

Beltone Trust™



Product Description

Models 63 and 64 Receiver-in-the-Ear (RIE) hearing aids with 4 selectable receiver power levels: Low (LP), Medium (MP), High (HP) and Ultra (UP).

Sound processing done by Beltone's Dual Processing platform delivers outstanding sound quality.

The 5th generation 2.4 GHz wireless functionality allows cloud connectivity with Beltone Remote Care™ and features Bluetooth® 4.0, allowing the hearing aids to communicate with each other and to connect to iPhone®, iPad®, iPod touch®, and select Android™ models*.

With Beltone Remote Care™, Beltone Trust™ brings an entirely new level of connectivity to the relationship between the end user and the hearing care practitioner.

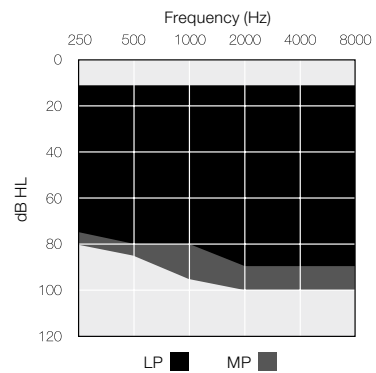
Beltone Trust also supports Beltone's full line of Direct Line™ wireless accessories.

The 64 models come standard with Push Button, Volume Control, Telecoil, and Direct Audio Input (DAI) functionality. The 63 RIE models come standard with only a Push Button for enhanced cosmetics.

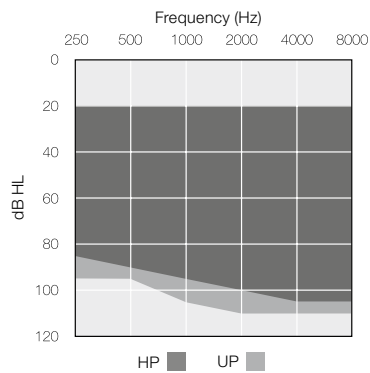
Beltone Trust RIE hearing aids are HPF⁸⁰ NanoBlock coated for optimum durability and meet the IP58 classification for ingress protection.

*Android connection through Beltone HearMax app.

Fitting Range



Fitting Range



Model	TST1764-DRW TST1763-DRW	TST964-DRW TST963-DRW	TST664-DRW TST663-DRW
Device Configurations			
Battery size	312 for model 63, 13 for model 64		
Power levels	LP, MP, HP & UP		
Audiological Features			
Curvilinear Rapid (WDRC) - number of channels	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	●	●	●
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 (Made for iPhone)	●	●	●
Beltone Direct TV Link 2, myPAL Pro and Micro, Phone Link 2 & Remote Control 2.	●	●	●
Beltone SmartRemote app (Phone Link 2 is required)	●	●	●
Beltone HearMax app	●	●	●
Beltone Remote Care™			
Remote Fine-Tuning	●	●	●
Remote Firmware Updates	●	●	●
Fitting Features			
Beltone Solus Max 1.0 or higher	●	●	●
Fully Flexible Programs	4	4	4
Safeguard Feedback Control	●	●	●
Satisfaction Journal	●	●	●
Wireless Fitting with Airlink2™ / Noahlink Wireless	●	●	●
* Also including functionality for synchronized Push Button Volume Control			
** Only for 64 models			

○ Basic Settings

⊙ Advanced Settings

● Ultimate Settings

Patents pending

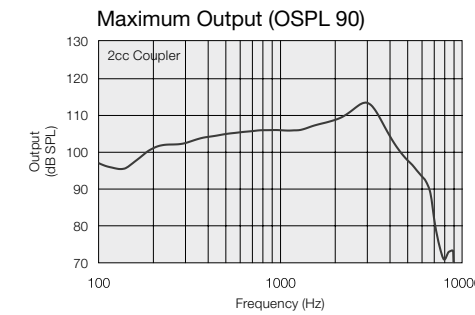
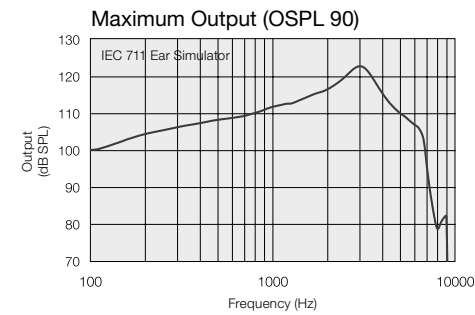
All specifications are subject to change without notice

