

AQ sound FS RT



Receiver-in-Canal (RIC) Rechargeable Hearing System Series

	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
ANSI / ASA S3.22 2014/IEC 60118-0: 2015 2cc coupler technical data				
OSPL90 Maximum (dB SPL) HFA - OSPL90 (dB SPL)	111	114	122	132
	106	111	120	124
Full on gain (input 50 dB SPL) Maximum (dB) HFA - FOG (dB)	47	51	59	71
	40	46	56	65
Reference test setting (RTS) Frequency range (Hz) Reference test gain (dB) Typical battery life (h) Equivalent input noise at RTS (dB SPL) Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	<100 - 8000	<100 - 8000	<100 - 6300	<100 - 6100
	29	34	43	47
	18	18	18	18
	19	19	19	19
	1.5/2.0/2.0/1.0	1.5/2.0/2.0/1.0	1.0/1.5/1.0/1.0	1.5/1.5/1.0/1.0
Induction coil sensitivity (31.6 mA/m) HFA SPLIV / ETLs-RTLS (dB SPL/dB) HFA MASL (1 mA/m at full on gain) (dB SPL)	89/0	94/0	103/0	107/0
	70	76	86	95
	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	M4/T4	M4/T4	M4/T4	M4/T4

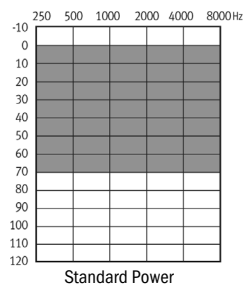
Legend Test conditions

- Ultra Power
- Power
- Moderate Power
- Standard Power

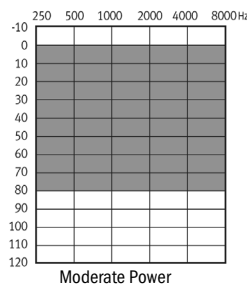
Lithium-Ion rechargeable battery; Source: voltage 3.8 V
 * Typical operating time of the rechargeable battery is based upon a combination of bluetooth streaming and regular hearing instrument usage.
 The measurements obtained with a closed configuration using an HA-1 coupler (ANSI-3.7-1995).
 The hearing instrument 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:

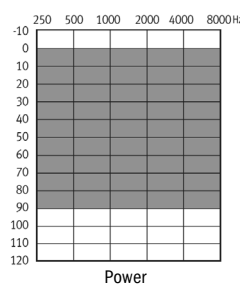
Changes or modifications to the hearing aid that are not explicitly approved by the manufacturer are not permitted. Such changes may damage the ear or the hearing aid.



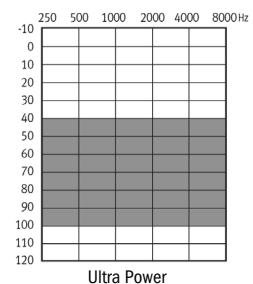
Standard Power



Moderate Power



Power



Ultra Power