

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 Flinder	
	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

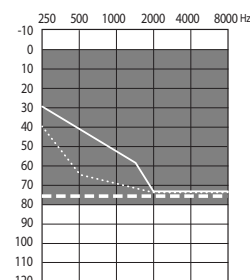
Fitting

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

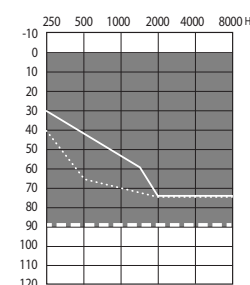
Innovations

- > Trial
- > Upgrade
- > Capture All

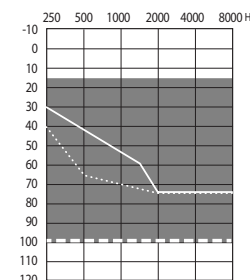
Fitting guides



S receiver



M receiver



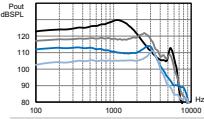
P receiver

— Open dome/cap dome
 . . . Vented dome
 - - - Power dome or sleeve mold

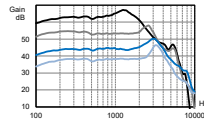
The Audicus Wave is rated IP 68

	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
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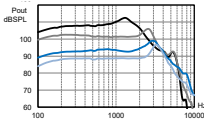
ANSI 3.22 2014/IEC 60118-0: 2015 2cc coupler technical data



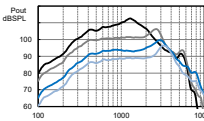
OSPL90	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
Maximum (dB SPL)	111	114	122	130
HFA - OSPL90 (dB SPL)	106	111	120	124



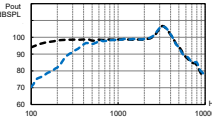
Full on gain (input 50 dB SPL)	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
Maximum (dB)	46	50	58	67
HFA - FOG (dB)	39	45	55	62



Reference test setting (RTS)	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
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)	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
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	Standard (S)	Moderate (M)	Power (P)	Ultra Power (UP)
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.
 We reserve the right to change specification data without notice as improvements are introduced.