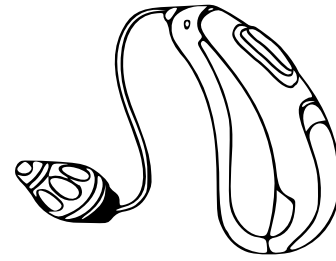


AUDICUS

The Audicus Clara



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

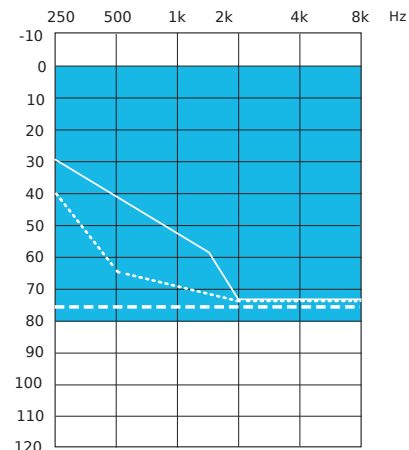
Brief Description

- Receiver-in-canal (RIC) hearing aid with optional Bluetooth capability
- Suitable for moderate to severe hearing loss with strongest receiver (Power receiver)
- 10 or 16 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

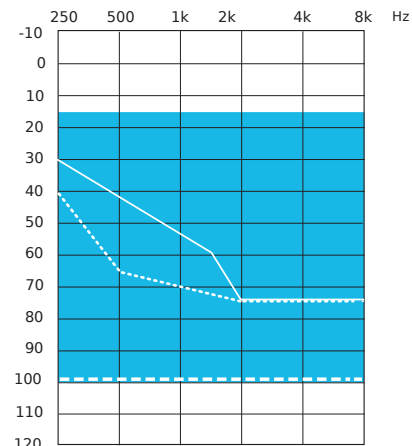
Accessories

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

Fitting Range



Standard Receiver (xS)



Power Receiver (xP)

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

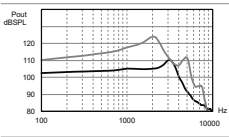
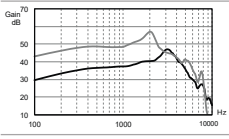
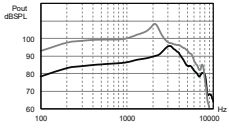
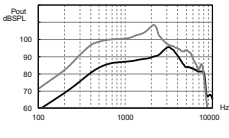
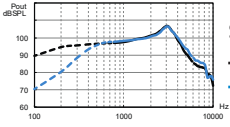
Output/Gain

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

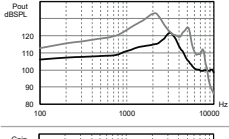
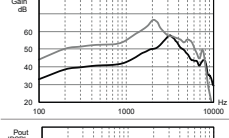
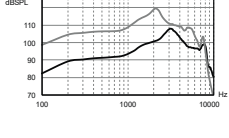
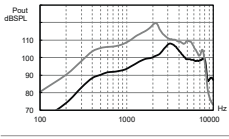
Homologation Approval

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
	Full on gain (input 50 dB SPL)	
 <p>Maximum (dB)</p> <p>HFA - FOG (dB)</p> <p>at RTF (dB)</p>	47	57
	40	50
	40	52
	Reference test setting (RTS)	
 <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
	Induction coil sensitivity (31.6 mA/m)	
 <p>HFA SPLITS/STS-RSETS (dB SPL/dB)</p>	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

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
	Full on gain (input 50 dB SPL)	
	 <p>Maximum (dB)</p> <p>at RTF (dB)</p>	58
48		62
Basic frequency response		
 <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
	39	55
	1.15	1.2
	160	150
	19	19
	1.0/1.5/1.5	1.5/1.5/1.0
	Induction coil sensitivity	
 <p>at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)</p>	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.

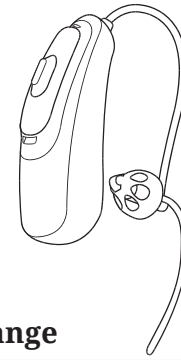
LLE (Low Level Expansion) is applied at an approximate level of 35 dB SPL. Domes should never be fit on patients with perforated eardrums, exposed middle ear cavities, or surgically altered ear canals. In the case of such a condition, we recommend use of a customized earmold. Sound pressure level of these hearing aids exceeds 132 dB SPL.

We reserve the right to change specification data without notice as improvements are introduced.



