Beltone **True** 17 · 9 · 6

MODEL
TRU63DW
TRU63DW OPEN
TRU63DW HPG
TRU63DW HPG OPEN

Product Description

A Breakthrough for Demanding Listening Situations
Years of research have produced Beltone True, the hearing instrument that offers clients unprecedented features for hearing in the most difficult listening situations. Typical problems such as feedback, hearing in noise and TV and phone use are now addressed, using sophisticated solutions and the fastest integrated circuit on the market.

Truly Wireless
Beltone True is also the first hearing instrument that allows for a completely wireless fitting. Information can be transmitted directly to the hearing instruments from the USB Beltone Airlink to our Solus Pro fitting software. It eliminates the need for programming cords or for clients to wear uncomfortable neck loops.

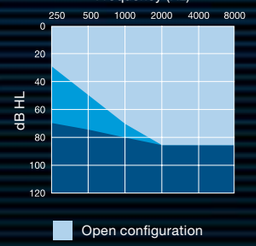
Beltone True hearing instruments' wireless functionality also makes them compatible with Beltone's exciting new Direct Line of wireless accessories. Clients can easily connect to TVs, stereos or PCs with the Direct TV Link or to their phone, via the Direct Phone Link to hear high-quality, stereo sound directly in the hearing instruments.

Product Features
- Direct Wireless connectivity
- Feedback Eraser with WhistleStop
- HPF80 NanoBlock protection
- Rapid17 • 9 • 6 Curvilinear Compressor
- Spatial Directionality
- Speech Spotter Pro with
  - Smart Beam Steering
  - Mixing-Point Frequency
- Sound Cleaner Pro
- Smart Gain Pro
- Auto-Phone
- Silencer
- Datalogging
- Musical Audio Alerts
- Remote control of volume and program
- Up to 4 Programs (plus up to 3 AutoPrograms)

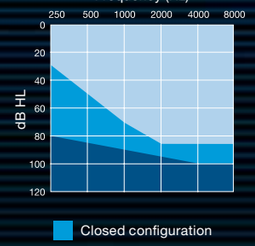
Options
- 9 standard color housings with flexibility for more combinations
- 4 lengths of MPG receiver tubing (0,1, 2, 3)
- 4 lengths of HPG receiver tubing (0,1, 2, 3)
- 3 receiver Mini Domes and 1 Standard Dome
- 3 receiver Power Domes and custom RIE Mold for both MPG and HPG

Fitting Software
- SOLUS Pro fitting software version 1.0 or higher
- True Wireless fitting wth Airlink™
- Speedlink, HI-Pro, or NOAHlink programming interfaces
- Wired programming option with standard CS63 Flex strip programming cable

Fitting Range MPG



Fitting Range HPG



Open configuration
Closed configuration

Beltone

FEATURE OVERVIEW

	Beltone True 17	Beltone True 9	Beltone True 6
Hearing restoration			
Curvilinear WDRC channels	17	9	6
Compressor Time Constants	Syllabic, Normal, AVC	Syllabic, Normal, AVC	
Environmental Programs	4	4	3
Speech intelligibility			
Speech Spotter	Pro	Pro	Basic
Spatial Directionality	•		
Mixing-point Frequency	•	•	
Adaptive Directionality	15 Point – Smart Beam	6 Point – Adaptive	3 Point – Adaptive
Smart Beam Steering	•		
Fixed Directionality	•		
Auto-Phone	•	•	•
Hearing comfort			
Sound Cleaner	Pro – 5 choices	4 choices	SPD^{Extra} – 3 choices
Feedback Eraser	WhistleStop – 5 choices	4 choices	2 choices
Silencer	•	•	•
Environmental awareness			
Smart Gain	Pro – 7 environments	4 environments	
Datalogging	•	•	•
Ease of fitting			
Solus Pro	•	•	•
Quick MSG Calibration	•	•	•
Airlink Wireless Fitting	•	•	•
Connectivity			
Beltone Direct Line	•	•	•

Beltone Airlink
The Beltone True 63DW is the only instrument in the industry capable of a truly wireless fitting. By using the Beltone Airlink USB stick and Solus Pro software, you and your clients can enjoy a comfortable fitting experience, without any cords.

