

beat FS RT675 UP

Behind-the-Ear (BTE) Hearing System Series

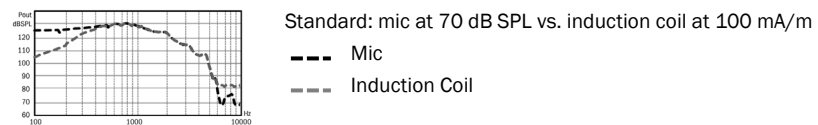
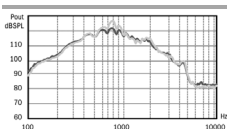
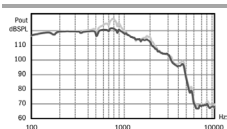
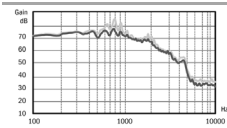
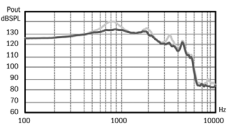


Filtered Earhook
(Standard)

Unfiltered Earhook
(Optional)

ANSI/ASA 3.22 2014 (R2020)/IEC 60118-0: 2022 2cc coupler technical data

Test Parameter	Filtered Earhook (Standard)	Unfiltered Earhook (Optional)
OSPL90		
Maximum (dB SPL)	134	141
HFA - OSPL90 (dB SPL)	129	131
Full on gain (input 50 dB SPL)		
Maximum (dB)	78	84
HFA - FOG (dB)	67	68
Reference test setting (RTS)		
Frequency range (Hz)	<100 - 4700	<100 - 4700
Reference test gain (dB)	52	54
Current drain at RTS (mA)	2.8	3.3
Equivalent input noise at RTS (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	3.0/1.0/1.0/1.0	5.0/1.0/1.0/1.0
Induction coil sensitivity (31.6 mA/m)		
HFA SPLIV / ETLIS-RTLS (dB SPL/dB)	113/1	114/0
HFA MASL (1 mA/m at full on gain) (dB SPL)	97	97



Legend

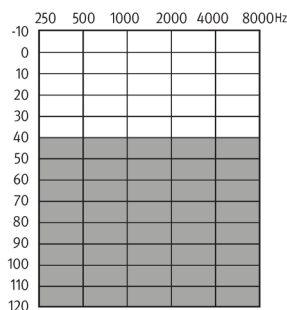
- Filtered
- Unfiltered

Test conditions

Earhook: filtered; Battery size: 675; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
 Battery performance depends on active features, the use of wireless accessories, hearing loss, battery age, sound environment and earpiece.
 Note that for nonrechargeable ZnAir batteries operating time might vary depending on the battery model
 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.



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2024-03 v3 027-6866-02
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