

jamHD

S312 M - BTE hearing aid series



jamHD S312 M

Performance profile	9	7	5	3
Channels	20	16	12	8
Processing types	WDRC and linear	WDRC and linear	WDRC and linear	WDRC and linear
Adaptive Directional	Multiband	Multiband	Multiband	Multiband

Signature features				
SpeechBeam+	•			
SpeechBeam		•		
AutoSurround HD	7 environments	6 environments	5 environments	2 environments
SurroundOptimizer HD	•	•	•	•
AcclimatizationManager	•	•	•	•
BiPhone/BiLink	•	•	•	•
Pinna Effect	•	•	•	•
Manual programs	Up to 3	Up to 3	Up to 3	Up to 3
SoundRestore	•	•	•	•
FeedbackManager	•	•	•	•
Direct Sound Management (DSM)	•	•	•	•
Sound Impulse Manager	•	•	•	•
PhoneConnect	•	•	•	•
MusicSelect	Automatic	Automatic	•	•
Telecoil	•	•	•	•
Pushbutton	•	•	•	•

In all technology levels

3 wireless programs, DataLogging, Active Wind Block, Tinnitus Manager, plasma coating and IP 67

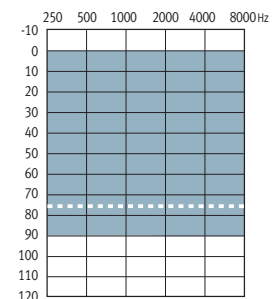
Accessories (optional)

Remote control RCV2	•	•	•	•
uStream	•	•	•	•
uDirect3	•	•	•	•
uTV3	•	•	•	•
uMic2	•	•	•	•

Class

Peak output / gain zcc filtered earhook	M
Peak output / gain slim tube	132/63
Battery size	125/56
	312

Fitting guides



--- Slim tube (power dome)

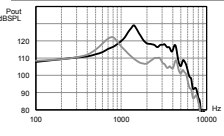
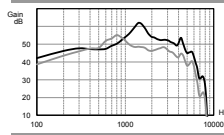
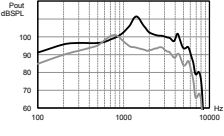
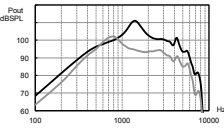
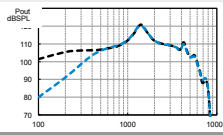


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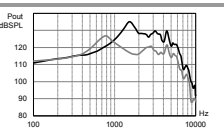
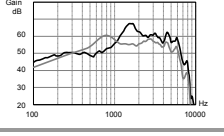
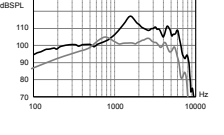
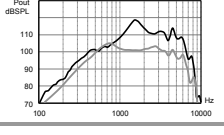
DE-SP





ANSI 3.22 2014/IEC 118-7 2005 2cc coupler technical data

	Reference test frequency - IEC 118-7 (kHz)	1.6	1.6
	OSPL90		
	Maximum (dB SPL)	125	132
	Nominal (dB SPL)	122	129
	HFA - OSPL90 (dB SPL)	112	121
	at RTF (dB SPL)	108	125
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	56	63
	HFA - FOG (dB)	48	54
	at RTF (dB)	48	60
	Reference test setting (RTS)		
	Frequency range (Hz)	<100 - 6500	<100 - 6500
	Reference test gain (dB)	35	44
	Current drain at RTS (mA)	1.3	1.4
	Typical battery life (h)	140	130
	Equivalent input noise at RTS (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0	5.0/3.0/2.0
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLITS/STS-RSETS (dB SPL/dB)	95/0	104/0
	Standard: mic at 70 dB SPL vs induction coil at 100 mA/m		
			
Electromagnetic compatibility			
EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil		M4/T4	M4/T4

IEC 118-o OES coupler technical data

	Reference test frequency - IEC 118-o (kHz)	1.6	1.6
	OSPL90		
	Maximum (dB SPL)	126	134
	at RTF (dB SPL)	116	133
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	60	68
	at RTF (dB)	55	67
	Basic frequency response		
	Frequency range (DIN 45605) (Hz)	<100 - 6600	700 - 6300
	Reference test gain (dB)	41	58
	Current drain at RTG (mA)	1.2	1.2
	Typical battery life (h)	150	150
	Equivalent input noise at RTG (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0	8.0/5.0/2.0
	Induction coil sensitivity		
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	101	118
Electromagnetic compatibility			
EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)		16/16/16	30/15/15

Legend

-  Earhook
-  Slimtube

Test conditions

Earhook: filtered; Battery size: 312; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
 The hearing instrument is set to Unifon Truefit 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.
 Sound pressure level of these hearing aids exceeds 132 dB SPL.
 We reserve the right to change specification data without notice as improvements are introduced.