

REAL RE-9

Digital mini-BTE with ISP™ and Dynamic Integrator™



REAL RE-9 with unique features including:

Dynamic Integrator™

- Integration and storage of knowledge
- 3 bands/3 channels

Sound analysis

- Speech and noise tracer
- S/N ratio tracer
- Spatial sound tracer
- Spatial feedback tracer

Sound processing

- Enhanced Dynamic Range Compression
- Locator
- Feedback cancelling
- Classic noise reduction

System optimiser

- Battery monitor
- EcoTech II
- Multi-point microphone matching
- DAI auto-detect
- Telecoil

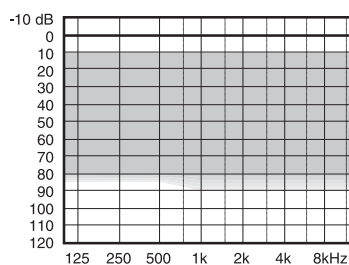
Fitting

- Basic Sensogram



REAL is the first hearing aid in the basic segment to introduce Integrated Signal Processing™.

Suggested fitting range

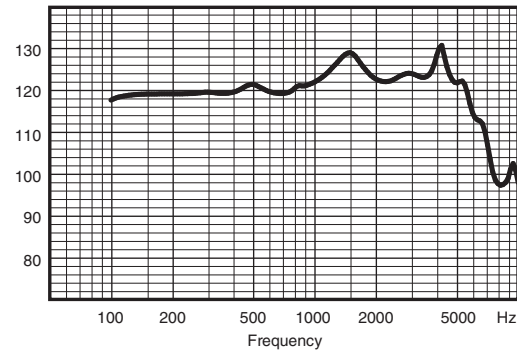


REAL RE-9

Maximum output - Ear simulator

IEC 60118-0

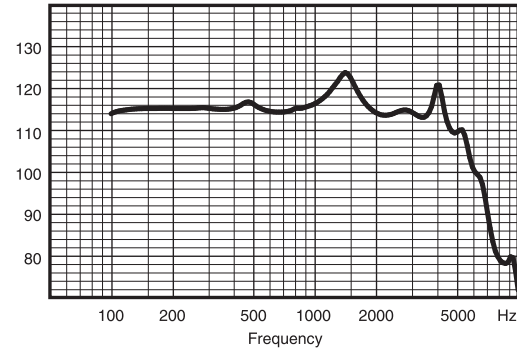
Output dB SPL



Maximum output - 2cc coupler

IEC 60118-7 / ANSI S3.22-2003

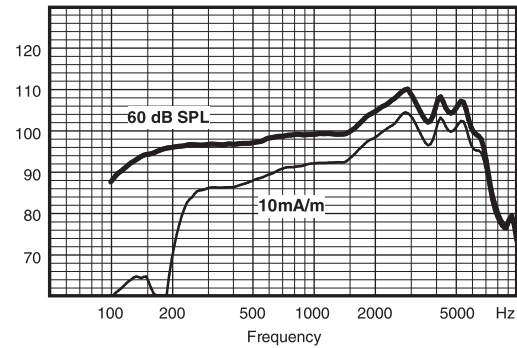
Output dB SPL



Output - Ear simulator

IEC 60118-0

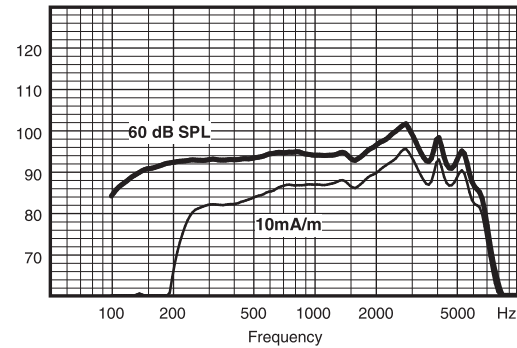
Output dB SPL



Output - 2cc coupler

IEC 60118-7 / ANSI S3.22-2003

Output dB SPL



Technical data Typical data obtained through standard pure tone measurements.
Hearing aid set to Compass Test mode 1, unless stated otherwise.
Measured using a normal hook and standard BTE coupler.

| | | IEC 60118-0 | ANSI S3.22-2003 / IEC 60118-7 |
|--|---------|---------------------|----------------------------------|
| OSPL90 | 2500 Hz | 123 dB SPL | 114 dB SPL |
| | Peak | 131 dB SPL | 124 dB SPL |
| | Average | 122 dB SPL | 117 dB SPL |
| Acoustic output (Input 60 dB SPL) | 2500 Hz | 108 dB SPL | 100 dB SPL |
| | Peak | 111 dB SPL | 102 dB SPL |
| | Average | 101 dB SPL | 96 dB SPL |
| Max gain (Input 50 dB SPL, Compass Max gain test mode) | 2500 Hz | 65 dB | 56 dB |
| | Peak | 65 dB | 57 dB |
| | Average | 58 dB | 51 dB |
| Telecoil output (Input 10 mA/m) | 2500 Hz | 102 dB SPL | 93 dB SPL |
| | Peak | 105 dB SPL | 96 dB SPL |
| | Average | 93 dB SPL | 89 dB SPL |
| Frequency range | | 100 Hz - 7500 Hz | 100 Hz - 7150 Hz |
| Harmonic distortion (Input 70 dB SPL) | 500 Hz | 0.9% | 0.6% |
| | 800 Hz | 0.4% | 0.3% |
| | 1600 Hz | 0.4% | 0.2% |
| Equivalent input noise | | 21 dB SPL | 25 dB SPL |
| Battery drain (stand by) | | 0.75 mA | 0.75 mA |
| Battery drain | | 0.75 mA | 0.75 mA |
| Battery life / hours (Type 13 Zn-Air, 270 mAh) | | 370 (>290) | 355 (>280) |
| Mobile phone immunity | | IRIL: -33/-8 dB SPL | U-rating: M3 / T3 |