400637011US-17.02-Rev.B

Technical Specifications

		TST63-DRW and TST64-DRW (LP)		
		IEC 60118-0 2nd Ed. IEC 711 Ear simulator	ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	36	31	dB
Full-on gain (50 dB SPL input)	Max.	61	52	dB
	1600 Hz/HFA	49	43	
Maximum output (90 dB SPL input)	Max.	123	113	dB SPL
	1600 Hz/HFA	115	108	
Total harmonic distortion	500 Hz	0.5	0.3	%
	800 Hz	1.2	0.5	
	1600 Hz	2.1	0.7	
Telecoil sensitivity (1 mA/m input) (64 model only)	Max.	91	90	dB SPL
	HFA - SPLIV @ 31.6 mA/m (ANSI) (64 model only)	HFA	71	
Full-on telecoil sensitivity @ 1mA/m (64 model only)	1600 Hz/HFA	78	71	
Equivalent input noise		25	23	dB SPL
Frequency range (DIN 45605/ANSI)		100-7130	100-7060	Hz
Current drain		1.3	1.3	mA

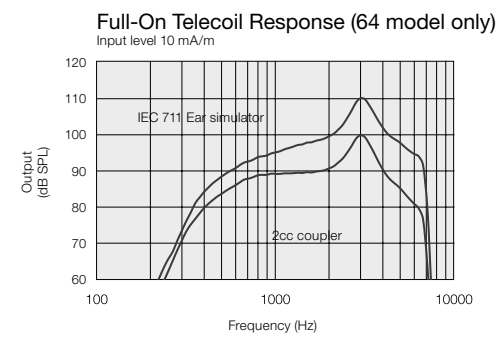
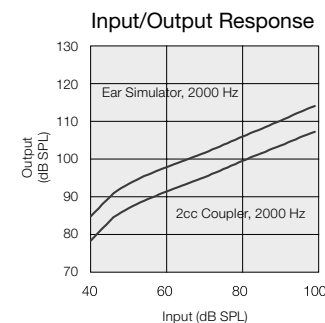
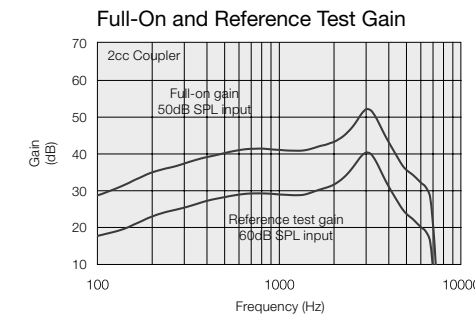
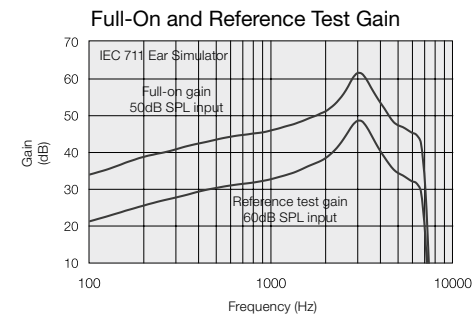
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V



Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

Basic settings:
Full-on Gain, Reference Test Gain
MPO = Maximum Power Output
Maximum Band Width

Measured according to IEC60118-0 Edition3.0 2015-06 at 1.3 V, impedance 6.2 ohms and 23°C on 2cc coupler. Resp. on 2cc according to IEC60118-7 Second edition 2005-10 and ANSI/ASA S3.22-2009 (HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dB SPL sound pressure equals 20µPa). All measurements without DSP features activated unless indicated otherwise. Measurement on O.E.S according to IEC711 1981. According to IEC60118-0 Edition 2 1983 and amendment 1 1994



Beltone Trust™ is compatible with iPhone 7 Plus, iPhone 7, iPhone 6s Plus, iPhone 6s, iPhone 6 Plus, iPhone 6, iPhone SE, iPhone 5s, iPhone 5c, iPhone 5, iPad Pro (12.9-inch), iPad Pro (9.7-inch), iPad Air 2, iPad Air, iPad mini 4, iPad mini 3, iPad mini 2, iPad mini, iPad (4th generation), iPod touch (6th generation) and iPod touch (5th generation) using iOS 8.X or later. Apple, the Apple logo, iPhone, iPad Pro, iPad Air, iPad mini, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. Android is a trademark of Google Inc.



