

Beltone Trust™



TST 66-DWT

TST 66-DW

Product Description

Model 66 Behind-the-Ear (BTE) hearing aids support open and closed configurations.

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.

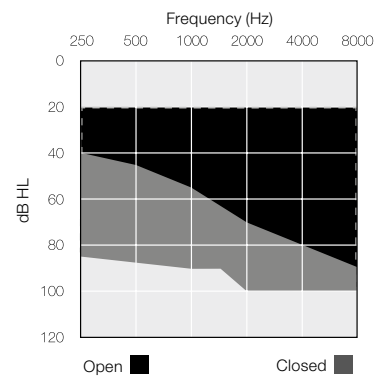
Beltone Trust also supports Beltone's full line of Direct Line™ wireless accessories.

The 66 models come standard with Push Button and Telecoil.

Beltone Trust BTE 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



Model	TST1766-DW TST1766-DWT	TST966-DW TST966-DWT	TST666-DW TST666-DWT
Device Configurations			
Battery size	312		
Colors available	8		
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	●	●	●
Tinnitus Breaker Pro	●	●	●
Functional Features			
Synchronized Push Button*	●	●	●
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	●	●	●

○ Basic Settings

⊙ Advanced Settings

● Ultimate Settings

* Also including functionality for synchronized Push Button Volume Control



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.



400646011US-17.02-Rev.B

Manufacturer according to FDA:
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 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

