



# ReSound Pulse™

## Product Information



### Product Description

Our groundbreaking open-fitting technologies launched a whole new category, leading the way to natural, comfortable, powerful open fittings for an emerging market of younger people. With ReSound Pulse we're taking this category to the next level.

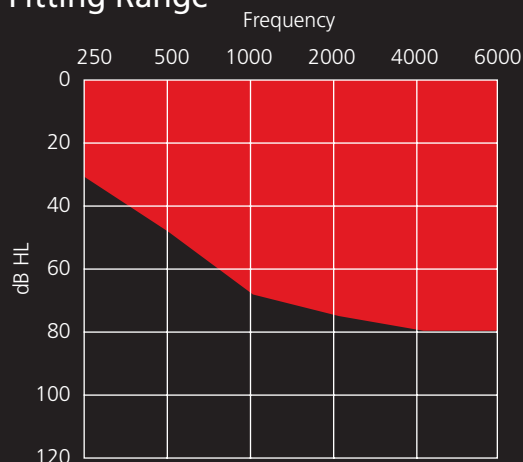
ReSound Pulse provides you with the stability you're looking for without sacrificing your user's speech intelligibility. And you can fit more of your clients without having to compromise on occlusion, sound quality, or the amplification levels they really need.

ReSound Pulse is also the only hearing instrument to offer the extra convenience of SuperTune™ intelligent rechargeability. So it's ideal for users who want the latest in attractive, high-performance, yet easy-to-live-with solutions.

### Key Features

- Warp™ high resolution compression
- New Stabilizer™ DFS system
- SuperTune™ intelligent rechargeability
- Directionality
- Environmental Steering automatic compressor tuning
- Virtual WindShield™ wind noise reduction
- Multi-band noise reduction
- Low-level expansion
- Low Battery Warning Indicator
- Onboard Analyzer™ DataLogging

### Fitting Range



### Standard Configuration

- Size 10A and 312 battery
- SmartStart power-up timer
- Battery door with integrated On/Off switch
- Sound tubes and domes in different sizes
- 8 standard and 9 effect colours

### Fitting Requirements

- Aventa fitting software (2.3 or higher)
- CS63 Flex Strip programming cable
- HI-PRO or NOAHlink interface (NOAHlink recommended)

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**pulse™**  
ReSound

# Model PU60

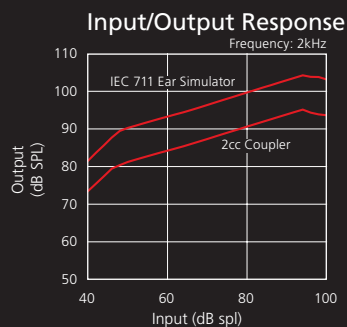
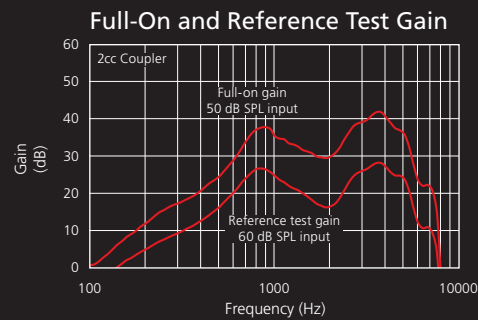
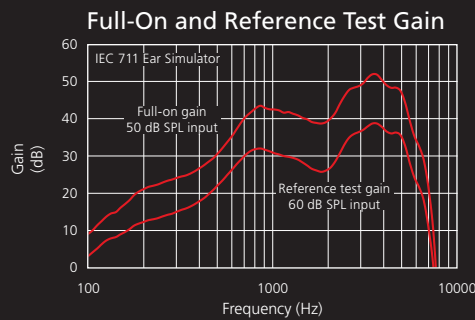
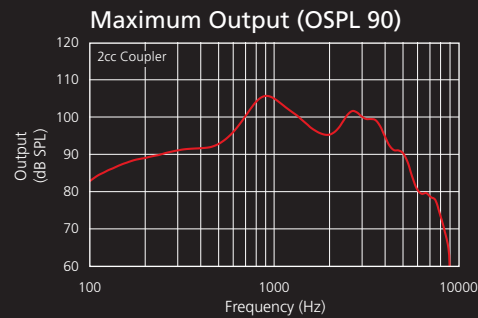
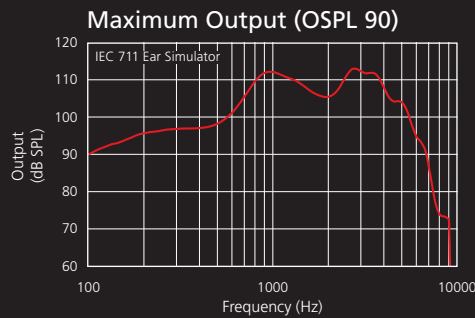
## Technical Specifications

IEC 60118-0  
IEC 711  
Ear Simulator

IEC 60118-7  
2cc Coupler

|  |                  |             |             |
|--|------------------|-------------|-------------|
| <b>Reference Test Gain (60 dB SPL Input)</b>       | 2500 Hz          | 34 dB       | 23 dB       |
| <b>Full-On Gain (50 dB SPL Input)</b>              | Max              | 54 dB       | 43 dB       |
|  | 2500 Hz          | 47 dB       | 37 dB       |
| <b>Maximum Output (90 dB SPL Input)</b>            | Max              | 113 dB SPL  | 106 dB SPL  |
|  | 2500 Hz          | 112 dB SPL  | 101 dB SPL  |
| <b>Total Harmonic Distortion</b>                   | 800 Hz           | 0.3 %       | 0.1 %       |
|  | 1600 Hz          | 0,6 %       | 0,4 %       |
| <b>Equivalent Input Noise, w/o Noise reduction</b> |                  | 23 dB SPL   | 22 dB SPL   |
| <b>Frequency Range (DIN 45605)</b>                 |                  | 200-7100 Hz | 100-7600 Hz |
| <b>Current Drain</b>                               |                  | 0.95 mA     | 0.95 mA     |
| <b>Typical Battery Life Time (rechargeable)</b>    | Battery type 312 | 24 hrs      | 24 hrs      |
|  | Battery type 10A | 12 hrs      | 12 hrs      |
| <b>Typical Battery Life Time (Zinc Air)</b>        | Battery type 312 | 173 hrs     | 173 hrs     |
|  | Battery type 10A | 94 hrs      | 94 hrs      |

Data in accordance with IEC 60118-0, IEC 60118-7; Supply Voltage 1.3 V.



### Full/On Gain Parameter Settings\*

|       |    |    |    |    |    |    |    |
|-------|----|----|----|----|----|----|----|
| G[50] | 35 | 35 | 35 | 40 | 40 | 40 | 40 |
| G[80] | 15 | 15 | 15 | 20 | 20 | 20 | 20 |

### Reference Test Gain Parameter Settings\*

|       |    |    |    |    |    |    |    |
|-------|----|----|----|----|----|----|----|
| G[50] | 28 | 28 | 28 | 33 | 33 | 33 | 33 |
| G[80] | 8  | 8  | 8  | 13 | 13 | 13 | 13 |

\*Settings in accordance with Aventa fitting software