

Shine™ Rev

Shine Rev 4 675 High Power BTE hearing aid



High Power

Performance profile

	Shine Rev 4
Channels / bands	4/8
Processing types	WDRC and linear
Adaptive directional	•
Fixed directional	•

Signature feature

AutoMic	•
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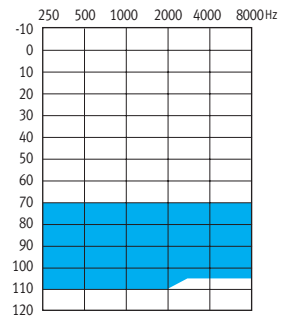
Features

Manual programs	Up to 4
Automatic Adaptation Manager	•
Noise reduction	3 settings
Speech enhancement	3 settings
Feedback manager	•
Natural Sound Balance	•
AntiShock	3 settings
Wind noise manager	3 settings
MyMusic	•
Telecoil	•
DAI	•
Data logging	•
IntelliVent technology for custom ear pieces	•
Plasma coating	•
IP57	•

Class

	High Power
Peak output / gain 2cc unfiltered earhook	139 / 78
Battery size	675

Fitting guides

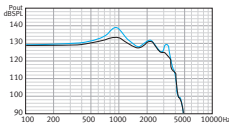
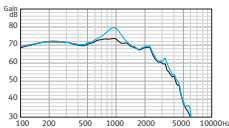
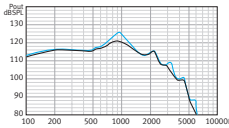
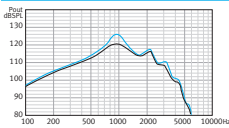
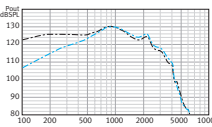


Shine Rev 4 HP BTE series

Filtered earhook
(standard)

Unfiltered earhook
(optional)

ANSI 3.22 2009/IEC 118-7 2005 2cc coupler technical data

	Reference test frequency - IEC 118-7 (kHz)	1.6	1.6
	OSPL₉₀		
	Maximum (dB SPL)	135	139
	Nominal (dB SPL)	132	137
	HFA - OSPL ₉₀ (dB SPL)	128	131
	at RTF (dB SPL)	127	127
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	74	78
	HFA - FOG (dB)	67	69
	at RTF (dB)	65	66
	Reference test setting (RTS)		
	Frequency range (Hz)	100-4600	100-4500
	Reference test gain (dB)	51	54
	Current drain at RTS (mA)	2.0	2.6
	Typical battery life (h)	320	320
	Equivalent input noise at RTS (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	4/2/1	4/2/1
	Induction coil sensitivity (31.6 mA/m)		
	HFA SPLITS/STS-RSETS (dB SPL/dB)	111/1	115/1
	Standard: mic at 70 dB SPL vs induction coil at 100 mA/m		
	— Mic		
	— Induction coil		

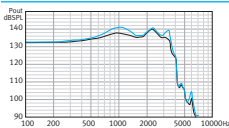
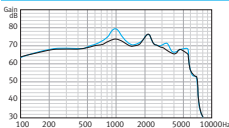
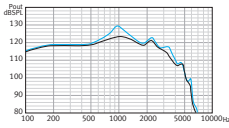
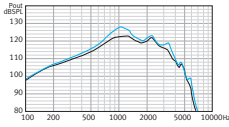
Electromagnetic compatibility

EMC immunity by ANSI c63.19-2001 EMC, omni/telecoil

M2/T2

M2/T2

IEC 118-o OES coupler technical data

	Reference test frequency - IEC 118-o (kHz)	1.6	1.6
	OSPL₉₀		
	Maximum (dB SPL)	137	141
	at RTF (dB SPL)	134	134
	Full on gain (input 50 dB SPL)		
	Maximum (dB)	77	82
	at RTF (dB)	72	73
	Basic frequency response		
	Frequency range (DIN 45605) (Hz)	< 100-4600	< 100-4300
	Reference test gain (dB)	58	59
	Current drain at RTG (mA)	1.3	1.3
	Typical battery life (h)	500	500
	Equivalent input noise at RTG (dB SPL)	19	19
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	5/3/2	5/3/2
	Induction coil sensitivity		
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	117	118

Electromagnetic compatibility

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

30/53/52

30/53/52

Legend

- Filtered earhook
- Unfiltered earhook

Test conditions

Battery size: 675; Source: voltage 1.3 V; Tubing: length 25 mm, inside diameter 1.93 mm
Hearing instrument set to Unitron TrueFit test settings.

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.