

AQ jam XC R

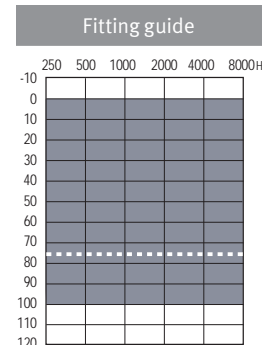
Rechargeable Hearing System Series



Rechargeable

Functionalities	9	7	5	3
Direct Connectivity				
Bluetooth (HFP/A2DP)	•	•	•	•
TV Connector	•	•	•	•
Telephone (MFA)	•	•	•	•
Detection				
SurroundSupervisorXC	•	•	•	•
Localization and Focus				
SphereSound XC Natural	•			
SphereSound XC Personalized	•			
SphereSound XC	•	•	•	
SpeechBeam XC Natural	•			
SpeechBeam XC		•		
Automatic Program				
Conversations in a crowd	•			
Conversations in a small group	•	•		
Music	•	•		
Quiet	•	•	•	
Noise	•	•	•	
Conversations in quiet	•	•	•	•
Conversations in noise	•	•	•	•
AutoSurround XC	7	6	4	2
AutoStream XC (SpeechStream, MusicStream)	•	•	•	•
Optimization and Comfort				
Intelligent Acclimatization	•	•	•	•
SoundRestore XC	•	•	•	•
SurroundOptimizer XC	•	•	•	•
ConversationLift	•	•	•	•
NoiseReduction	•	•	•	•
FeedbackManager	•	•	•	•
Sound Impulse Manager	•	•	•	•
Active Wind Block	•	•	•	•
Channels and Programs				
Channels (G/AGC)	20	16	12	8
No. of programs (AutoSurround XC/Manual/Wireless)	7/3/3	6/3/3	4/3/3	2/3/3
In all technology levels				
FocussedFit, stream remote App, SDS 4.0 (Slim Tube and Domes), BiLink, BiPhone, DataLogging, Tinnitus Manager				
Class				
P				
Peak output/gain earhook	130/66			
Peak output/gain Slim Tube	127/60			

AQ jam XC R is rated IP 68



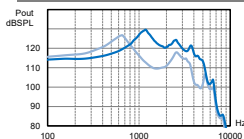
--- Slim tube (power dome)

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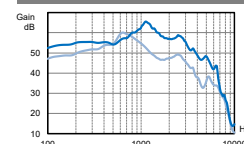
Earhook
(Standard)

Slim Tube
(Optional)

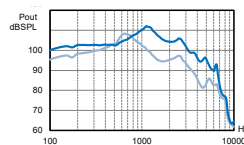
ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data



OSPL90	Earhook (Standard)	Slim Tube (Optional)
Maximum (dB SPL)	130	127
HFA - OSPL90 (dB SPL)	125	115



Full on gain (input 50 dB SPL)	Earhook (Standard)	Slim Tube (Optional)
Maximum (dB)	66	60
HFA - FOG (dB)	60	50



Reference test setting (RTS)	Earhook (Standard)	Slim Tube (Optional)
Frequency range (Hz)	100 - 6800	100 - 7000
Reference test gain (dB)	48	38
Typical battery life (h) *	18	18
Equivalent input noise at RTS (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	4.0/3.0/2.0/1.0	1.0/1.0/2.0/1.0

Electromagnetic compatibility	Earhook (Standard)	Slim Tube (Optional)
EMC immunity by ANSI c63.19-2011 EMC, omni	M1	M1

Legend

- Earhook
- Slim Tube

Test conditions

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.