrossLink Directionality 2, a functionality that closely monitors surroundings and automatically switches to the most natural speech focus settings. This product therefore offers a truly amazing and individual 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. Telecoil is optional for the ITE-DWT models.

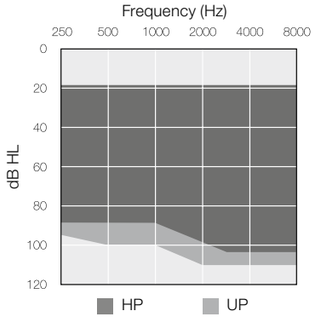
Beltone Amaze ITE hearing aids are HPF80 NanoBlock-coated for optimum durability.

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

Fitting Range - Closed



Fitting Range - Closed





Model	AMZ17-ITE-DW AMZ17-ITE-DWT	AMZ9-ITE-DW AMZ9-ITE-DWT	AMZ6-ITE-DW AMZ6-ITE-DWT
Device Configurations			
Battery	312/13		
Power levels	MP, HP & UP		
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	●	●	
Sound Shifter	●	●	●
Feedback Eraser with WhistleStop	●		
Feedback Eraser		◉	○
AFX Music Mode	●	●	●
Synchronized Satisfy	●	●	●
Low Frequency Boost (Only UP)	●	●	○
Amplification Strategy (WDRC/Semi-Linear/Linear - Only UP)	●	●	◉
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	●	●	●

* Also including functionality for synchronized Push Button Volume Control

○ Basic Settings ◉ Advanced Settings ● Ultimate Settings

Patents pending

All specifications are subject to change without notice

40116600GB-19.12-Rev.C

Made for iPhone | iPad | iPod

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Beltone

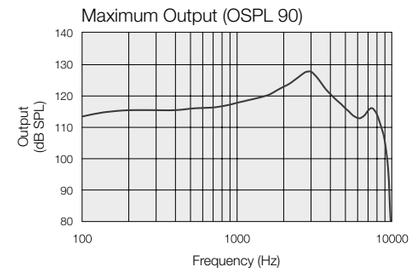
Technical Specifications

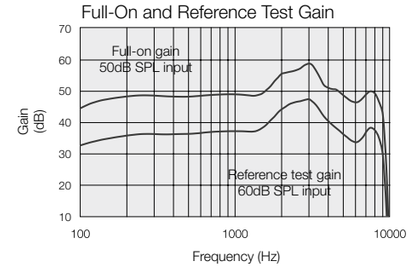
		MP		
		IEC 60118-0: 1983_AMD1:1994 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	39	37	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	59 50	50 45	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	128 120	118 114	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.4 0.7 0.6 -	0.3 0.4 0.5 0.3	%
Telecoil sensitivity (1 mA/m input) *	Max.	90	79	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	103	98	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	82	76	
Equivalent input noise, w/o Noise reduction		25	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	10	10	
Frequency range IEC 60118-0: 2015		100-9510 **	100-8770	Hz
Current Drain (Quiescent / Operating)		1.17/1.19	1.17/1.31	mA

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

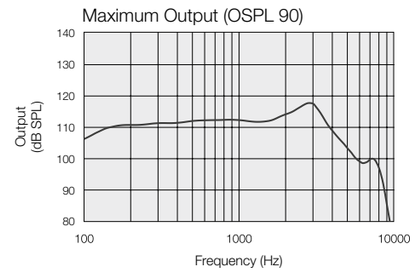
* Telecoil is only optionable for the ITE-DWT-models.
** Measured according to IEC60118-0:2015, with 711-Ear simulator coupler.

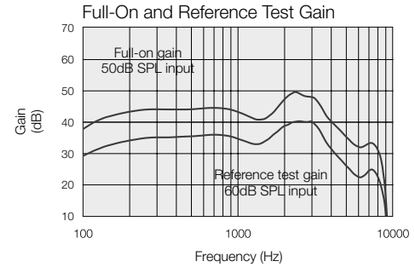
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

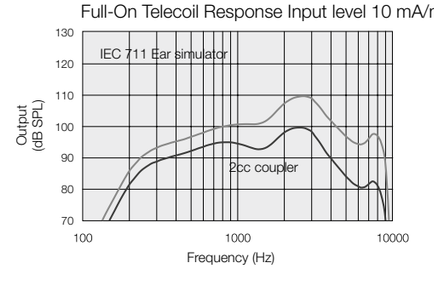




ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler







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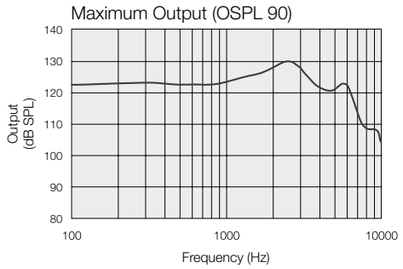
Technical Specifications

