

flow+

13 P BTE Hearing System



13 P

Performance profile

Channels	12
Processing types	NAL-NL2/NL1 and DSLv5 WDRC and linear

Signature features

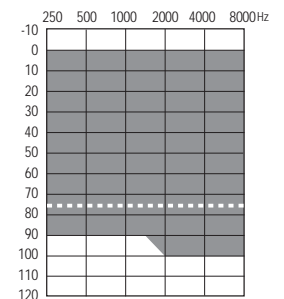
AutomaticMic	Adaptive Directional	•
	Fixed Directional	•
AcclimatizationManager		•
SoundRestore		•
SurroundOptimizer		•
SpeechLift		•
NoiseReduction		•
BiLink		•
FocussedFit		•

Features

Manual programs	Up to 4
FeedbackManager	•
Direct Sound Management	•
Sound Impulse Manager 2	•
Tinnitus Manager	•
MusicSelect	•
DataLogging	•
Telecoil	•
Plasma coating	•
IP68	•

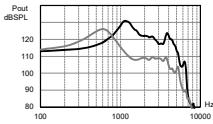
Class	P
Output / gain earhook	131/66
Output / gain slim tube	126/58

Fitting guides

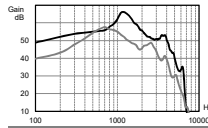


--- Slim tube (power dome)

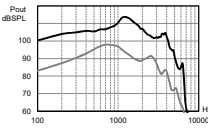
ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data



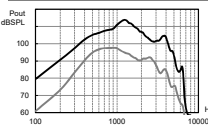
OSPL90		
Maximum (dB SPL)	126	131
HFA - OSPL90 (dB SPL)	111	125



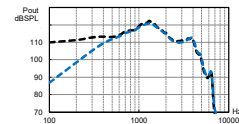
Full on gain (input 50 dB SPL)		
Maximum (dB)	58	66
HFA - FOG (dB)	51	58



Reference test setting (RTS)		
Frequency range (Hz)	<100 - 4600	<100 - 5300
Reference test gain (dB)	34	48
Current drain at RTS (mA)	1.15	1.15
Typical battery life (h)	270	270
Equivalent input noise at RTS (dB SPL)	18	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	0.2/0.2/0.5/0.5	1.7/1.2/0.7/0.7



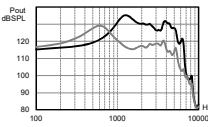
Induction coil sensitivity (31.6 mA/m)		
HFA SPLITS/STS-RSETS (dB SPL/dB)	94/0	108/0
HFA MASL (1 mA/m at full on gain) (dB SPL)	81	88



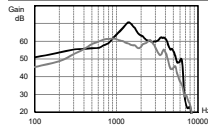
Standard: mic at 70 dB SPL vs induction coil at 100 mA/m
 --- Mic
 -.- Induction Coil

Electromagnetic compatibility		
EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil	M4/T4	M4/T4

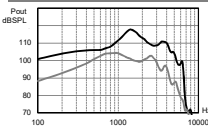
IEC 60118-0: 1994 OES coupler technical data



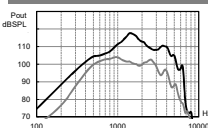
Reference test frequency - IEC 60118-0 (kHz)	2.5	1.6
OSPL90		
Maximum (dB SPL)	130	137
at RTF (dB SPL)	119	132



Full on gain (input 50 dB SPL)		
Maximum (dB)	62	74
at RTF (dB)	60	68



Basic frequency response		
Frequency range (DIN 45605) (Hz)	<100 - 5300	<100 - 6500
Reference test gain (dB)	44	57
Current drain at RTG (mA)	1.15	1.15
Typical battery life (h)	270	270
Equivalent input noise at RTG (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	0.5/0.5/0.9	1.3/1.0/1.0



Induction coil sensitivity		
at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	104	117
Maximum (1 mA/m at full on gain) (dB SPL)	91	100
at RTF (1 mA/m at full on gain) (dB SPL)	90	98

Electromagnetic compatibility		
EMC immunity by IEC 60118-13, 2011 field strength	24/19/19	24/19/19
90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)		

Legend

- Earhook
- Slimtube

Test conditions

Earhook: filtered; Battery size: 13; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
 The hearing instrument is set to Aura:fit 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.