

jam XC Pro R312 M

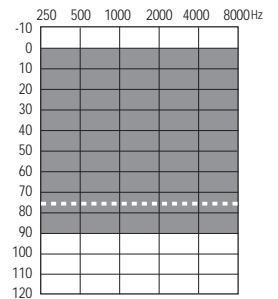
Behind-the-ear Hearing System Series



R312 M

Functionalities	9	7	5	3
Direct Connectivity				
Bluetooth (HFP/A2DP)	•	•	•	•
TV Connector	•	•	•	•
Telephone (MFA)	•	•	•	•
Detection				
SurroundSupervisor XC	•	•	•	•
Localization and Focus				
ConversationOptimizer XC Pro	•			
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				
ConversationBoost XC Pro	•	•	•	
Intelligent Acclimatization	•	•	•	•
SoundRestore XC	•	•	•	•
SurroundOptimizer XC	•	•	•	•
ConversationLift	•	•	•	•
NoiseReduction	•	•	•	•
FeedbackManager	•	•	•	•
Sound Impulse Manager	•	•	•	•
Active Wind Block	•	•	•	•
Channels and Programs				
Channels (G/AGC)	20	16	14	12
No. of programs (AutoSurround XC/Manual/Wireless)	7/3/5	6/3/5	4/3/5	2/3/5
In all technology levels				
FocussedFit, stream remote App, SDS 4.0 (Slim Tube and Domes), BiLink, BiPhone, DataLogging, Tinnitus Manager, Telecoil				
Class			M	
Peak output/gain earhook			128/63	
Peak output/gain Slim Tube			122/58	

Fitting Guide



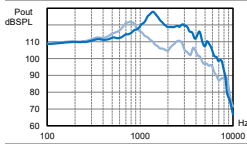
--- Slim tube (power dome)

jam XC Pro is rated IP 68

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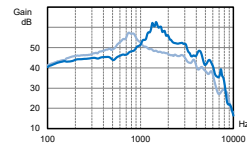
Earhook (Standard) Slim Tube (Optional)

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



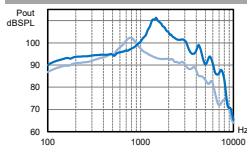
OSPL90

Maximum (dB SPL)	128	122
HFA - OSPL90 (dB SPL)	121	111



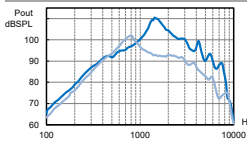
Full on gain (input 50 dB SPL)

Maximum (dB)	63	58
HFA - FOG (dB)	55	49



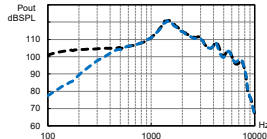
Reference test setting (RTS)

Frequency range (Hz)	100 - 8000	100 - 6500
Reference test gain (dB)	44	34
Current drain at RTS (mA)	1.6	1.5
Equivalent input noise at RTS (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	5.0/3.0/2.0/1.0	1.5/1.5/2.0/1.0



Induction coil sensitivity (31.6 mA/m)

HFA SPLIV / ETLs-RTLS (dB SPL/dB)	103/-1	94/0
HFA MASL (1 mA/m at full on gain) (dB SPL)	84	77



Standard: mic at 70 dB SPL vs. induction coil at 100 mA/m

--- Mic
 - - - Induction Coil

Legend

- Earhook
- Slim Tube

Test conditions

Battery: size 312 Zinc-air; Source: voltage 1.3 V
 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.
 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.