The Audicus Wave

Height: 27.8mm (1.1 in)
Depth: 11.6mm (.46 in)
Width: 7.5mm (.30 in)

312 battery powered receiver in canal (RIC) direct connectivity hearing instrument

Soundscape Manager		550
Environmental classification	**Auto Sound Control 3.0**	•
	Total listening environments	4
	Conversation in a crowd	
	Conversation in a small group	
	Music	
	Quiet	•
	Noise	•
	Conversation in quiet	•
	Conversation in noise	•
	Total streaming environments	2
	Media Control Speech	•
	Media Control Music	•
Sound optimization	**Sound Director**	•
	Speech enhancement	•
	Noise reduction	•
	Microphone features	•
Localization	**Sound Mapping**	•
	Personalized	
	Pinna Effect	•
Performance in challenging environments	**Speech Target Pro**	
	Speech Finder	
	Speech Lock	
	Speech Mapping	
	Speech Target 2	
Fine-tuning channels		12

Available in all technology levels

Sound Suite

› Pulse protector 2
› Wind control
› Feedback manager
› Natural Sound

Ease and convenience

› Made for all direct connectivity
› TV Connector
› Wireless synchronization
› Binaural Phone

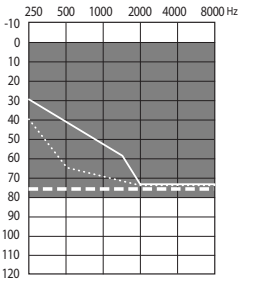
Fitting

› New first fit approach
› Automatic Adaptation Manager
› Frequency compression 2
› Tinnitus masker
› Music equalizer
› Manual programs
› IntelliVent

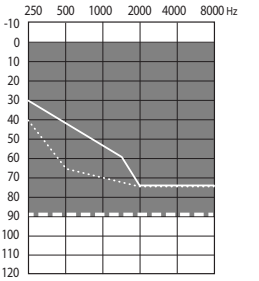
Innovations

› Vista:trial
› Vista:upgrade
› Capture All

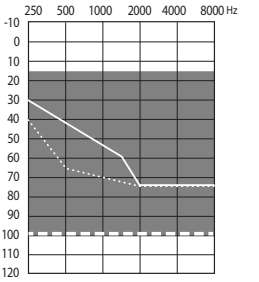
Fitting guides



S receiver



M receiver



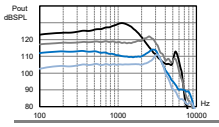
P receiver

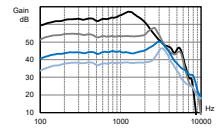
The Audicus Wave is rated IP 68

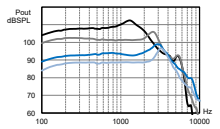
Open dome/cap dome
Vented dome
Power dome or sleeve mold

2020-04 027-6522-02 CE 0543

ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data







	Standard S	Moderate M	Power P	Ultra Power UP
OSPL90				
Maximum (dB SPL)	111	114	122	130
HFA - OSPL90 (dB SPL)	106	111	120	124
Full on gain (input 50 dB SPL)				
Maximum (dB)	46	50	58	67
HFA - FOG (dB)	39	45	55	62
Reference test setting (RTS)				
Frequency range (Hz)	‹100 - 8000	‹100 - 8000	‹100 - 6300	‹100 - 6000
Reference test gain (dB)	29	34	43	47
Current drain at RTS (mA)	2.2	2.1	2.2	2.1
Equivalent input noise at RTS (dB SPL)	19	19	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz(%)	1.5/2.0/2.0/1.0	1.5/2.0/2.0/1.0	1.0/1.5/1.0/1.0	1.5/1.5/1.0/1.0
Electromagnetic compatibility				
EMC immunity by ANSI c63.19-2011 EMC, omni	M4	M4	M4	M4

Legend

- S receiver
- M receiver
- P receiver
- UP 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).
The hearing instrument set to Aura:fit test settings. LLE is applied at an approximate level of 35 dB SPL.
Domes should never be fit on clients 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.
We reserve the right to change specification data without notice as improvements are introduced.