Manufacturer according to FDA:

Beltone
8001 E. Bloomington Freeway
Bloomington, MN 55420 - 1036
1-800-BELTONE

Manufacturer according to Health Canada:

Beltone Canada
301 Superfest Road
Toronto, Ontario, M3J 2M4
1-800-387-3744



Technical Specifications

TST63-DRW and TST64-DRW (MP)					
		IEC 60118-0 2nd Ed. IEC 711 Ear simulator	ANSI S3.22 2cc coupler		
Reference test gain (60 dB SPL input)	1600 Hz/HFA	43	37	dB	
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	67	58	dB	
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	125	116	dB SPL	
Total harmonic distortion	500 Hz	0.7	0.5	%	
	800 Hz	1.1	0.6		
	1600 Hz	1.3	1.2		
Telecoil sensitivity (1 mA/m input) (64 model only)	Max.	97		dB SPL	
HFA - SPLIV @ 31.6 mA/m (ANSI) (64 model only)	HFA		96		
Full-on telecoil sensitivity @ 1mA/m (64 model only)	1600 Hz/HFA	85	79		
Equivalent input noise		24	23	dB SPL	
Frequency range (DIN 45605/ANSI)		100-7130	100-7000	Hz	
Current drain		1.3	1.3	mA	

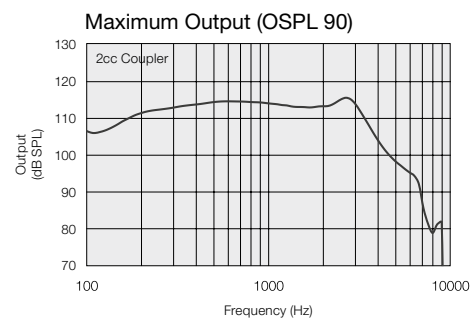
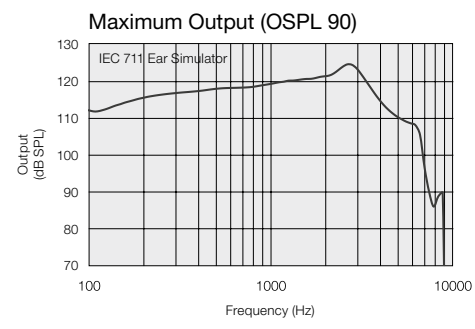
Data in accordance with IEC60118-0 Edition3.0 2015-06, IEC60118-7 and ANSI S3.22-2009, supply Voltage 1.3V

Technical Specifications

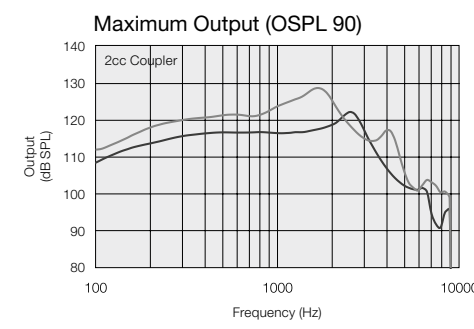
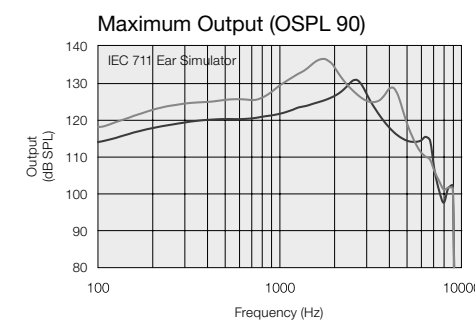
		TST63-DRW and TST64-DRW (HP)		TST63-DRW and TST64-DRW (UP)	
		IEC 60118-0 2nd Ed. IEC 711 Ear simulator	ANSI S3.22 2cc coupler	IEC 60118-0 2nd Ed. IEC 711 Ear simulator	ANSI S3.22 2cc coupler
Reference test gain (60 dB SPL input)	1600 Hz/HFA	48	42	62	47
Full-on gain (50 dB SPL input)	Max. 1600 Hz/HFA	74	65	82	75
Maximum output (90 dB SPL input)	Max. 1600 Hz/HFA	131	122	137	129
Total harmonic distortion	500 Hz	1.0	0.6	2.4	1.3
	800 Hz	2.5	1.2	3.2	2.1
	1600 Hz	0.8	0.7	0.2	0.1
Telecoil sensitivity (1 mA/m input) (64 model only)	Max.	103		112	
HFA - SPLIV @ 31.6 mA/m (ANSI) (64 model only)	HFA		101		107
Full-on telecoil sensitivity @ 1mA/m (64 model only)	1600 Hz/HFA	89	85	110	94
Equivalent input noise		25	23	24	23
Frequency range (DIN 45605/ANSI)		100-6960	100-6030	1120-4510	100-4910
Current drain		1.3	1.3	1.3	1.2