Beltone True is available in a range of colors that match and blend in with different complexions and hair colors.

Power Domes
Standard Dome
Mini Domes
RIE Mold

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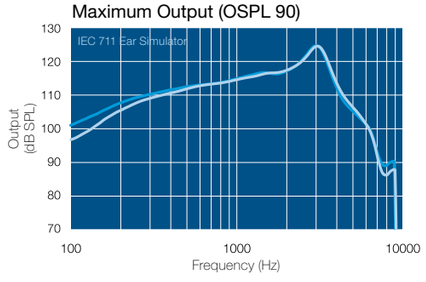
Beltone
Helping the world hear better

BELTONE TRUE 63DW + 63DW OPEN

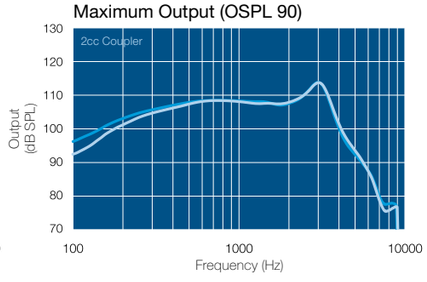
Technical Specifications		IEC 60118-0 IEC 711 Ear Simulator		IEC 60118-7 2cc Coupler		
		Standard	Open	Standard	Open	
Maximum Output (OSPL 90) Average Output (O.E.S.: DIN, 2cc: HFA, Pi = 90 dB SPL)	Max. HFA	125 115	124 114	114 108	114 108	dB SPL dB SPL
Maximum Gain (Pi=50 dB SPL) Average Gain (O.E.S.: DIN, 2cc: HFA, Pi = 50 dB SPL)	Max. HFA	62 49	58 47	50 42	47 41	dB dB
Frequency Range (O.E.S.: DIN, 2cc: IEC 60118-7)		100-6880	190-6940	100-6720	100-6790	Hz
Equivalent Input Noise		24	24	25	24	dB SPL
Total Harmonic Distortion	500 Hz 800 Hz 1600 Hz	1.2 1.4 1.1	1.1 1.3 1.0	0.8 0.9 0.8	0.8 0.8 0.7	% % %
Current Drain (Quiescent current (IEC/ANSI))		1.4	1.4	1.4	1.4	mA
Battery Size		312	312	312	312	
Battery Life (Average)		129	129	120	120	Hours
Reference Test Gain (O.E.S.: 1600 Hz, 2cc: HFA, Pi = 60 dB SPL)		39	38	32	30	dB

Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)

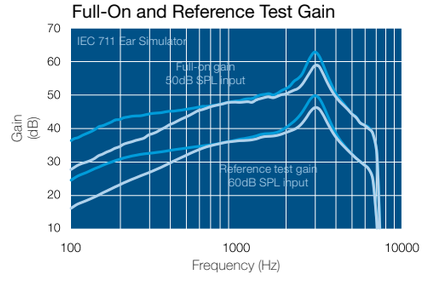


Notes:
O.E.S. = Occluded Ear Simulator
2cc = 2 cm³ coupler
Pi = Acoustic input signal

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

Measured according to IEC 60 118-0 1983, amendment 1994; at 1.3 V, impedance 6.2 ohms and 23°C on O.E.S. accord- ing to IEC711 1981, resp on 2cc according to IEC60118-7 2nd edition 2005 (DIN average calculated at 500 Hz, 1000 Hz and 2000 Hz; HFA average calculated at 1000 Hz, 1600 Hz and 2500 Hz; 0 dBSPL sound pressure equals 20µPa). All measurements without DSP fea- tures activated unless indicated otherwise.

