

Beltone Ally™



Product Description

Behind-the-Ear (BTE) hearing instrument model 76 in the standard power category supporting open and closed configurations

Featuring 2.4 GHz wireless technology allowing the hearing instrument to connect to Beltone's complete line of Direct accessories.*

The BTE 76 model features telecoil and Direct Audio Input (DAI).

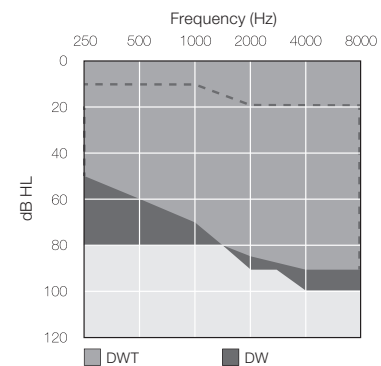
The Beltone Ally™ BTE 76 is fully compatible with the SureFit™ thin tubes and domes.

Beltone Ally BTE 76 supports standard eamold fittings. The BTE 76 hearing instrument is HPF80 NanoBlock-coated for optimum durability.

*Ally 3 connects to complete line of accessories. Ally 2 connects to the Remote Control only.

Model	AY376-DW AY376-DWT	AY276-DW AY276-DWT
Device Features		
Battery size	13	
Colors available	5	
Functional Features		
Fully Flexible Programs	3	3
Synchronized Push Button		
Synchronized Volume Control		
Delayed Activation	●	●
Auto Phone	●	●
Assymmetric Phone Handling		
Ear to Ear Communication		
Beltone Direct TV Link	●	
Beltone Direct TV Link 2	●	
Beltone Direct myPAL	●	
Beltone Direct Phone Link	●	
Beltone Direct Phone Link 2	●	
Beltone Direct Remote Control	●	●
Beltone Direct Remote Control 2	●	●
Beltone SmartRemote (Phone Link 2 is required)	●	
Audiological Features		
Curvilinear Rapid - number of channels	8	6
Speech Spotter Basic	●	
Adaptive Directionality™	●	●
Fixed Beam Width	●	●
Sound Cleaner	●	●
Silencer	●	●
Wind Noise Reduction	●	
Feedback Eraser	●	●
Amplification Strategy WDRC	●	●
Tinnitus Breaker Pro	●	●
Fitting Features		
Fitting Software SolusPro 1.9 or higher	●	●
Safeguard Feedback Control	●	●
Satisfaction Journal	●	●
Wireless Fitting with Airlink2™	●	●

Fitting Range



Beltone Electronics
 8001 E. Bloomington Freeway
 Bloomington, MN 55420-1036
 1-800-BELTONE
 400464011 Rev. A 07/15

Beltone Canada
 301 Supertest Road
 Toronto, ON M3J 2M4
 Tel.: 416-736-4444
 Toll Free: 1-800-387-3744



Technical Specifications

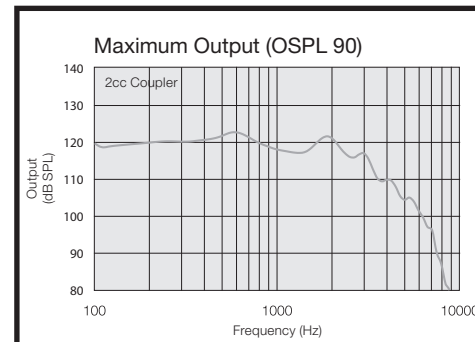
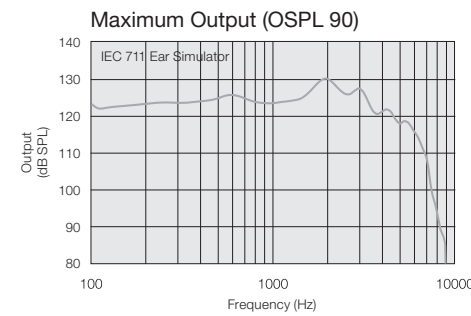
		AY76-DWT		
		IEC 60118-0 IEC 711 Ear simulator	ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	44	41	dB
Full-on gain (50 dB SPL input)	Max.	62	51	dB
	1600 Hz/HFA	53	46	
Maximum output (90 dB SPL input)	Max.	130	122	dB SPL
	1600 Hz/HFA	126	118	
Total harmonic distortion	500 Hz	0.2	0.1	%
	800 Hz	0.5	0.2	
	1600 Hz	0.4	0.5	
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	82	75	
Equivalent input noise		23	23	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		10		dB SPL
Frequency range (DIN 45605/ANSI)		100-6900	100-6770	Hz
Current drain		1.1 / 1.2	1.1 / 1.2	mA

Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.

