

Vista T M 312

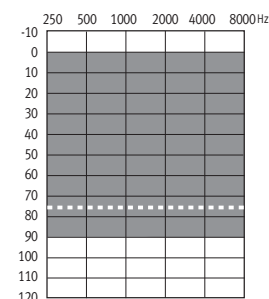
Vista T M 312 910, Vista T M 312 810, Vista T M 312 710,
Vista T M 312 610, Vista T M 312 510
312 BTE hearing aid series



M 312

Soundscape Manager		910	810	710	610	510
Auto Sound Control	Music	•	•			
	Noise	•	•	•		
	Conversation in a crowd	•	•	•		
	Conversation in a small group	•	•	•		
	Conversation in quiet	•	•	•	•	
	Conversation in noise	•	•	•	•	
	Quiet	•	•	•	•	
	Total environments	7	7	6	3	AutoMic
Speech Target Pro	Speech Target Pro	•	Speech Target 2 Speech Target			
	Speech Finder	•	•	•		
	Speech Lock	•				
	Dynamic Sound Mapping	•				
Sound Director	Speech intensifier	•	•	•	•	•
	Noise reduction	•	•	•	•	•
	Adaptive directionality	Multiband	Multiband	Multiband	Multiband	•
Sound Mapping	Sound Mapping	Dynamic	Personalized	•		
	Pinna Effect	•	•	•	•	•
Sound Suite						
	Pulse protector 2	•	•	•	•	•
	Wind control	•	•	•	•	•
	Feedback manager	•	•	•	•	•
	Natural Sound	•	•	•	•	•
Experience innovations						
	Capture All	•	•	•	•	•
	Data logging	•	•	•	•	•
	Trial	•	•	•	•	•
	Upgrade		•	•	•	•
Convenience						
	Wireless synchronization	•	•	•	•	•
	Telecoil and auto phone	•	•	•	•	•
	Binaural Phone	•	•	•	•	
Fitting						
	Automatic Adaptation Manager	•	•	•	•	•
	Music Equalizer	Binaural	Binaural	•	•	•
	Frequency compression	•	•	•	•	•
	Tinnitus masker	•	•	•	•	•
	IntelliVent	•	•	•	•	•
	Streaming programs	•	•	•	•	•
	Manual programs	•	•	•	•	•
	NAL-NL2/NL1 and DSLv5	•	•	•	•	•
	Fitting channels	20	20	16	10	6

Fitting guides



-- Slim tube (power dome)

Vista T M 312 is rated IP 68

ANSI 3.22 2014/IEC 60118-7 2005 2cc coupler technical data

	Reference test frequency - IEC 60118-7 (kHz)	1.6	1.6
	OSPL90		
	Maximum (dB SPL)	122	129
	HFA - OSPL90 (dB SPL)	112	121
	at RTF (dB SPL)	108	125
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	56	63
	HFA - FOG (dB)	48	53
	at RTF (dB)	48	60
	Reference test setting (RTS)		
	Frequency range (Hz)	<100 - 6500	<100 - 6500
	Reference test gain (dB)	35	44
	Current drain at RTS (mA)	1.3	1.4
	Typical battery life (h)	140	130
	Equivalent input noise at RTS (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0	5.0/3.0/2.0
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLITS/STS-RSETS (dB SPL/dB)	95/0	104/0
	Standard: mic at 70 dB SPL vs induction coil at 100 mA/m		
	--- Mic		
	--- Induction Coil		
	Electromagnetic compatibility		
	EMC immunity by ANSI C63.19-2011 EMC, omni/telecoil	M4/T4	M4/T4

IEC 60118-o OES coupler technical data

	Reference test frequency - IEC 60118-o (kHz)	1.6	1.6
	OSPL90		
	Maximum (dB SPL)	126	134
	at RTF (dB SPL)	116	133
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	60	68
	at RTF (dB)	55	67
	Basic frequency response		
	Frequency range (DIN 45605) (Hz)	<100 - 6600	700 - 6300
	Reference test gain (dB)	41	58
	Current drain at RTG (mA)	1.2	1.2
	Typical battery life (h)	150	150
	Equivalent input noise at RTG (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0	8.0/5.0/2.0
	Induction coil sensitivity		
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	101	118
	Electromagnetic compatibility		
	EMC immunity by IEC 60118-13, 2011 field strength	16/16/16	30/15/15
	90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)		

Legend

- Earhook
- Slimtube

Test conditions

Earhook: filtered; Battery size: 312; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
 The hearing instrument is set to Unitron Truefit test settings. LLE is applied at an approximate level of 35 dB SPL.
 Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend use of a customized earmold.
 Sound pressure level of these hearing aids exceeds 132 dB SPL.
 We reserve the right to change specification data without notice as improvements are introduced.