

# AQ sound ST R

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



	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
<b>ANSI / ASA S3.22 2014/IEC 60118-0: 2015 2cc coupler technical data</b>				
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) Expected operating time (h) * Equivalent input noise at RTS (dB SPL)	<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
Electromagnetic compatibility				
EMC immunity by ANSI c63.19-2011 EMC, omni	M4	M4	M4	M4

Legend	Test conditions
— Standard Power	Lithium-Ion rechargeable battery; Source: voltage 3.8 V
— Moderate Power	* Typical operating time of the rechargeable battery is based upon a combination of Bluetooth® streaming and regular hearing instrument usage.
— Power	The measurements obtained with a closed configuration using an HA-1 coupler (ANSI-3.7-1995).
— Ultra Power	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. We reserve the right to change specification data without notice as improvements are introduced.

**WARNINGS:**  
 This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken with its fitting 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 as they may damage the ear or the hearing aid.

