

jam

13 P BTE hearing aid series



Performance profile	9	7	5	3
Channels / bands	20	16	12	8
Processing types	WDRC and linear	WDRC and linear	WDRC and linear	WDRC and linear
Adaptive Directional	Multiband	Multiband	Multiband	Multiband

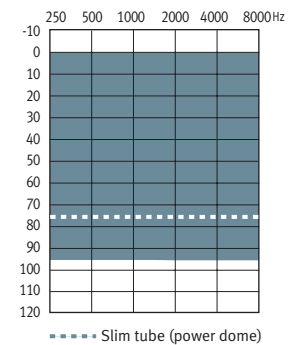
Features				
SpeechBeam+	•			
AutoSurround	AutoSurround 4	AutoSurround 4	AutoSurround 3	AutoSurround 2
SurroundOptimizer+	•	•	•	
SurroundOptimizer				•
AcclimatizationManager	•	•	•	•
BiPhone/BiLink	•	•	•	•
Pinna Effect	•	•	•	
Manual programs	Up to 3	Up to 3	Up to 3	Up to 3
FeedbackManager	•	•	•	•
Direct Sound Management (DSM)	•	•	•	•
Sound Impulse Manager	•	•	•	•
PhoneConnect	•	•	•	•
AutoDAI	•	•	•	•
MusicSelect	Automatic	Automatic	•	•

In all technology levels
3 wireless programs, DataLogging, Tinnitus Manager, plasma coating and IP57

Accessories (optional)				
Remote control RCV1	•	•	•	•
uDirect 2	•	•	•	•
uTV 3	•	•	•	•
uMic	•	•	•	•

Class	13 P
Peak output / gain 2cc filtered earhook	132 / 63
Peak output / gain slim tube	126 / 55
Battery size	13

Fitting guides



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

	Reference test frequency - IEC 118-7 (kHz)	2.5	1.6
	OSPL90		
	Maximum (dB SPL)	126	132
	Nominal (dB SPL)	123	129
	HFA - OSPL90 (dB SPL)	114	122
	at RTF (dB SPL)	109	127
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	55	63
	HFA - FOG (dB)	46	52
	at RTF (dB)	42	61
	Reference test setting (RTS)		
	Frequency range (Hz)	100-7100	100-7100
	Reference test gain (dB)	37	45
	Current drain at RTS (mA)	1.2	1.2
	Typical battery life (h)	260	260
	Equivalent input noise at RTS (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	2/1/1.5	3/4/1.5
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLITS/STS-RSETS (dB SPL/dB)	98/0	107/0
<p>S 13: mic at 70 dB SPL vs induction coil at 100 mA/m — Mic - - Induction coil</p>	Electromagnetic compatibility		
	EMC immunity by ANSI c63.19-2001 EMC, omni/telecoil	M4/T4	M4/T4

IEC 118-o OES coupler technical data

	Reference test frequency - IEC 118-o (kHz)	2.5	1.6
	OSPL90		
	Maximum (dB SPL)	128	134
	at RTF (dB SPL)	120	134
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	59	67
	at RTF (dB)	53	67
	Basic frequency response		
	Frequency range (DIN 45605) (Hz)	100-7500	100-7100
	Reference test gain (dB)	45	59
	Current drain at RTG (mA)	1.2	1.2
	Typical battery life (h)	260	260
	Equivalent input noise at RTG (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	2/1/1.5	3/4/1.5
	Induction coil sensitivity		
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	109	121
	Maximum (1 mA/m at full on gain) (dB SPL)	89	100
	at RTF (1 mA/m at full on gain) (dB SPL)	84	100
	Electromagnetic compatibility		
	EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni IRL low/medium/high band (dB SPL)	32/27/42	32/27/42

Legend

— 13 P

Test conditions

Earhook: filtered; Battery size: 13; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
Hearing instrument set to HANSATON scout fitting software 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.