

# Shine™ Rev

## Shine Rev 4 13 High Power mini BTE hearing aid



High Power mini

### 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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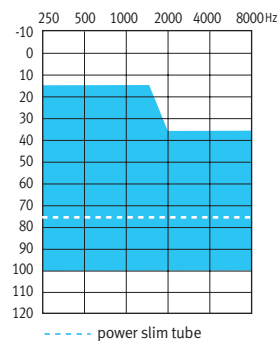
### Features

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 mini
Peak output / gain 2cc unfiltered earhook	137 / 72
Peak output / gain slim tube	135 / 70
Battery size	13

### Fitting guides



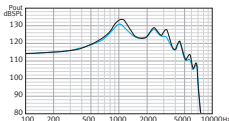
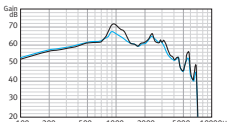
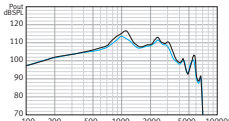
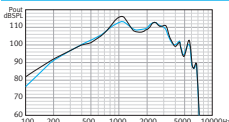
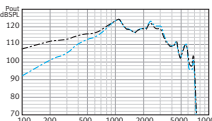
# Shine Rev 4 BTE series

Filtered earhook  
(standard)

Unfiltered earhook  
(optional)

Power tube  
(optional)

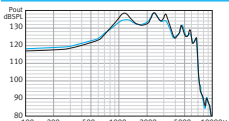
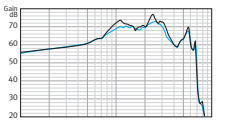
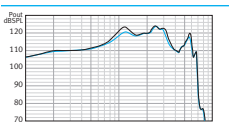
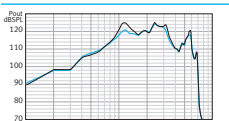
## ANSI 3.22 2009/IEC 118-7 2005 2cc coupler technical data

	Reference test frequency - IEC 118-7 (kHz)	1.6	1.6	1.6
	<b>OSPL90</b>			
	Maximum (dB SPL)	134	137	135
	Nominal (dB SPL)	131	134	132
	HFA - OSPL90 (dB SPL)	128	128	122
	at RTF (dB SPL)	123	123	116
	<b>Full on gain (input 50 dB SPL)</b>			
	Maximum (dB)	68	72	70
	HFA - FOG (dB)	64	64	58
	at RTF (dB)	58	58	57
	<b>Reference test setting (RTS)</b>			
	Frequency range (Hz)	100-6200	100-6200	100-6200
	Reference test gain (dB)	51	51	45
	Current drain at RTS (mA)	1.2	1.2	1.2
	Typical battery life (h)	258	258	258
	Equivalent input noise at RTS (dB SPL)	19	19	20
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	2.5/2/1	2.5/2/1	2.5/2/1
	<b>Induction coil sensitivity (31.6 mA/m)</b>			
	HFA SPLITS/STS-RSETS (dB SPL/dB)	111/0	111/0	103/1
	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	M2/T2
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## IEC 118-o OES coupler technical data

	Reference test frequency - IEC 118-o (kHz)	1.6	1.6	1.6
	<b>OSPL90</b>			
	Maximum (dB SPL)	139	139	135
	at RTF (dB SPL)	133	133	124
	<b>Full on gain (input 50 dB SPL)</b>			
	Maximum (dB)	73	77	71
	at RTF (dB)	69	68	62
	<b>Basic frequency response</b>			
	Frequency range (DIN 45605) (Hz)	100-6600	100-6900	100-6900
	Reference test gain (dB)	58	58	49
	Current drain at RTG (mA)	1.2	1.2	1.2
	Typical battery life (h)	258	258	258
	Equivalent input noise at RTG (dB SPL)	19	19	20
	Total harmonic distortion at 500 Hz/800 Hz/1600 Hz (%)	2.5/2/1	2.5/2/1	2.5/2/1
	<b>Induction coil sensitivity</b>			
	at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)	118	118	108
	Maximum (1 mA/m at full on gain) (dB SPL)	103	106	100
	at RTF (1 mA/m at full on gain) (dB SPL)	99	99	88
	<b>Electromagnetic compatibility</b>			
	EMC immunity by IEC 60118-13, 2011 field strength 90/50/35 V/m, omni IRIL low/medium/high band (dB SPL)	33/53/52	33/53/52	33/53/52

### Legend

- Unfiltered earhook
- Filtered earhook

### Test conditions

Battery size: 13; 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.