

Vista

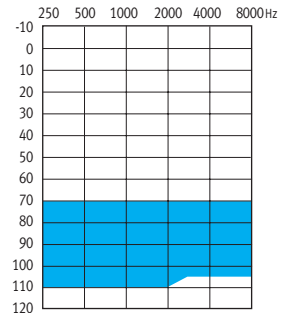
Vista 300
HP 675 BTE hearing aid



HP 675

Performance profile	Vista 300
Channels / bands	4/8
Processing types	WDRC and linear
Adaptive directional	•
Fixed directional	•
Signature feature	
AutoMic	•
Features	
Manual programs	Up to 4
Automatic Adaptation Manager	•
Noise reduction	3 settings
Speech intensifier	3 settings
Feedback manager	•
Natural Sound	•
Pulse protector	3 settings
Wind noise manager	3 settings
MyMusic	•
Telecoil	•
DAI	•
Data logging	•
IntelliVent technology for custom ear pieces	•
Plasma coating	•
IP57	•
Class	HP 675
Peak output / gain 2cc unfiltered earhook	139 / 78
Battery size	675

Fitting guides

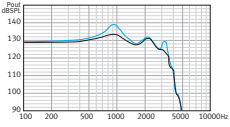
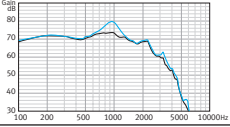
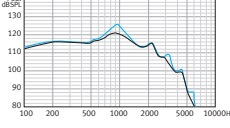
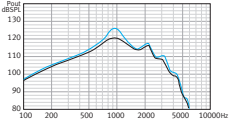
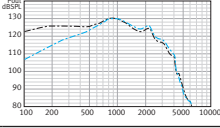


Vista HP 675 HP BTE series

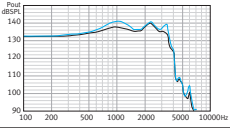
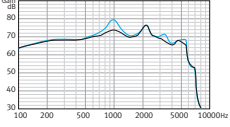
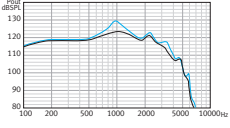
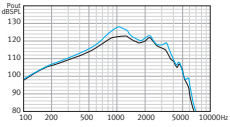
Filtered earhook
(standard)

Unfiltered earhook
(optional)

ANSI 3.22 2009/IEC 118-7 2005 2cc coupler technical data

	Filtered earhook (standard)	Unfiltered earhook (optional)
Reference test frequency - IEC 118-7 (kHz)	1.6	1.6
 OSPL₉₀		
Maximum (dB SPL)	135	139
Nominal (dB SPL)	132	137
HFA - OSPL ₉₀ (dB SPL)	128	131
at RTF (dB SPL)	127	127
 Full on gain (input 50 dB SPL)		
Maximum (dB)	74	78
HFA - FOG (dB)	67	69
at RTF (dB)	65	66
 Reference test setting (RTS)		
Frequency range (Hz)	100-4600	100-4500
Reference test gain (dB)	51	54
Current drain at RTS (mA)	2.0	2.6
Typical battery life (h)	320	320
Equivalent input noise at RTS (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	4/2/1	4/2/1
 Induction coil sensitivity (31.6 mA/m)		
HFA SPLITS/STS-RSETS (dB SPL/dB)	111/1	115/1
 Standard: mic at 70 dB SPL vs induction coil at 100 mA/m - - Mic - - Induction coil		
Electromagnetic compatibility		
EMC immunity by ANSI c63.19-2001 EMC, omni/telecoil	M2/T2	M2/T2

IEC 118-o OES coupler technical data

	Filtered earhook (standard)	Unfiltered earhook (optional)
Reference test frequency - IEC 118-o (kHz)	1.6	1.6
 OSPL₉₀		
Maximum (dB SPL)	137	141
at RTF (dB SPL)	134	134
 Full on gain (input 50 dB SPL)		
Maximum (dB)	77	82
at RTF (dB)	72	73
 Basic frequency response		
Frequency range (DIN 45605) (Hz)	< 100-4600	< 100-4300
Reference test gain (dB)	58	59
Current drain at RTG (mA)	1.3	1.3
Typical battery life (h)	500	500
Equivalent input noise at RTG (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	5/3/2	5/3/2
 Induction coil sensitivity		
at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	117	118
Electromagnetic compatibility		
EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni IRIL low/medium/high band (dB SPL)	30/53/52	30/53/52

Legend

- Filtered earhook
- Unfiltered earhook

Test conditions

Battery size: 675; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
Hearing instrument set to Vista:fit test settings.

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.