		HP		
		IEC 60118-0: 1983_ AMD1:1994 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	47	42	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	69 58	60 53	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	130 126	120 119	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.8 1.9 0.8 -	0.5 0.8 0.6 0.2	%
Telecoil sensitivity (1 mA/m input) *	Max.	100	91	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	111	103	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	90	84	
Equivalent input noise, w/o Noise reduction		26	24	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	11	11	
Frequency range IEC 60118-0: 2015		100-7390 **	100-6710	Hz
Current Drain (Quiescent / Operating)		1.15/1.18	1.15/1.25	mA

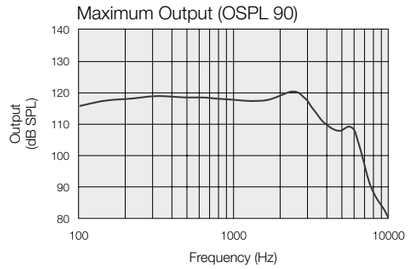
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

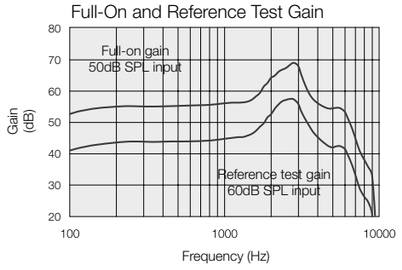
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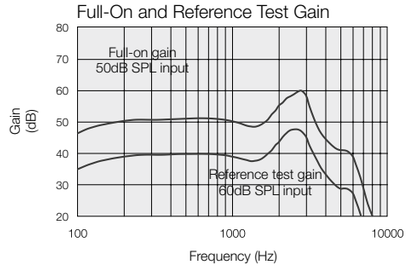
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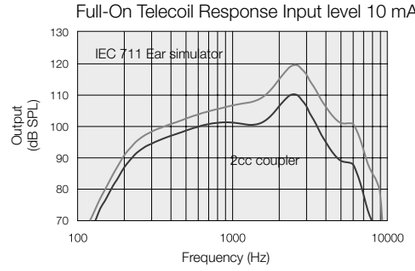


ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler









Patents pending

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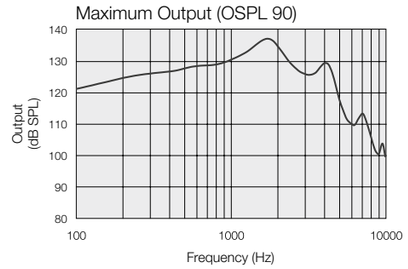
Technical Specifications

		UP		
		IEC 60118-0: 1983_ AMD1:1994 IEC 711 Ear simulator	ANSI S3.22-2014 IEC 60118-0:2015 JIS C 5512: 2015 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	60	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	78 70	70 62	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	137 137	129 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz 3200 Hz	0.4 1.0 0.2	0.4 0.5 0.1 0.1	%
Telecoil sensitivity (1 mA/m input) *	Max.	109	100	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA	119	109	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	103	93	
Equivalent input noise, w/o Noise reduction		20	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction	1600 Hz	12	13	
Frequency range IEC 60118-0: 2015		100-7390 **	100-4810	Hz
Current Drain (Quiescent / Operating)		1.17/1.24	1.17/1.21	mA

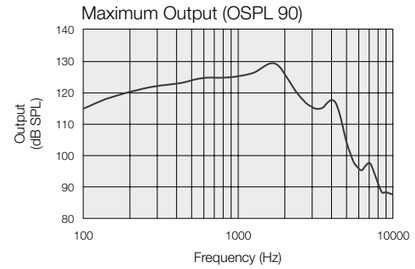
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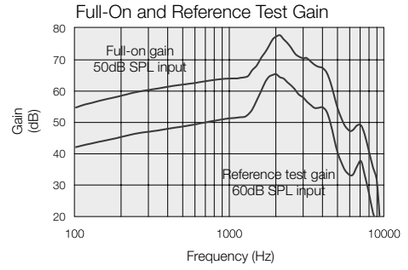
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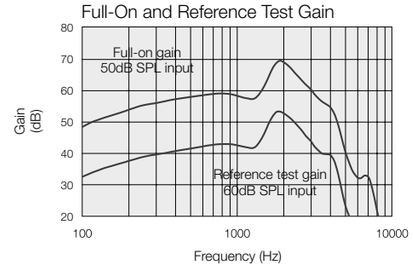
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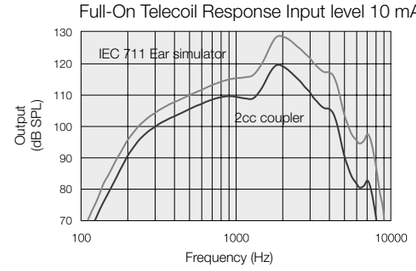


ANSI S3.22-2014
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