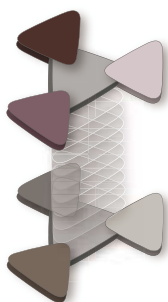


mind440 m4-m-CB

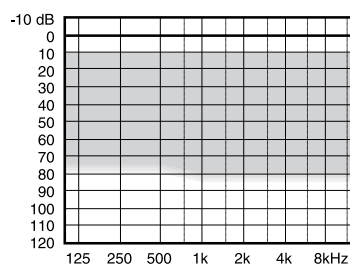
Digital micro-BTE with Dual ISP



mind440 is the first hearing aid on the market to introduce Dual Integrated Signal Processing

Minimal to moderately severe hearing losses

Suggested fitting range



Dual Integrated Signal Processing

- Dual layer integration of knowledge and performance
- Dynamic Integrator™
- Listening layer
- Awareness layer
- 15 frequency bands
- 15 compression channels

Main listening features

- HD Locator™
- Audibility Extender™
- Multi-directional Active Feedback Cancelling
- Speech Enhancer™
- TruSound™ compression system with EDRC

Main awareness features

Fractal generator

- Fractal computation
- Melody composition

Signal integrity

- High definition program handling

Speech and sound synthesis

- SmartSpeak™ generator
- SmartTone generator

Hearing aid characteristics

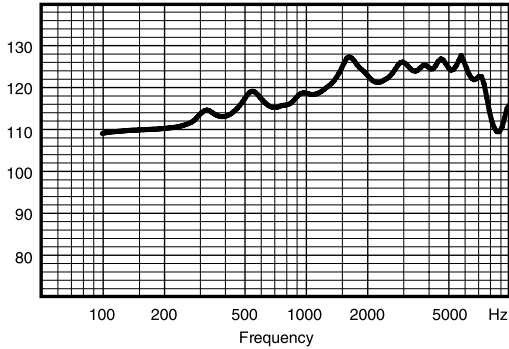
- Optional remote control
- Optional program button
- ClearBand receiver

mind440 m4-m-CB

Maximum output - Ear simulator

IEC 60118-0

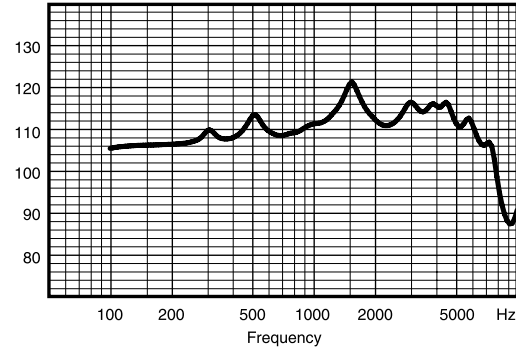
Output dB SPL



Maximum output - 2cc coupler

IEC 60118-7 / ANSI S3.22-2003

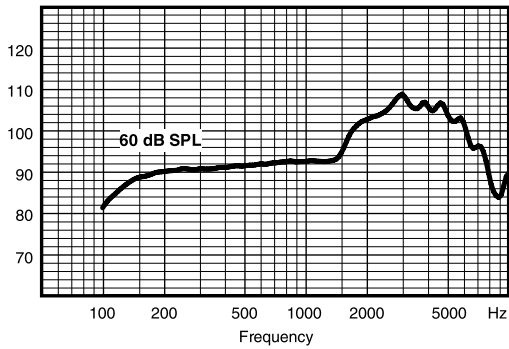
Output dB SPL



Output - Ear simulator

IEC 60118-0

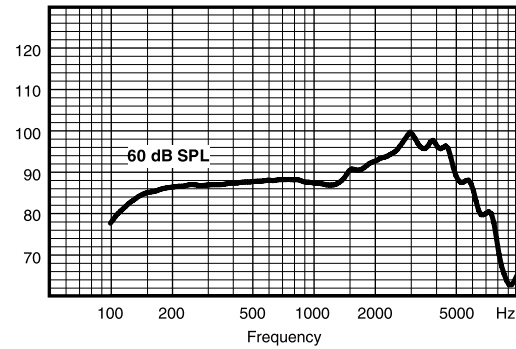
Output dB SPL



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 | 122 dB SPL | 112 dB SPL |
| | Peak | 128 dB SPL | 122 dB SPL |
| | Average | 120 dB SPL | 115 dB SPL |
| Acoustic output (Input 60 dB SPL) | 2500 Hz | 105 dB SPL | 95 dB SPL |
| | Peak | 109 dB SPL | 100 dB SPL |
| | Average | 96 dB SPL | 91 dB SPL |
| Max gain (Input 50 dB SPL, Compass Max gain test mode) | 2500 Hz | 63 dB | 53 dB |
| | Peak | 65 dB | 55 dB |
| | Average | 56 dB | 50 dB |
| Frequency range | | 100 Hz - 10000 Hz | 100 Hz - 8150 Hz |
| Harmonic distortion (Input 70 dB SPL) | 500 Hz | 1.5% | 1.2% |
| | 800 Hz | 2.6% | 2% |
| | 1600 Hz | 0.3% | 0.3% |
| Equivalent input noise | | 21 dB SPL | 24 dB SPL |
| Battery drain (stand by) | | 0.8 mA | 0.8 mA |
| Battery drain | | 0.8 mA | 0.85 mA |
| Battery life / hours (Type 10 Zn-Air, 90 mAh) | | 110 (>90) | 105 (>85) |
| Mobile phone immunity | | IRIL: -37/-8 dB SPL | U-rating: M3 |