Technical Specifications

		AY76-DW		
		IEC 60118-0 IEC 711 Ear simulator	ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	47	47	dB
Full-on gain (50 dB SPL input)	Max.	66	59	dB
	1600 Hz/HFA	56	52	
Maximum output (90 dB SPL input)	Max.	134	128	dB SPL
	1600 Hz/HFA	130	123	
Total harmonic distortion	500 Hz	0.5	0.4	%
	800 Hz	0.6	0.4	
	1600 Hz	0.6	0.5	
Telecoil sensitivity (1 mA/m input)	Max.	96		dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		107	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	85	81	
Equivalent input noise		23	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		10		dB SPL
Frequency range (DIN 45605/ANSI)		100-7080	100-6850	Hz
Current drain		1.1 / 1.1	1.1 / 1.2	mA

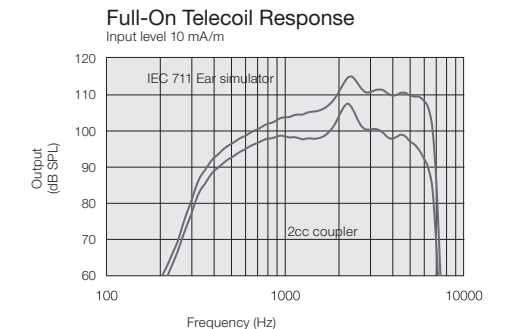
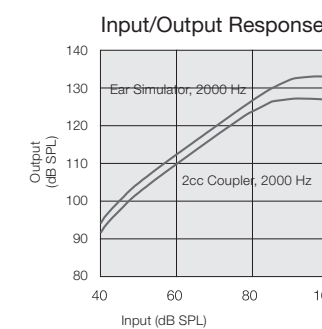
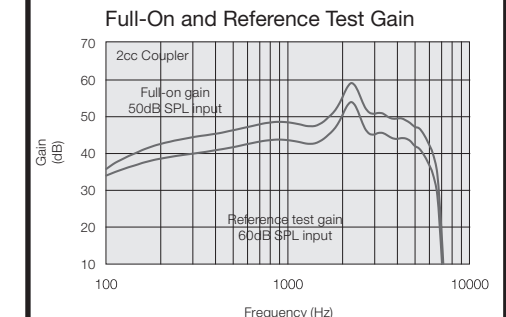
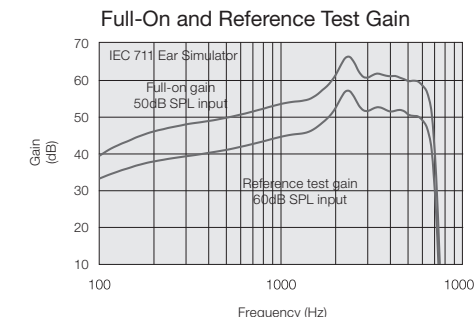
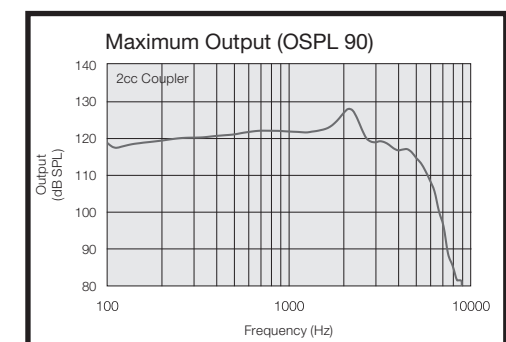
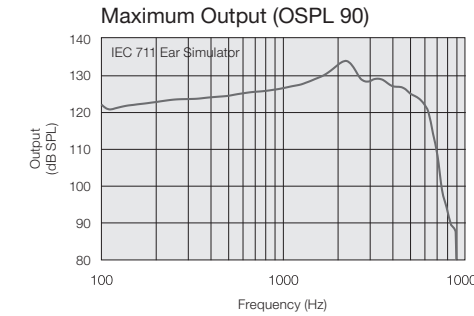
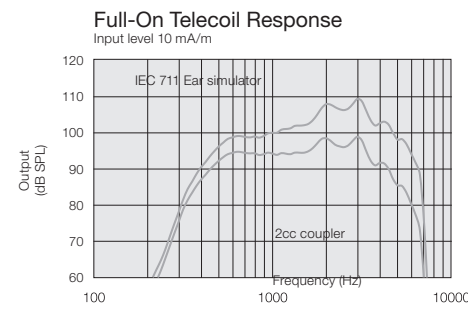
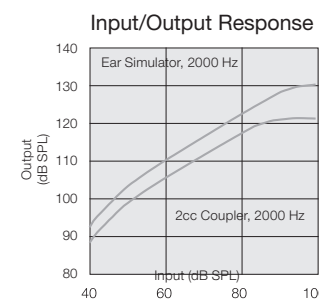
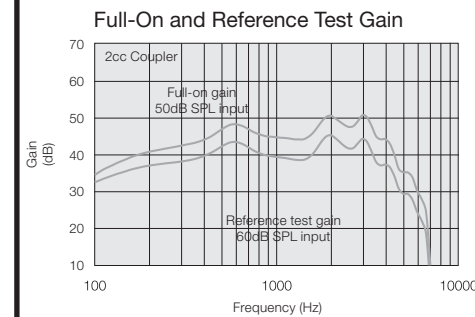
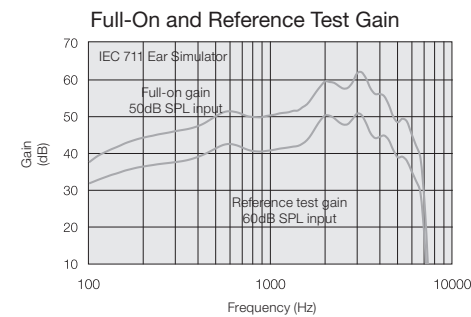
Data in accordance with IEC 60118-0, IEC 60118-7 and ANSI S3.22-2009; supply voltage 1.3 V.



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 IEC 60118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. according to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 and ANSI 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.



Patents pending

All specifications are subject to change without notice