

# 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 | • |
|---------|---|

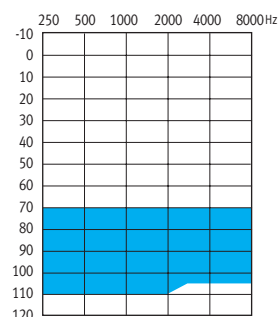
### Features

|  |            |
|--|------------|
| 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

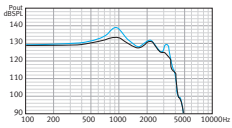
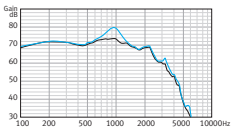
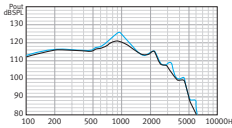
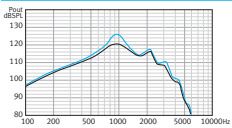
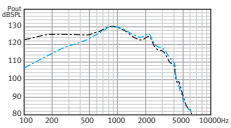


# Shine Rev 4 HP BTE series

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              |
|   |  | <b>OSPL90</b>  |                  |
| Maximum (dB SPL)  |  | 135  | 139              |
| Nominal (dB SPL)  |  | 132  | 137              |
| HFA - OSPL90 (dB SPL)   |  | 128  | 131              |
| at RTF (dB SPL)   |  | 127  | 127              |
|   |  | <b>Full on gain (input 50 dB SPL)</b>                    |                  |
| Maximum (dB)  |  | 74   | 78               |
| HFA - FOG (dB)  |  | 67   | 69               |
| at RTF (dB)   |  | 65   | 66               |
|   |  | <b>Reference test setting (RTS)</b>                      |                  |
| 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            |
|   |  | <b>Induction coil sensitivity (31.6 mA/m)</b>            |                  |
| HFA SPLITS/STS-RSETS (dBSPL/dB)   |  | 111/1  | 115/1            |
|  |  | Standard: mic at 70 dB SPL vs induction coil at 100 mA/m |                  |
|   |  | — Mic  | — Induction coil |

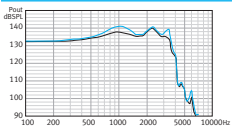
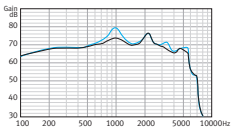
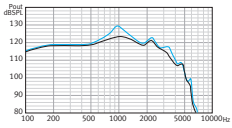
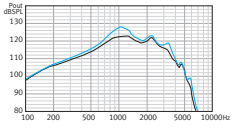
### Electromagnetic compatibility

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        |
|                       |  | <b>OSPL90</b>                         |            |
| Maximum (dB SPL)  |  | 137                                   | 141        |
| at RTF (dB SPL)   |  | 134                                   | 134        |
|                       |  | <b>Full on gain (input 50 dB SPL)</b> |            |
| Maximum (dB)  |  | 77                                    | 82         |
| at RTF (dB)   |  | 72                                    | 73         |
|                       |  | <b>Basic frequency response</b>       |            |
| 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      |
|                       |  | <b>Induction coil sensitivity</b>     |            |
| at RTF (graph shown for 31.6 mA/m at RTG) (dB SPL)  |  | 117                                   | 118        |
| <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) |  | 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.