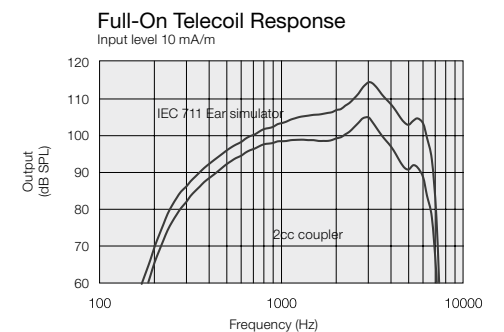
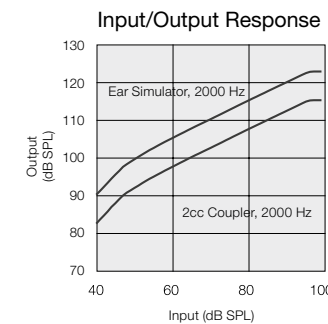
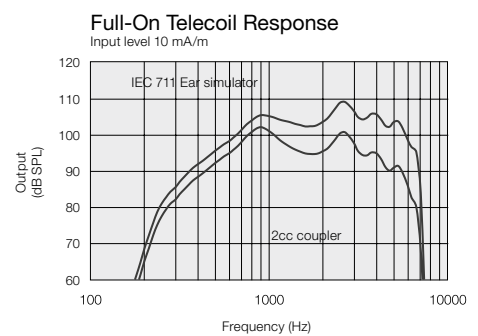
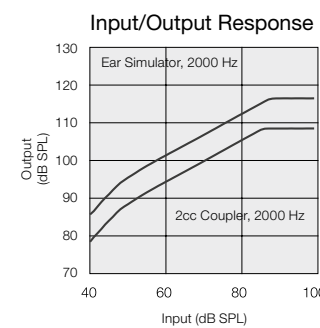
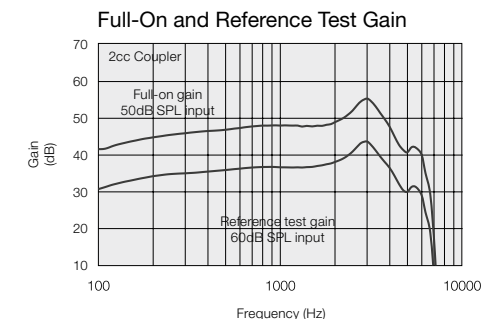
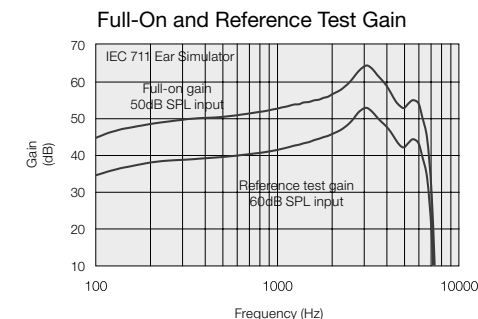
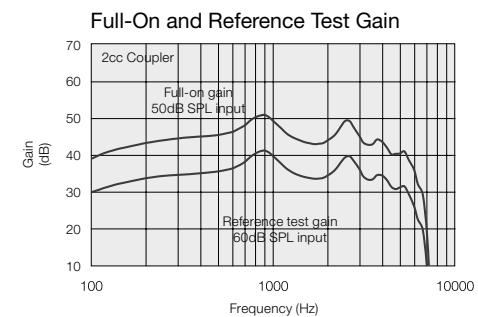
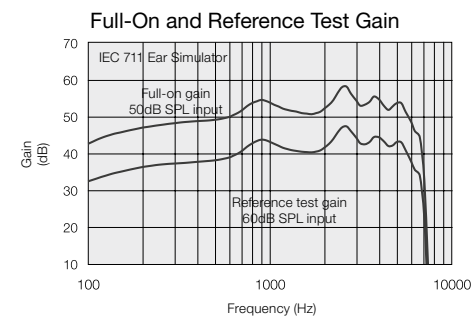
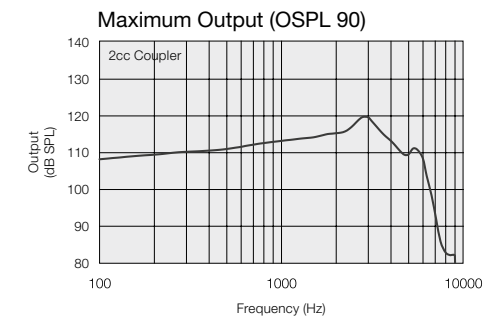
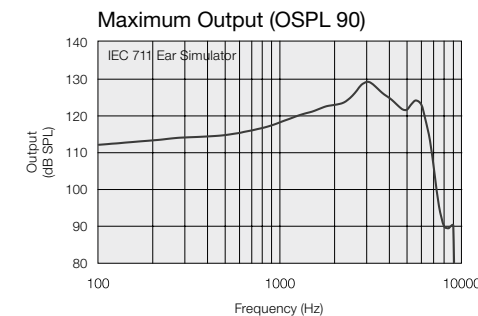
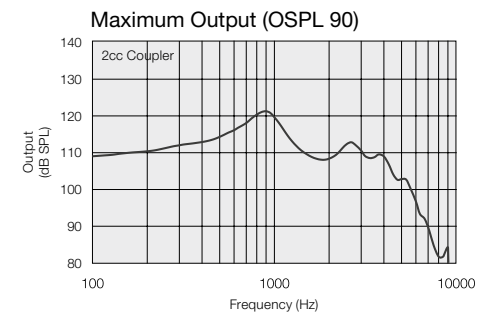
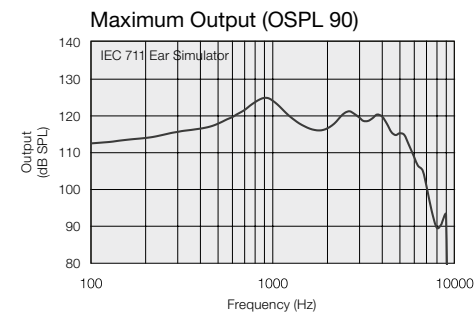
		TST66-DWT		
		IEC 60118-0 2nd Ed. IEC 711 Ear simulator	ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	40	38	dB
Full-on gain (50 dB SPL input)	Max.	59	52	dB
	1600 Hz/HFA	51	47	
Maximum output (90 dB SPL input)	Max.	125	122	dB SPL
	1600 Hz/HFA	116	114	
Total harmonic distortion	500 Hz	0.5	0.4	%
	800 Hz	0.3	0.2	
	1600 Hz	0.9	0.6	
Telecoil sensitivity (1 mA/m input)	Max.	90		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		100	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	83	79	
Equivalent input noise		26	21	dB SPL
Frequency range (DIN 45605/ANSI)		100-7190	100-6980	Hz
Current drain		1.3	1.2	mA

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

Technical Specifications

		TST66-DW		
		IEC 60118-0 2nd Ed. IEC 711 Ear simulator	ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	44	38	dB
Full-on gain (50 dB SPL input)	Max.	65	56	dB
	1600 Hz/HFA	55	49	
Maximum output (90 dB SPL input)	Max.	130	120	dB SPL
	1600 Hz/HFA	122	115	
Total harmonic distortion	500 Hz	0.8	0.5	%
	800 Hz	0.7	0.5	
	1600 Hz	0.7	1.0	
Telecoil sensitivity (1 mA/m input)	Max.	95		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		99	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	86	80	
Equivalent input noise		26	23	dB SPL
Frequency range (DIN 45605/ANSI)		100-7000	100-6800	Hz
Current drain		1.2	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