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

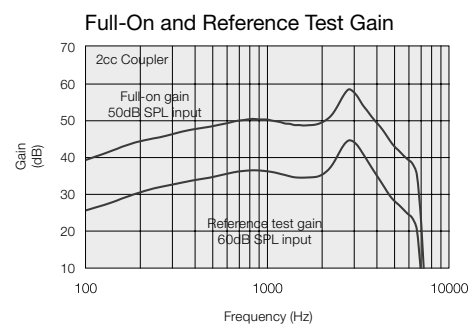
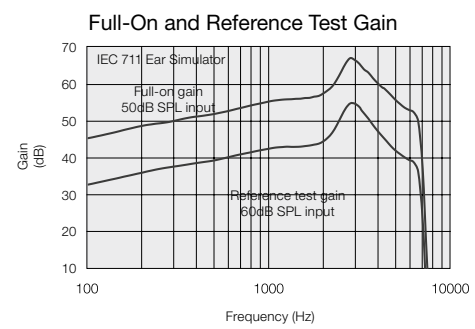
Patents pending



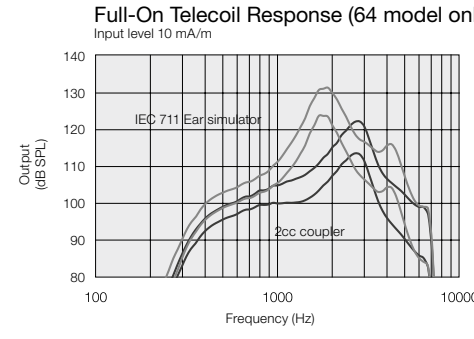
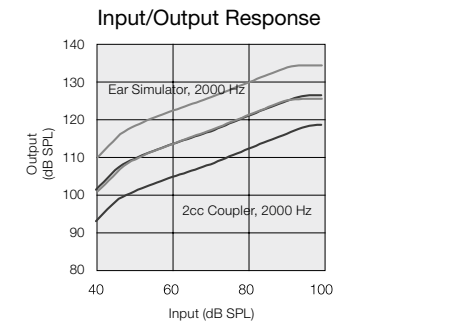
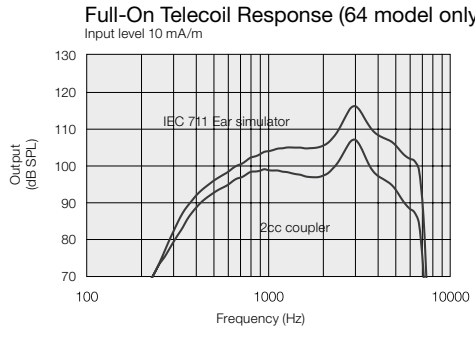
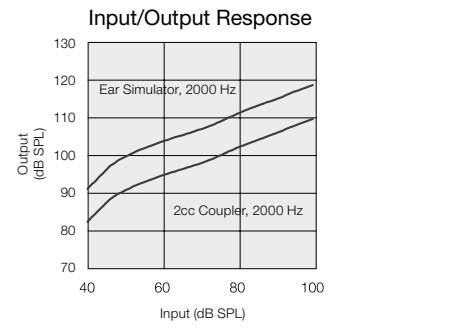
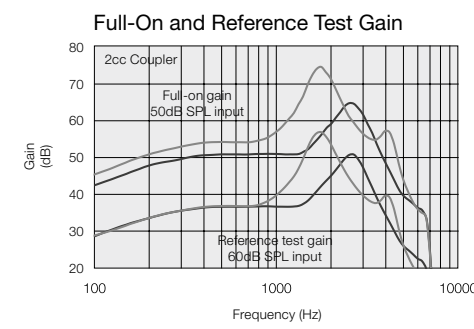
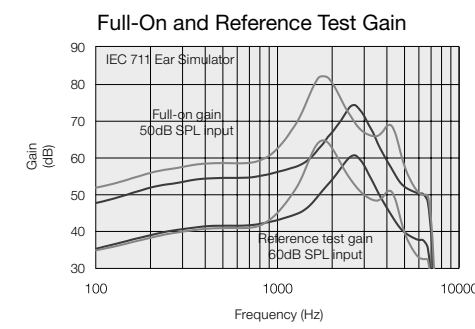
Patents pending



All specifications are subject to change without notice



All specifications are subject to change without notice



HP ■
UP ■

