

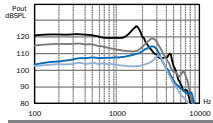
jam SHD 10 / jam SHD 312

In-the-Ear (ITE) Hearing System Series

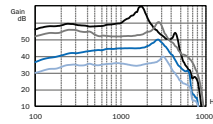


Moderate power Power Super power Ultra power

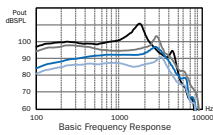
ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data



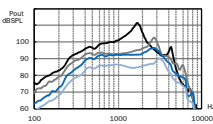
OSPL90	Moderate power	Power	Super power	Ultra power
Maximum (dB SPL)	109	115	119	127
HFA - OSPL90 (dB SPL)	103	111	114	120



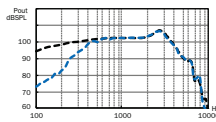
Full on gain (input 50 dB SPL)	Moderate power	Power	Super power	Ultra power
Maximum (dB)	40	50	60	70
HFA - FOG (dB)	35	46	54	62



Reference test setting (RTS)	Moderate power	Power	Super power	Ultra power
Frequency range (Hz)	<100 - 7000	<100 - 6700	<100 - 7000	<100 - 5200
Reference test gain (dB)	26	34	37	43
Current drain at RTS (mA) (312 Wireless)	1.2	1.2	1.2	1.1
Typical battery life (h) (312 Wireless)	150	150	150	160
Current drain at RTS (mA) (10A Non-Wireless)	0.95	1.0	0.95	N/A
Typical battery life (h) (10A Non-Wireless)	110	100	110	N/A
Equivalent input noise at RTS (dB SPL)	19	19	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	1.0/1.5/1.0/1.0	1.0/1.0/1.0/1.0	1.0/1.0/1.0/1.0	1.0/1.0/1.0/1.0



Induction coil sensitivity (31.6 mA/m)	Moderate power	Power	Super power	Ultra power
HFA SPLITS/STS-RSETS (dB SPL/dB)	86/0	94/0	96/-1	103/0
HFA MASL (1 mA/m at full on gain) (dB SPL)	65	76	83	92



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

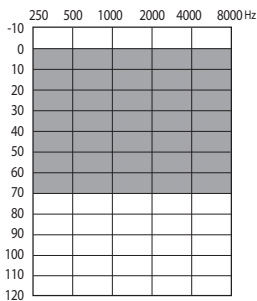
Legend

- Ultra Power
- Super Power
- Power
- Moderate Power

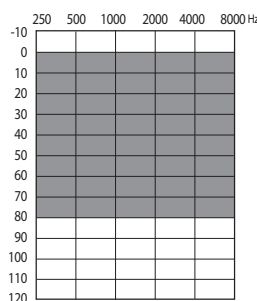
General Test Information

Battery size: 10A/312; Source voltage: 1.3 V; Vent: closed at canal end.
 Tubing 5 mm (2cc/OES coupler) - All Power Levels.
 The hearing instrument is set to HANSATON scout test settings. LLE is applied at an approximate level of 35 dB SPL.
 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.

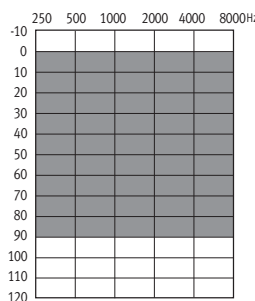
WARNING: Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.



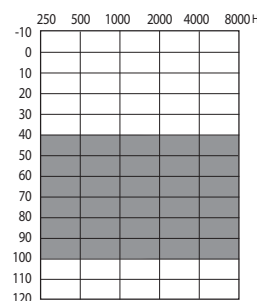
Moderate



Power



Super power



Ultra power



CE
0459



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027-6813-02/V1.00/2023-01/dr
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