Beltone **Amaze**™

Product Description

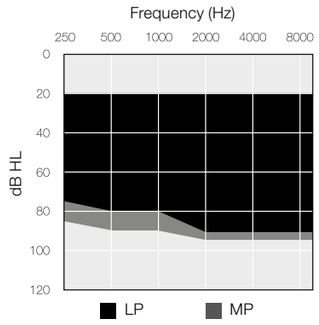
Beltone Amaze Receiver-in-Ear (RIE) models 63 and 64 have four receiver power levels to select: Low (LP), Medium (MP), High (HP), and Ultra (UP). Model 63-DRWC is rechargeable; it features a fully integrated lithium ion battery, lasting up to 30 hours, and comes with a stylish hearing aid charger.

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. The result is a truly amazing and individual hearing experience in all situations with a clearer, fuller, and richer sound quality.

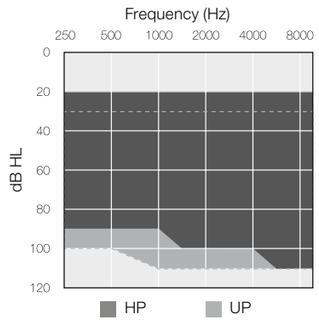
The 6th generation 2.4 GHz wireless functionality allows cloud connectivity with Beltone Remote Care, enabling the hearing aids to communicate with each other. Direct audio streaming from iOS and Android™* devices is available for Beltone Amaze hearing aids. Telecoil is available for the 64-DRWT models. Beltone Amaze RIE 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 - Closed



Fitting Range - Closed





AMZ63-DRW AMZ63-DRWC AMZ64-DRW /AMZ64-DRWT

Model	AMZ1763-DRW AMZ1763-DRWC AMZ1764-DRW AMZ1764-DRWT	AMZ963-DRW AMZ963-DRWC AMZ964-DRW AMZ964-DRWT	AMZ663-DRW AMZ663-DRWC AMZ664-DRW AMZ664-DRWT
Device Configurations			
Battery size 63-DRW	312 Zinc-Air		
Battery size 63-DRWC	Rechargeable Lithium-Ion		
Battery size 64-DRW / 64-DRWT	13 Zinc-Air		
Power levels	LP, MP, HP & UP		
Colors 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	●	●	●
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 sychronized Push Button Volume Control
** Only for 64 models

○ Basic Settings
◉ Advanced Settings
● Ultimate Settings

Made for iPhone | iPad | iPod

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Beltone™

400928000GB-1912-Rev.F

Beltone **Amaze**™

Hearing Aid Charger

The Beltone Amaze hearing aid charger is a premium portable charger designed for the RIE 63 model. It is small, compact and easy to carry around.

- It's intuitive and easy to use with 5 LEDs that shows the battery level of the hearing aids and 3 LEDs on the back that shows the level of the internal battery of the charger
- It charges two hearing aids fully within 3 hours
- When fully charged the hearing aid charger has capacity for three full charges of two hearing aids



Charger



Charging cable



AC/DC Adaptor

Technical data

Dimensions	99.4 x 35 x 67.5 mm / 3,9 x 1.4 x 2.7 ”
Weight	145 gram / 5.1 oz
Power Supply	Rechargeable Lithium Ion battery
Power Connector	Micro USB
Power Source	3.7 V, 2600 mAh
Charging time for internal lithium ion battery in Charger	Max 3,5 hours, depending on initial state of the battery
Battery life (fully charged, not connected to mains power)	"Min. 3 full charges of 2 hearing instruments, Without hearing instruments: 12 months"
Charging time for Hearing Instrument	Maximum 3 hours, depending on initial state of the battery
Wireless frequency between Hearing Instrument and Charger	2.4 GHz, 267 kHz and 333 kHz
ESD tolerance	According IEC 61000-4-2 Electrostatic discharge imunity test standard
Operating & Charging temperature	0 to 40 ºC / 32 to 104 ºF
Storage temperature for charger and Hearing Instrument	-20 to 45 ºC / -4 to 113 ºF

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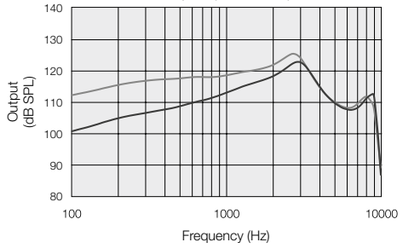
Technical Specifications

		LP		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	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	41	32	45	36	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	62 55	52 46	67 57	58 50	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	123 117	113 109	125 120	116 113	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.9 1.3 0.8	0.5 0.8 0.5	0.4 0.9 0.8	0.3 0.4 0.7	%
Telecoil sensitivity (1 mA/m input)* HFA - SPLIV @ 31.6 mA/m (ANSI) Full-on telecoil sensitivity @ 1mA/m	Max. HFA 1600 Hz/HFA	93 100 86	82 91 76	97 106 89	86 96 81	dB SPL
Equivalent input noise, w/o Noise reduction 1/3 Octave Equivalent input noise, w/o Noise reduction	 1600 Hz	22 9	21 9	25 10	24 11	dB SPL
Frequency range IEC 60118-0: 2015		100-9520**	100-9060	100-9500**	100-9000	Hz
Expected operating time (model 63-DRWC)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (model 63-DRW, 64-DRW, 64-DRWT)		1.13/1.19	1.13/1.28	1.13/1.16	1.13/1.19	mA

