

Beltone Ally™



Product Description

Mini Behind-the-Ear (mini BTE) hearing instrument model 66 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 mini BTE 66 model features telecoil and Direct Audio Input (DAI).

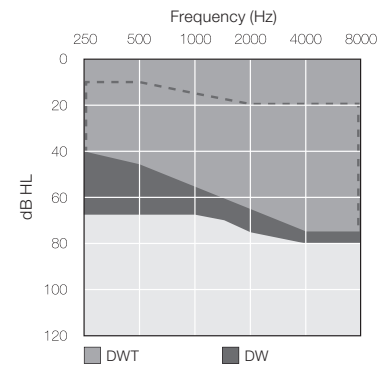
The Beltone Ally™ mini BTE 66 is fully compatible with the SureFit™ thin tubes and domes.

Beltone Ally mini BTE 66 supports standard earmold fittings.

The mini BTE 66 hearing instrument is HPF80 NanoBlock-coated for optimum durability.

Model	AY366-DW AY366-DWT
Device Features	
Battery size	312
Colors available	5
Functional Features	
Fully Flexible Programs	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
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



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Bloomington, MN 55420-1036
1-800-BELTONE
400466011 Rev. A 07/15

Beltone Canada
301 Supertest Road
Toronto, ON M3J 2M4
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Technical Specifications

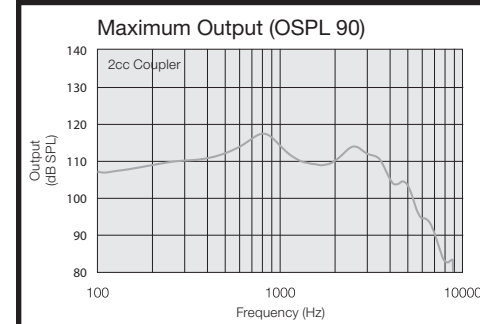
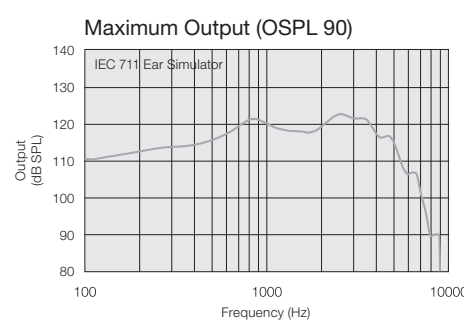
		AY66-DWT		
		IEC 60118-0 IEC 711 Ear simulator	ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	40	36	dB
Full-on gain (50 dB SPL input)	Max.	57	51	dB
	1600 Hz/HFA	52	46	
Maximum output (90 dB SPL input)	Max.	123	117	dB SPL
	1600 Hz/HFA	118	112	
Total harmonic distortion	500 Hz	1.2	0.8	%
	800 Hz	0.5	0.2	
	1600 Hz	1.0	0.5	
Telecoil sensitivity (1 mA/m input)	Max.	86	95	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		95	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	79	73	
Equivalent input noise		25	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		11		dB SPL
Frequency range (DIN 45605/ANSI)		100-7130	100-7040	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

		AY66-DW		
		IEC 60118-0 IEC 711 Ear simulator	ANSI S3.22 2cc coupler	
Reference test gain (60 dB SPL input)	1600 Hz/HFA	45	40	dB
Full-on gain (50 dB SPL input)	Max.	64	55	dB
	1600 Hz/HFA	56	49	
Maximum output (90 dB SPL input)	Max.	132	122	dB SPL
	1600 Hz/HFA	125	117	
Total harmonic distortion	500 Hz	2.2	1.8	%
	800 Hz	2.3	1.5	
	1600 Hz	0.7	0.5	
Telecoil sensitivity (1 mA/m input)	Max.	94	98	dB SPL
HFA - SPLIV @ 31.6 mA/m (ANSI)	HFA		98	
Full-on telecoil sensitivity @ 1mA/m	1600 Hz/HFA	82	77	
Equivalent input noise		24	22	dB SPL
1/3 Octave Equivalent input noise, w/o Noise reduction		11		dB SPL
Frequency range (DIN 45605/ANSI)		100-7150	100-7110	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.

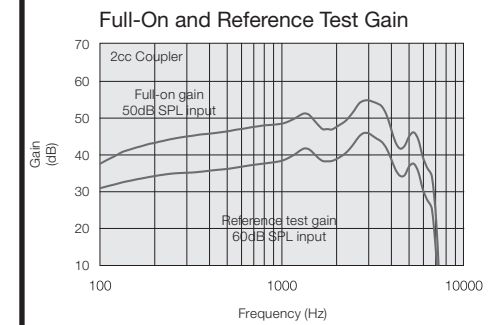
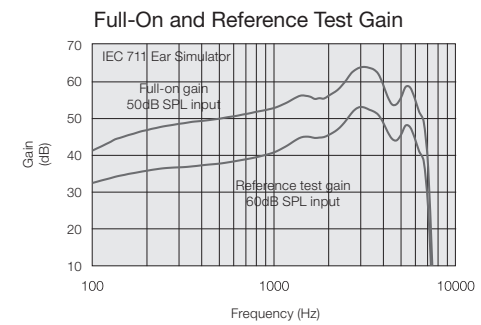
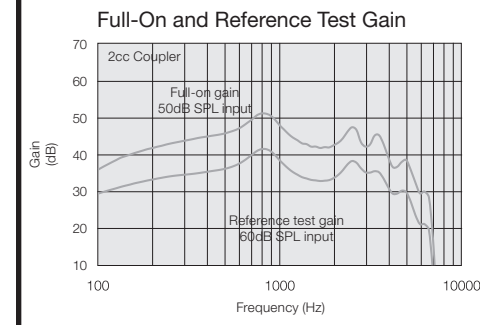
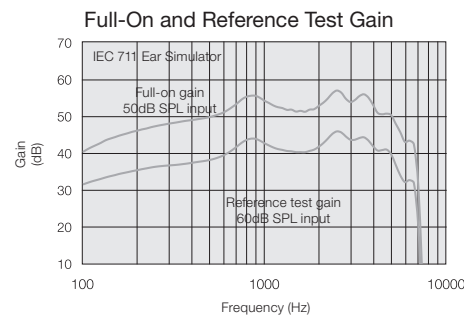
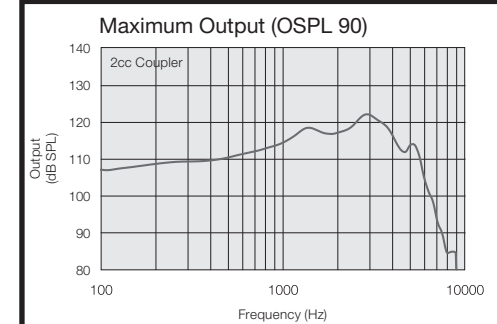
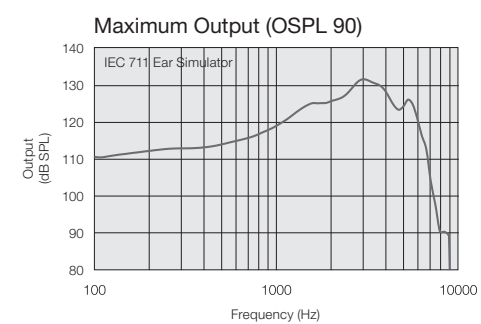


Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

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

