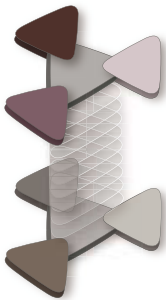


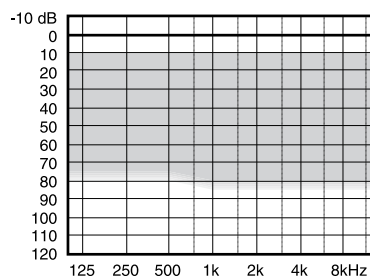
## Digital micro-BTE with Dual ISP



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

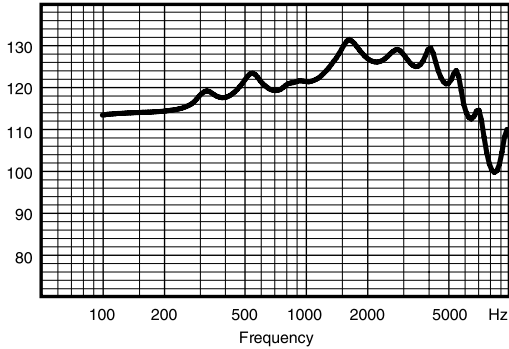
- Optional remote control
- Optional program button

# mind440 m4-m

## Maximum output - Ear simulator

IEC 60118-0

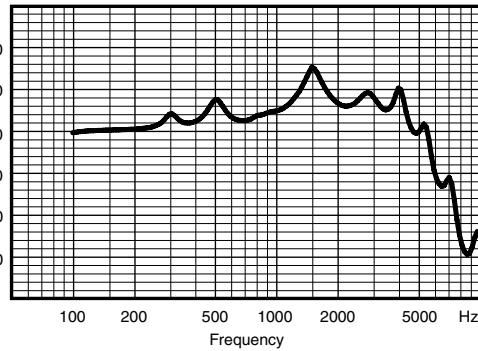
Output dB SPL



## Maximum output - 2cc coupler

IEC 60118-7 / ANSI S3.22-2003

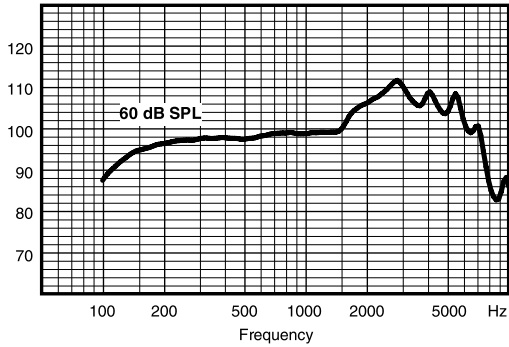
Output dB SPL



## Output - Ear simulator

IEC 60118-0

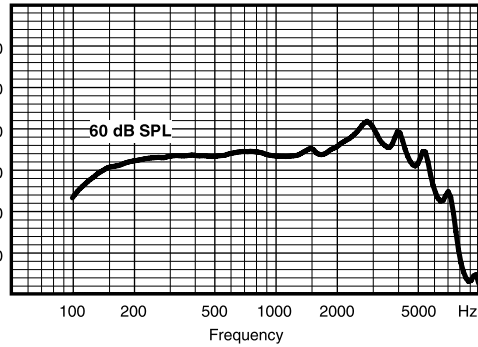
Output dB SPL



## 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	128 dB SPL	117 dB SPL
	Peak	132 dB SPL	126 dB SPL
	Average	124 dB SPL	119 dB SPL
Acoustic output (Input 60 dB SPL)	2500 Hz	110 dB SPL	99 dB SPL
	Peak	112 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	66 dB	56 dB
	Peak	67 dB	58 dB
	Average	57 dB	52 dB
Frequency range		100 Hz - 8100 Hz	100 Hz - 7700 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	2%	1.7%
	800 Hz	2.6%	2.2%
	1600 Hz	0.2%	0.2%
Equivalent input noise		20 dB SPL	23 dB SPL
Battery drain (stand by)		0.8 mA	0.8 mA
Battery drain		0.8 mA	0.8 mA
Battery life / hours (Type 10 Zn-Air, 90 mAh)		115 (>90)	110 (>90)
Mobile phone immunity		IRIL: -37/-10 dB SPL	U-rating: M3

