

Vista

SP 675 BTE hearing aid series



SP 675

Performance profile	800	500	400
Channels / bands	20	6	6
Processing types	WDRC and linear	WDRC and linear	WDRC and linear
Adaptive directional	Multiband	Multiband	•

Features			
Auto Program	Automatic 4	Automatic 2	Manual
Smart Balance SP	•	•	•
Power Adaptation Manager	•	•	•
Binaural Phone	•		
Pinna Effect	•		
Self learning	•		
Teach	•		
Bass enhancer	•	•	•
Manual programs	Up to 3	Up to 3	Up to 4
Feedback manager	•	•	•
Speech intensifier LD	•	•	•
Pulse protector	•	•	•
Easy telephone and DAI	•	•	DAI
Music equalizer	Automatic	•	•

In all technology levels

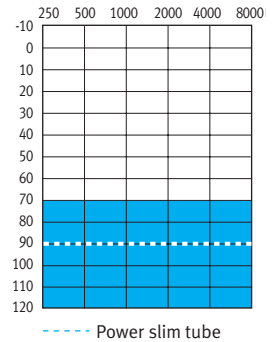
3 wireless programs, data logging, wind noise manager, wireless synchronization, plasma coating and IP57

Accessories (optional)

Remote control	•	•	•
Smart Control remote	•	•	•
uDirect 2	•	•	
uTV 2	•	•	
uMic	•	•	

Class	High power
Peak output / gain 2cc power tube	142 / 82
Peak output / gain 2cc filtered earhook	135 / 75
Peak output / gain 2cc unfiltered earhook	142 / 82
Battery size	675

Fitting guides



Standard

SP BTE series

SP power tube SP filtered earhook SP unfiltered earhook

ANSI 3.22 2003/IEC 118-7 2CC coupler technical data

	Reference test frequency - IEC 118-7 (kHz)	1.6	1.6	1.6
	OSPL90			
	Maximum (dB SPL)	142	135	142
	Nominal (dB SPL)	139	133	139
	ANSI HFA (dB SPL)	124	129	133
	at RTF (dB SPL)	122	128	129
	Full on gain (input 50 dB SPL)			
	Maximum (dB)	82	75	82
	ANSI HFA (dB)	65	69	73
	at RTF (dB)	61	68	69
	Basic frequency response (ANSI 2003)			
	Frequency range (Hz)	< 100-5000	< 100-5000	< 100-4900
	Reference test gain (dB)	47	52	56
	Current drain at RTG (mA)	2.0	2.0	2.0
	Typical battery life (h)	320	320	320
	Equivalent input noise at RTG (dB SPL)	19	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	4/2/1	4/2/1	4/2/1
	Induction coil sensitivity (ANSI 2003, 31.6 mA/m)			
	HFA SPLITS/STS-RSETS (dB SPL/dB)	108/1	113/1	117/1
	Mic at 70 dB SPL vs induction coil at 100 mA/m			
Electromagnetic compatibility				
	EMC immunity by ANSI c63.19-2001 EMC, omni/telecoil	M2/T2	M2/T2	M2/T2

IEC 118-o OES coupler technical data

	Reference test frequency - IEC 118-o (kHz)	1.6	1.6	1.6
	OSPL90			
	Maximum (dB SPL)	144	139	144
	at RTF (dB SPL)	130	135	136
	Full on gain (input 50 dB SPL)			
	Maximum (dB)	85	80	85
	at RTF (dB)	71	77	77
	Basic frequency response			
	Frequency range (DIN 45605) (Hz)	< 100-5000	< 100-5000	< 100-5000
	Reference test gain (dB)	53	60	61
	Current drain at RTG (mA)	1.3	1.3	1.3
	Typical battery life (h)	500	500	500
	Equivalent input noise at RTG (dB SPL)	19	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	5/3/2	5/3/2	5/3/2
	Induction coil sensitivity			
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	115	123	124
Electromagnetic compatibility				
	EMC immunity by IEC 60118-13, field strength 75/50 V/m, omni IIRL low/high band (dB SPL)	24/52	24/52	24/52

Legend

— Filtered earhook
 — Unfiltered earhook

Test conditions

Battery size: 675; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm; Power tube length: 1
 Measurement data obtained with closed configuration using an HA-2 coupler (ANSI-3.7-1995) or occluded ear simulator (EN 60711, coupling arrangement according to fig.4 in the test standard), and set to linear, omni mode with all adaptive features disabled.
 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.