* Telecoil is only available for the 64-DRWT-models.
** Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
*** Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

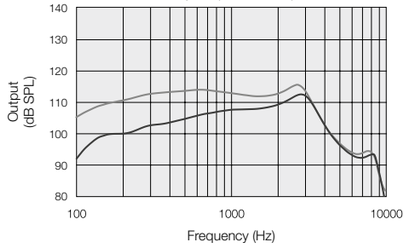
IEC 60118-0: 1983_AMD1:1994
IEC 711 Ear Simulator

Maximum Output (OSPL 90)



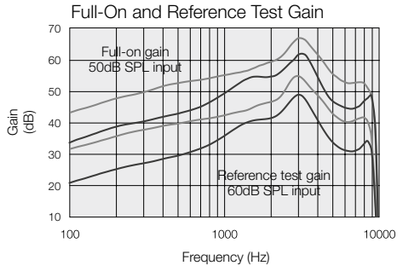
ANSI S3.22-2014
IEC 60118-0:2015
JIS C 5512: 2015
2cc coupler

Maximum Output (OSPL 90)

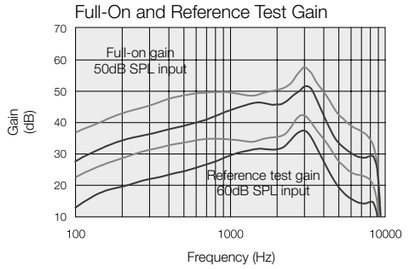


LP
MP

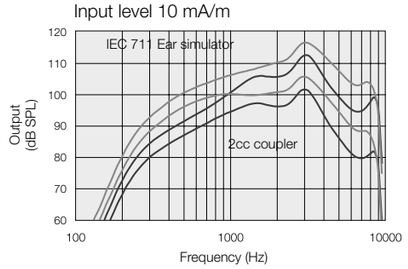
Full-On and Reference Test Gain



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

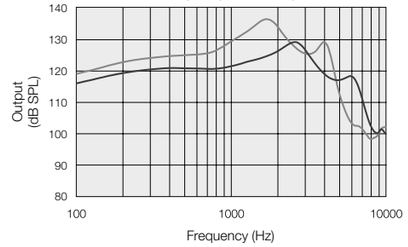
Technical Specifications

		HP		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	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	49	40	61	47	dB
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	74 65	65 57	82 79	75 65	dB
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	129 124	120 117	136 136	128 124	dB SPL
Total harmonic distortion	500 Hz 800 Hz 1600 Hz	0.6 1.5 0.6	0.3 0.7 0.5	1.2 2.2 0.1	1.0 1.6 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	105 110 97	95 100 89	113 115 111	105 108 96	dB SPL
Equivalent input noise, w/o Noise reduction 1/3 Octave Equivalent input noise, w/o Noise reduction	 1600 Hz	24 9	22 10	17 10	23 9	dB SPL
Frequency range IEC 60118-0: 2015		100-7600**	100-6750	130-5270**	130-4920	Hz
Expected operating time (model 63-DRWC)***		30	30	30	30	Hours
Current Drain (Quiescent / Operating) (model 63-DRW, 64-DRW, 64-DRWT)		1.13/1.16	1.13/1.18	1.14/1.29	1.14/1.21	mA

* Telecoil is only available for the 64-DRWT-models.
** Measured according to IEC 60118-0:2015, with 711-Ear simulator coupler.
** *Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

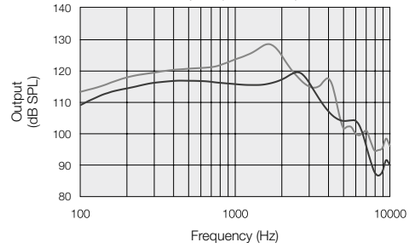
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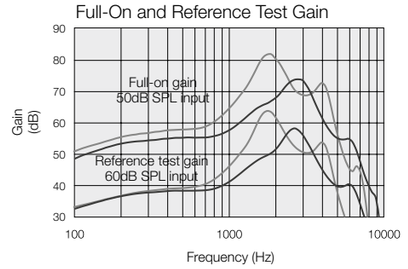
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2cc coupler

Maximum Output (OSPL 90)

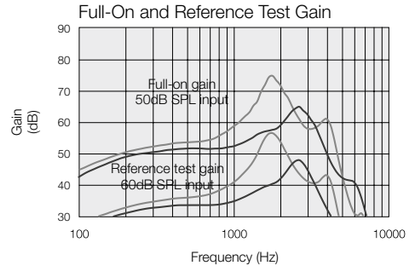


HP
UP

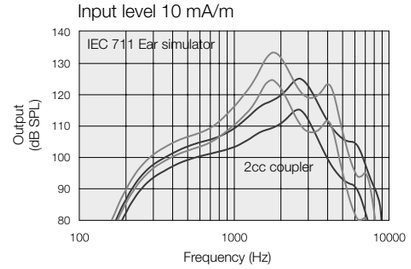
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Full-On Telecoil Response
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