The Audicus Wave - Rechargeable

Height: 30.6mm (1.2 in)
Depth: 12.2mm (.48 in)
Width: 8.7mm (.34 in)

Lithium-ion powered receiver in canal (RIC) direct connectivity hearing instrument

Soundscape Manager		550
Environmental classification	**Auto Sound Control 3.0**	•
	Total listening environments	4
	Conversation in a crowd	
	Conversation in a small group	
	Music	
	Quiet	•
	Noise	•
	Conversation in quiet	•
	Conversation in noise	•
	Total streaming environments	2
	Media Control Speech	•
	Media Control Music	•
Sound optimization	**Sound Director**	•
	Speech intensifier	•
	Noise reduction	•
	Microphone features	•
Localization	**Sound Mapping**	•
	Personalized	
	Pinna Effect	•
Performance in challenging environments	**Speech Target Pro**	
	Speech FInder	
	Speech Lock	
	Speech Mapping	
	Speech Target 2	
Fine-tuning channels		12

Available in all technology levels

Sound Suite

› Pulse protector 2
› Wind control
› Feedback manager
› Natural Sound

Ease and convenience

› Made For All direct connectivity
› Rechargeable
› TV Connector
› Wireless synchronization
› Binaural Phone
› Telecoil

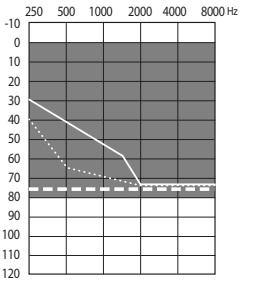
Fitting

› New first fit approach
› Automatic Adaptation Manager
› Frequency compression 2
› Tinnitus masker
› Music equalizer
› Manual programs
› IntelliVent

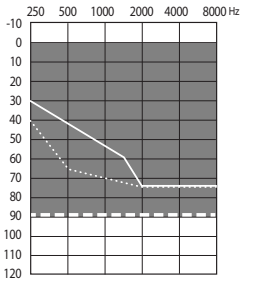
Innovations

› Trial
› Upgrade
› Capture All

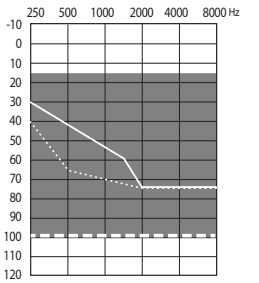
Fitting guides



S receiver



M receiver

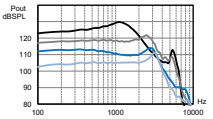
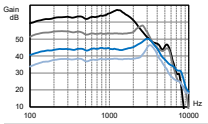
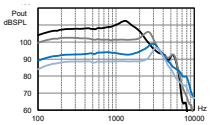
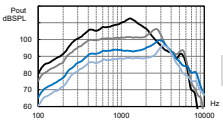


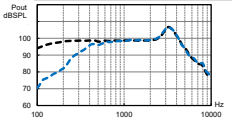
P receiver

The Audicus Wave is rated IP 68

Open dome/cap dome
Vented dome
Power dome or sleeve mold

2020-04 027-6523-02 CE 0543

	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data				
 OSPL90				
Maximum (dB SPL)	111	114	122	130
HFA - OSPL90 (dB SPL)	106	111	120	124
 Full on gain (input 50 dB SPL)				
Maximum (dB)	46	50	58	67
HFA - FOG (dB)	39	45	55	62
 Reference test setting (RTS)				
Frequency range (Hz)	‹100 - 8000	‹100 - 8000	‹100 - 6300	‹100 - 6000
Reference test gain (dB)	29	34	43	47
Typical battery life (h)	18	18	18	18
Equivalent input noise at RTS (dB SPL)	19	19	19	19
Total harmonic distortion at 500 Hz/800 Hz/1600 Hz/3200 Hz (%)	1.5/2.0/2.0/1.0	1.5/2.0/2.0/1.0	1.0/1.5/1.0/1.0	1.5/1.5/1.0/1.0
 Induction coil sensitivity (31.6 mA/m)				
HFA SPLIV / ETLS-RTLS (dB SPL/dB)	89/0	94/0	103/0	107/0
HFA MASL (1 mA/m at full on gain) (dB SPL)	69	76	84	92



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	M4/T4	M4/T4

Legend

Standard Power

Moderate Power

Power

Ultra Power

Test conditions

Lithium-Ion rechargeable battery; Source: voltage 3.8 V

The measurements obtained with a closed configuration using an HA-1 coupler (ANSI-3.7-1995).

The hearing instrument set to Aura:fit 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.

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