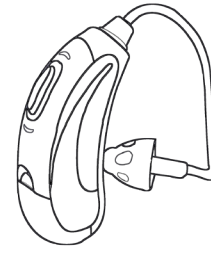


AUDICUS

The Dia II



Height: 30mm
(1.18 in)

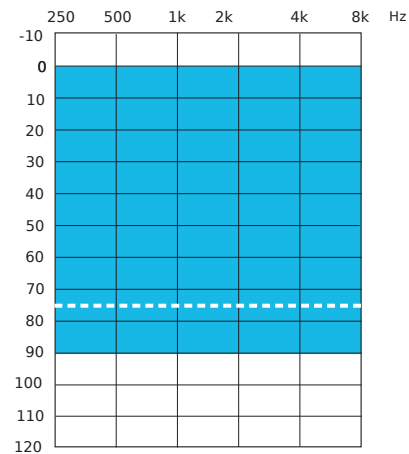
Depth: 11.6mm
(0.46 in)

Width: 7.6mm
(0.30 in)

Brief Description

- Open-fit behind-the-ear (BTE) hearing aid
- Suitable for mild to moderate hearing loss
- 10 channels
- Default universal auto-adaptive program adjusts to environments, amplifying close sounds while eliminating background noise
- Additional environmental and volume programs available for use with classic remote
- 2 directional microphones for detecting speech
- 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, IP 68 rated
- Binaural synchronization of hearing aids for volume and program control

Fitting Range



Accessories

- Domes - variety pack
- Size 312 batteries
- Open-fit tubes
- Complimentary 1-year warranty
- 45-day trial period
- Available in: beige, silver, grey
- Optional classic remote for handheld volume control

Output/Gain

Slim tube:
122/56

Homologation Approval

DHI-No. 13.20.12.3296

ANSI 3.22 2014/IEC 60118-7 2005 2cc coupler technical data

	Reference test frequency - IEC 60118-7 (kHz)	1.6
	OSPL90	
	Maximum (dB SPL)	122
	HFA - OSPL90 (dB SPL)	112
	at RTF (dB SPL)	108
	Full on gain (input 50 dB SPL)	
	Maximum (dB)	56
	HFA - FOG (dB)	48
	at RTF (dB)	48
	Reference test setting (RTS)	
	Frequency range (Hz)	<100-6500
	Reference test gain (dB)	35
	Current drain at RTS (mA)	1.30
	Typical battery life (h)	140
	Equivalent input noise at RTS (dB SPL)	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0
	Induction coil sensitivity (31.6 mA/m)	
	HFA SPLITS/STS-RSETS (dB SPL/dB)	95/0
	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

IEC 60118-0 OES coupler technical data

	Reference test frequency - IEC 60118-0 (kHz)	1.6
	OSPL90	
	Maximum (dB SPL)	126
	at RTF (dB SPL)	116
	Full on gain (input 50 dB SPL)	
	Maximum (dB)	60
	at RTF (dB)	55
	Basic frequency response	
	Frequency range (DIN 45605) (Hz)	< 100-6600
	Reference test gain (dB)	41
	Current drain at RTG (mA)	1.20
	Typical battery life (h)	150
	Equivalent input noise at RTG (dB SPL)	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/1.5/2.0
	Induction coil sensitivity	
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	101
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

Legend

— Slim tube

Test conditions

Battery size: 312; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm

The hearing system is set to HANSATON scout test settings. LLE (Low Level Expansion) 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.

