flow

flow 2
13 SP BTE hearing aid

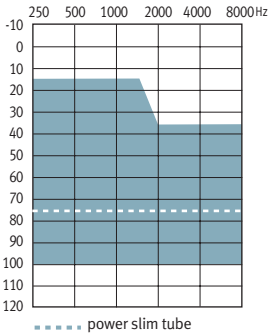
Performance profile	2
Channels / bands	4/8
Processing types	WDRC and linear
Adaptive Directional	•
Fixed Directional	•

Signature feature	
Automatic	•

Features	
Manual programs	Up to 4
AcclimatizationManager	•
NoiseReduction	3 settings
SpeechLift	3 settings
FeedbackManager	•
Direct Sound Management (DSM)	•
Sound Impulse Manager	3 settings
Active Wind Block	3 settings
MusicSelect	•
Telecoil	•
DAI	•
DataLogging	•
Plasma coating	•
IP57	•

Class	13 SP
Peak output / gain 2cc unfiltered earhook	137 / 72
Peak output / gain slim tube	135 / 70
Battery size	13

Fitting guides



CE
0124

DD-SP

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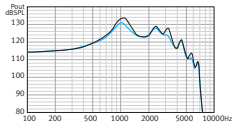
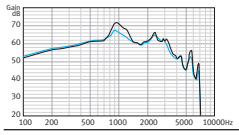
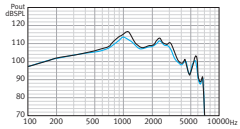
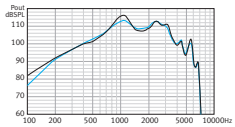
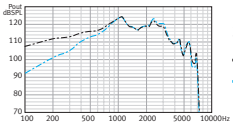
flow

flow 2 - 13 SP BTE series

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

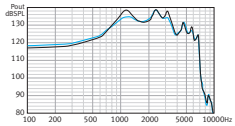
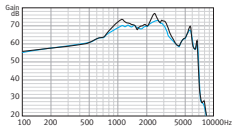
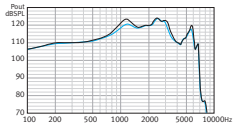
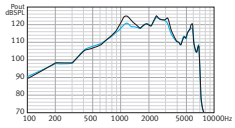
	Filtered earhook (standard)	Unfiltered earhook (optional)	Power tube (optional)
Reference test frequency - IEC 118-7 (kHz)	1.6	1.6	1.6
 OSPL90			
Maximum (dB SPL)	134	137	135
Nominal (dB SPL)	131	134	132
HFA - OSPL90 (dB SPL)	128	128	122
at RTF (dB SPL)	123	123	116
 Full on gain (input 50 dB SPL)			
Maximum (dB)	68	72	70
HFA - FOG (dB)	64	64	58
at RTF (dB)	58	58	57
 Reference test setting (RTS)			
Frequency range (Hz)	100-6200	100-6200	100-6200
Reference test gain (dB)	51	51	45
Current drain at RTS (mA)	1.2	1.2	1.2
Typical battery life (h)	258	258	258
Equivalent input noise at RTS (dB SPL)	19	19	20
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	2.5/2/1	2.5/2/1	2.5/2/1
 Induction coil sensitivity (31.6 mA/m)			
HFA SPLITS/STS-RSETS (dBSPL/dB)	111/0	111/0	103/1



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	M2/T2

IEC 118-0 OES coupler technical data

Reference test frequency - IEC 118-0 (kHz)	1.6	1.6	1.6
 OSPL90			
Maximum (dB SPL)	137	139	135
at RTF (dB SPL)	133	133	124
 Full on gain (input 50 dB SPL)			
Maximum (dB)	73	77	71
at RTF (dB)	69	68	62
 Basic frequency response			
Frequency range (DIN 45605) (Hz)	100-6600	100-6900	100-6900
Reference test gain (dB)	58	58	49
Current drain at RTG (mA)	1.2	1.2	1.2
Typical battery life (h)	258	258	258
Equivalent input noise at RTG (dB SPL)	19	19	20
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	2.5/2/1	2.5/2/1	2.5/2/1
 Induction coil sensitivity			
at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	118	118	108
Maximum (1 mA/m at full on gain) (dB SPL)	103	106	100
at RTF (1 mA/m at full on gain) (dB SPL)	99	99	88
Electromagnetic compatibility			
EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni IRIL low/medium/high band (dB SPL)	33/53/52	33/53/52	33/53/52

Legend

— Unfiltered earhook
— Filtered earhook

Test conditions

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.

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