

beat SHD RS675

Behind-the-Ear (BTE) Hearing System Series

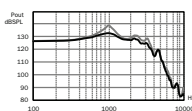


Power Slim Tube
(optional)

Filtered Earhook
(standard)

Unfiltered Earhook
(optional)

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



OSPL90

Maximum (dB SPL)

139

133

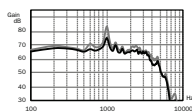
139

HFA - OSPL90 (dB SPL)

124

129

133



Full on gain (input 50 dB SPL)

Maximum (dB)

82

75

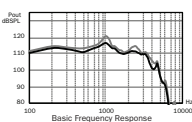
82

HFA - FOG (dB)

65

69

73



Reference test setting (RTS)

Frequency range (Hz)

<100 - 5000

<100 - 5300

<100 - 5100

Reference test gain (dB)

47

52

56

Current drain at RTS (mA)

1.9

1.8

1.9

Typical battery life (h)

340

360

340

Equivalent input noise at RTS (dB SPL)

19

19

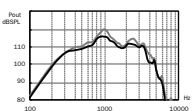
19

Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)

4.0/2.0/1.0/1.0

2.0/1.0/1.0/1.0

4.0/1.0/1.0/1.0



Induction coil sensitivity (31.6 mA/m)

HFA SPLIV/ETLS-RTLS (dB SPL/dB)

108/0

112/0

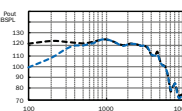
116/0

HFA MASL (1 mA/m at full on gain) (dB SPL)

95

99

103



Standard: mic at 70 dB SPL vs induction coil at 100 mA/m

--- Mic

... Induction Coil

Legend

- Filtered
- Unfiltered

Test conditions

Earhook: filtered; Battery size: 675; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm

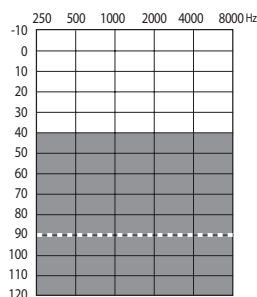
The hearing instrument is set to HANSATON scout test settings. LLE is applied at an approximate level of 35 dB SPL.

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.

Monaural Latency in a fitted user mode is 6.5 ms according to ANSI 2051: 2017.

We reserve the right to change specification data without notice as improvements are introduced.

WARNING: This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user. Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.



--- Power Slim Tube



CE
0459



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HANSATON
hearing & emotions