Full-On and Reference Test Gain



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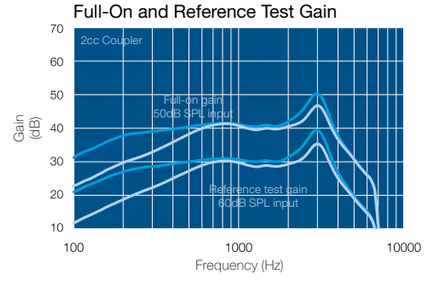
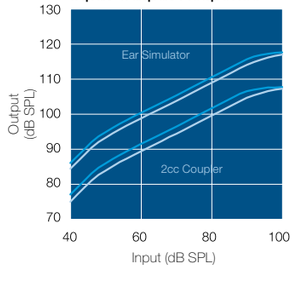


Input/Output Response



Open configuration

Standard configuration

BELTONE TRUE 63DW HPG + 63DW HPG OPEN

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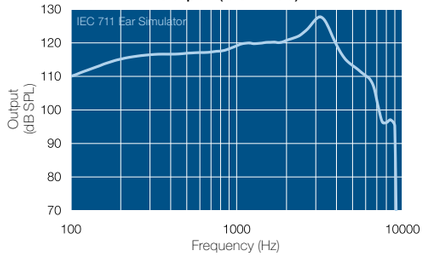
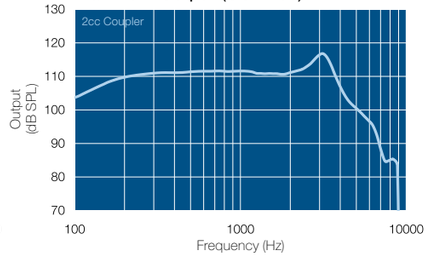
Maximum Output (OSPL 90) Average Output (O.E.S.: DIN, 2cc: HFA, Pi = 90 dB SPL)		128 119	128 119	117 111	117 111	dB SPL dB SPL
Maximum Gain (Pi=50 dB SPL) Average Gain (O.E.S.: DIN, 2cc: HFA, Pi = 50 dB SPL)		69 56	69 56	58 49	58 49	dB dB
Frequency Range (O.E.S.: DIN, 2cc: IEC 60118-7)		100-7170	130-7170	100-7140	100-7140	Hz
Equivalent Input Noise		24	24	26	26	dB SPL
Total Harmonic Distortion	500 Hz 800 Hz 1600 Hz	1.1 2.4 0.8	1.1 2.4 0.9	0.7 1.0 0.8	0.7 1.1 0.9	% % %
Current Drain (Quiescent current (IEC/ANSI))		1.4	1.4	1.4	1.4	mA
Battery Size		312	312	312	312	
Battery Life (Average)		120	120	113	113	Hours
Reference Test Gain (O.E.S.: 1600 Hz, 2cc: HFA, Pi = 60 dB SPL)		45	45	35	35	dB

Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.

Maximum Output (OSPL 90)



Maximum Output (OSPL 90)



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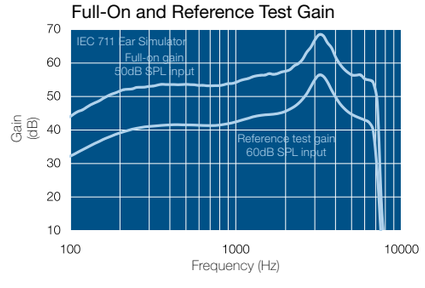
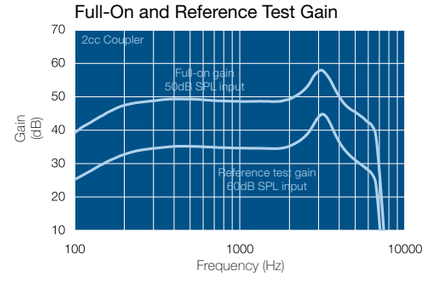
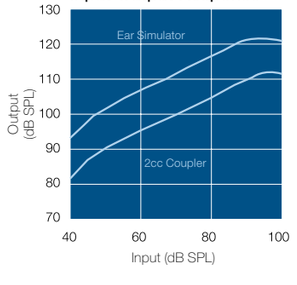
Full-On and Reference Test Gain



Full-On and Reference Test Gain



Input/Output Response



Standard and open configurations

Patents pending

All specifications are subject to change without notice

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Beltone™