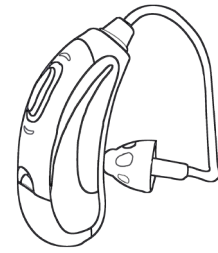


Audicus

Dia II



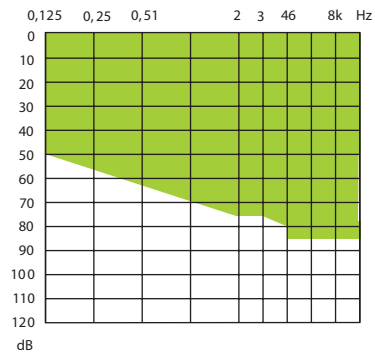
Brief Description

- Open-fit behind-the-ear (BTE) hearing aid
- Suitable for mild to moderate hearing loss
- Eight (8) or twelve (12) channels
- Universal auto-adaptive program adjusts to environments, amplifying close sounds while eliminating background noise
- Additional volume programs available with Basic Remote
- Directional microphone for detecting speech
- JamHD sound processor
- Advanced programming algorithm for amplification of speech/conversation with noise reduction
- Automatic frequency response adjustment in changing acoustic environments
- Adaptive feedback control
- Internal and external nanocoating for moisture resistance
- Binaural synchronization of hearing aids for volume and program control

Accessories

- Domes
- Open-fit tubes
- Size 312 batteries
- Complimentary one year warranty
- 45 day trial period
- Available in: Beige, Black, Silver, White, Grey, Brown
- Optional Basic Remote for handheld volume control

Fitting Range



Output/Gain

Open: 125/56

Homologation Approval

DHI-No. 13.20.12.3296



JamHD S312 Behind-the-Ear (BTE) Hearing Instrument

Slim Tube
(standard)

Earhook
(optional)

ANSI 3.22 2014/I EC 118-7 2005 2 cc 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) at RTF (dB SPL)	112 108	121 125
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	56	63
	HFA - FOG (dB) at RTF (dB)	48 48	54 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		
	--- Mic - - - Induction Coil		
Electromagnetic compatibility			
	EMC immunity by ANSI c63.19-2011 EMC, omni/ telecoil	M4/T4	M4/T4

IEC 118-0 OES coupler technical data

	Reference test frequency - IEC 118-0 (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. IRI L low/medium/high band (dB SPL)	16/16/16	30/15/15

Legend

- Earhook
- Slim tube

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 Unirton 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.