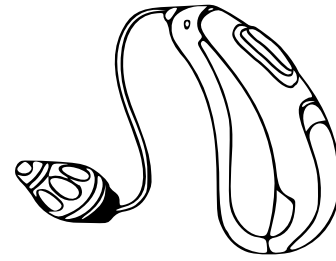


# AUDICUS

## The Audicus Clara

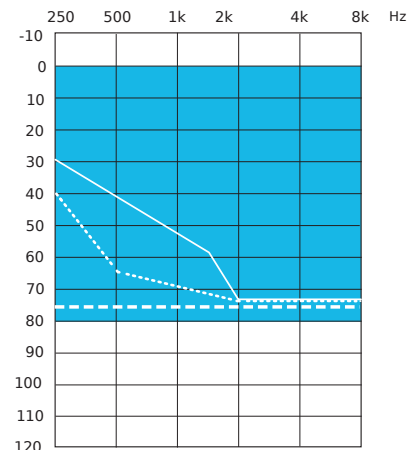


Height: 26mm  
(1.0 in)  
Depth: 10.5mm  
(0.4 in)  
Width: 7.1mm  
(0.28 in)

### Brief Description

- Receiver-in-canal (RIC) hearing aid with optional Bluetooth capability
- Suitable for moderate to severe 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 or Bluetooth 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



Standard Receiver (xS)

- Open dome
- - - Closed dome
- · - Power dome

### Accessories

- Domes - variety pack
- Size 312 batteries
- Earwax guard and tool
- Complimentary 1-year warranty
- 45-day trial period
- Available in: amber, black, grey, silver
- Optional classic remote for handheld volume control
- Optional Bluetooth remote to stream sounds from phones, televisions, radios, and more

### Output/Gain

Standard Receiver:  
111/47

### Homologation Approval

DHI-No. 5042

**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)	111
	HFA - OSPL90 (dB SPL) at RTF (dB SPL)	106 / 105
	Full on gain (input 50 dB SPL)	
	Maximum (dB)	47
	HFA - FOG (dB) at RTF (dB)	40 / 40
	Reference test setting (RTS)	
	Frequency range (Hz)	<100-8500
	Reference test gain (dB)	29
	Current drain at RTS (mA)	1.15
	Typical battery life (h)	160
	Equivalent input noise at RTS (dB SPL)	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.0/1.0/1.0
	Induction coil sensitivity (31.6 mA/m)	
	HFA SPLITS/STS-RSETS (dB SPL/dB)	89/0
	<p>Standard: mic at 70 dB SPL vs induction coil at 100 mA/m                  - - Mic                  - - Induction Coil</p>	

**Electromagnetic compatibility**

EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil	M4/T4
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**IEC 60118-0 OES coupler technical data**

	Reference test frequency - IEC 60118-0 (kHz)	1.6
	OSPL90	
	Maximum (dB SPL)	122
	at RTF (dB SPL)	114
	Full on gain (input 50 dB SPL)	
	Maximum (dB)	58
	at RTF (dB)	48
	Basic frequency response	
	Frequency range (DIN 45605) (Hz)	< 100-9500
	Reference test gain (dB)	39
	Current drain at RTG (mA)	1.15
	Typical battery life (h)	160
	Equivalent input noise at RTG (dB SPL)	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.0/1.5/1.5
	Induction coil sensitivity	
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	99

**Electromagnetic compatibility**

EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)	24/27/27
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**Legend**

— xS receiver

**Test conditions**

Battery size: 312; Source: voltage 1.3 V  
 The measurements obtained with a closed configuration using an HA-1 coupler (ANSI-3.7-1995) or occluded ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard). The hearing system set to 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.

