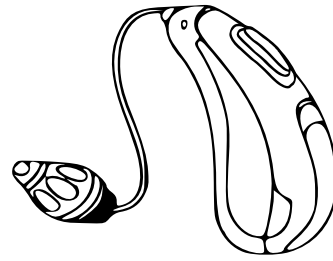


# AUDICUS



## The Audicus Clara

### Brief Description

- Receiver-in-canal (RIC) hearing aid with optional Bluetooth capability
- Suitable for moderate to severe hearing loss with strongest receiver (Power receiver)
- 8 or 12 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

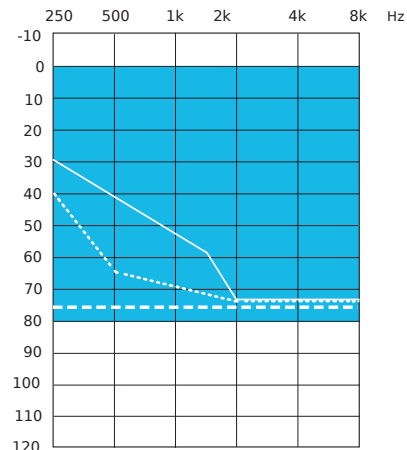
### Accessories

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

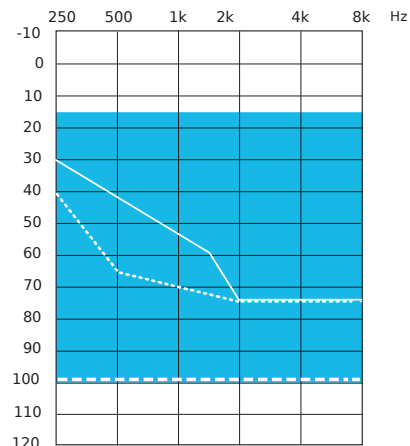
### Output/Gain

Standard Receiver:	Power Receiver:
111/47	124/57

### Fitting Range



Standard Receiver (xS)



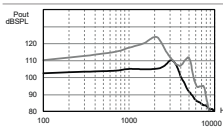
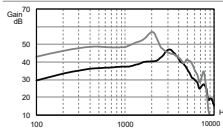
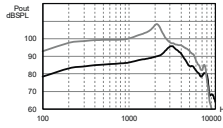

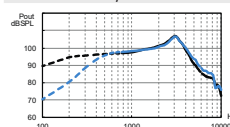
Power Receiver (xP)

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

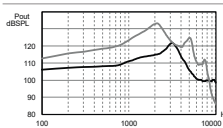
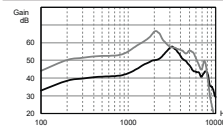
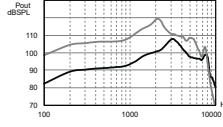
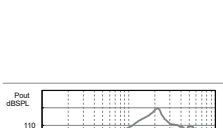
### Homologation Approval

DHI-No. 5042

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

	Standard Receiver (xS)	Power Receiver (xP)
Reference test frequency - IEC 60118-7 (kHz)	1.6	1.6
 <p>OSPL90</p> <p>Maximum (dB SPL)</p> <p>HFA - OSPL90 (dB SPL)</p> <p>at RTF (dB SPL)</p>	111	124
	106	119
	105	121
	105	121
 <p>Full on gain (input 50 dB SPL)</p> <p>Maximum (dB)</p> <p>HFA - FOG (dB)</p> <p>at RTF (dB)</p>	47	57
	40	50
	40	52
	40	52
 <p>Reference test setting (RTS)</p> <p>Frequency range (Hz)</p> <p>Reference test gain (dB)</p> <p>Current drain at RTS (mA)</p> <p>Typical battery life (h)</p> <p>Equivalent input noise at RTS (dB SPL)</p> <p>Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)</p>	<100-8500	<100-7300
	29	42
	1.15	1.25
	160	140
	19	18
	1.0/1.0/1.0	1.5/1.0/0.5
	1.0/1.0/1.0	1.5/1.0/0.5
 <p>Induction coil sensitivity (31.6 mA/m)</p> <p>HFA SPLITS/STS-RSETS (dB SPL/dB)</p>	89/0	102/0
	89/0	102/0
	89/0	102/0
 <p>Standard: mic at 70 dB SPL vs induction coil at 100 mA/m</p> <p>-- Mic</p> <p>- - Induction Coil</p>		
Electromagnetic compatibility		
EMC immunity by ANSI c63.19-2011 EMC, omni/telecoil	M4/T4	M4/T4

## IEC 60118-0 OES coupler technical data

	Standard Receiver (xS)	Power Receiver (xP)
Reference test frequency - IEC 60118-0 (kHz)	1.6	1.6
 <p>OSPL90</p> <p>Maximum (dB SPL)</p> <p>at RTF (dB SPL)</p>	122	133
	114	130
	114	130
 <p>Full on gain (input 50 dB SPL)</p> <p>Maximum (dB)</p> <p>at RTF (dB)</p>	58	67
	48	62
	48	62
 <p>Basic frequency response</p> <p>Frequency range (DIN 45605) (Hz)</p> <p>Reference test gain (dB)</p> <p>Current drain at RTG (mA)</p> <p>Typical battery life (h)</p> <p>Equivalent input noise at RTG (dB SPL)</p> <p>Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)</p>	< 100-9500	< 100-6700
	39	55
	1.15	1.2
	160	150
	19	19
	1.0/1.5/1.5	1.5/1.5/1.0
	1.0/1.5/1.5	1.5/1.5/1.0
 <p>Induction coil sensitivity</p> <p>at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)</p>	99	115
	99	115
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	23/26/24

### Legend

— xS receiver  
 — xP 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.