AUDICUS

The Audicus Clara Rechargeable



Height: 30mm
(1.2 in)

Depth: 11.5mm
(0.45 in)

Width: 8.0mm
(0.31 in)

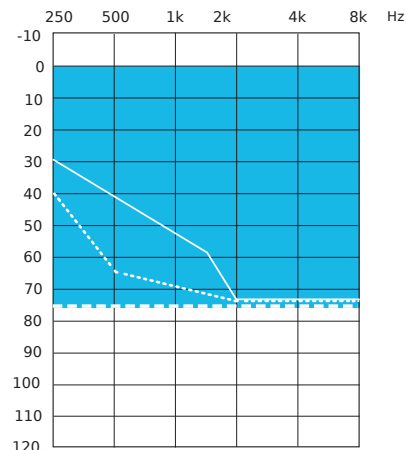
Brief Description

- Receiver-in-canal (RIC) hearing aid with optional Bluetooth capability
- Suitable for moderate to severe hearing loss with strongest receiver (Power receiver)
- 16 or 20 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

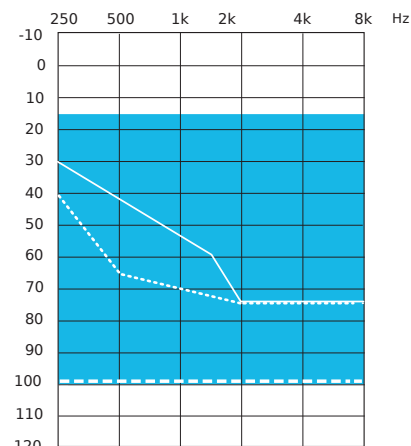
Accessories

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

Fitting Range



Standard Receiver (xS)



Power Receiver (xP)

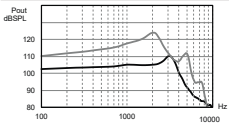
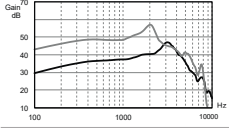
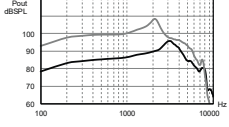
- Open dome
- - - Closed dome
- - - Power dome

Output/Gain

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

Homologation Approval

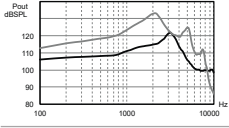
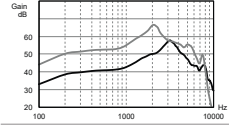
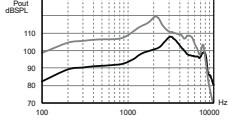
DHI-No. 5042

	Standard Receiver (xS)	Power Receiver (xP)
ANSI 3.22 2014/IEC 60118-0 2015 2cc coupler technical data		
 Reference test frequency - IEC 60118-7 (kHz)	1.6	1.6
OSPL90		
Maximum (dB SPL)	111	124
HFA - OSPL90 (dB SPL)	106	120
 Full on gain (input 50 dB SPL)		
Maximum (dB)	46	57
HFA - FOG (dB)	37	52
 Reference test setting (RTS)		
Frequency range (Hz)	<100-8500	<100-7300
Reference test gain (dB)	29	43
Typical battery life (h)*	24	24
Equivalent input noise at RTS (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.5/2.0/2.0	1.0/1.0/1.0

Electromagnetic compatibility

EMC immunity by ANSI c63.19-2011 EMC, omni	M4	M4
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IEC 60118-0:1994 OES coupler technical data

 Reference test frequency - IEC 60118-0 (kHz)	1.6	1.6
OSPL90		
Maximum (dB SPL)	122	132
at RTF (dB SPL)	113	131
 Full on gain (input 50 dB SPL)		
Maximum (dB)	56	65
at RTF (dB)	45	62
 Basic frequency response		
Frequency range (DIN 45605) (Hz)	< 100-9500	< 100-6700
Reference test gain (dB)	39	55
Current drain at RTG (mA)	1.15	1.2
Typical battery life (h)	160	150
Equivalent input noise at RTG (dB SPL)	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	1.0/1.5/1.5	1.5/1.5/1.0

Electromagnetic compatibility

EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni. IRIL low/medium/high band (dB SPL)	41/32/41	41/29/39
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Legend Test conditions

- xS receiver
- xP receiver

Battery : Li-ion; Source voltage : 3.8 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 Aura:fit 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. *Expected operating time of the rechargeable battery depends on active features. We reserve the right to change specification data without notice as improvements are introduced.

