

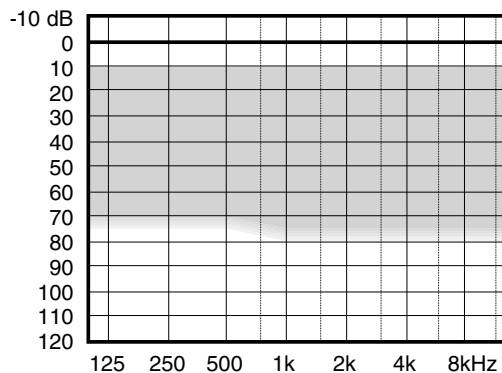
DIGITAL CIC/IIC WITH DUAL ISP



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

- Audibility Extender™
- 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

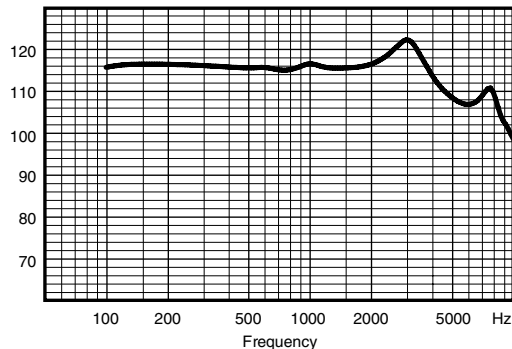
- Optional remote control for CIC

mind440 m4-CIC/IIC

MAXIMUM OUTPUT - EAR SIMULATOR

IEC 60118-0

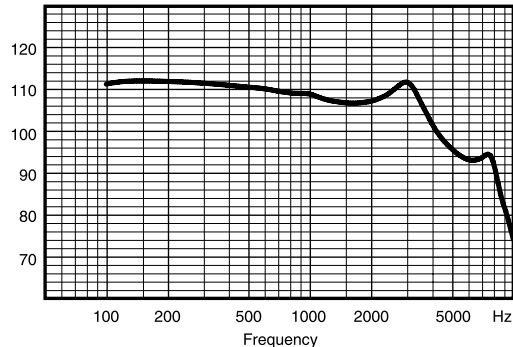
Output dB SPL



MAXIMUM OUTPUT - 2CC COUPLER

IEC 60118-7 / ANSI S3.22-2003

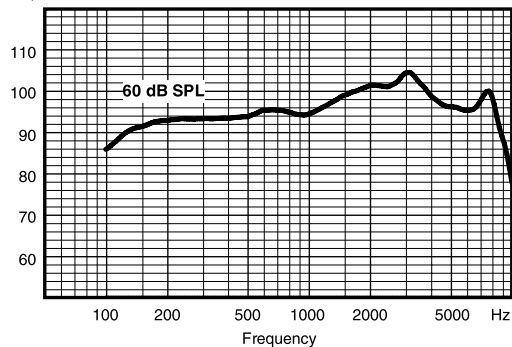
Output dB SPL



OUTPUT - EAR SIMULATOR

IEC 60118-0

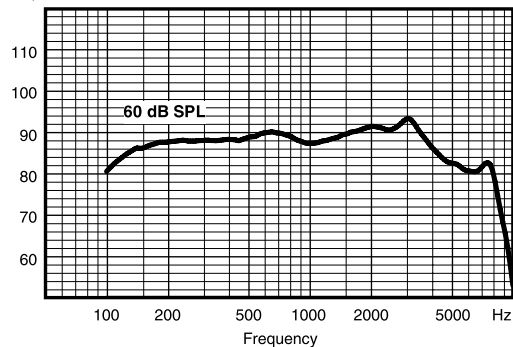
Output dB SPL



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 standard ITE coupler.

		IEC 60118-0	ANSI S3.22-2003 / IEC 60118-7
OSPL90	2500 Hz	120 dB SPL	110 dB SPL
	Peak	123 dB SPL	112 dB SPL
	Average	116 dB SPL	109 dB SPL
Acoustic output (Input 60 dB SPL)	2500 Hz	102 dB SPL	91 dB SPL
	Peak	105 dB SPL	94 dB SPL
	Average	97 dB SPL	90 dB SPL
Max gain (Input 50 dB SPL, Compass Max gain test mode)	2500 Hz	55 dB	43 dB
	Peak	61 dB	51 dB
	Average	56 dB	48 dB
Frequency range		100 Hz - 9750 Hz	100 Hz - 8900Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	0.6%	0.5%
	800 Hz	0.6%	0.4%
	1600 Hz	1%	0.7%
Equivalent input noise		25 dB SPL	24 dB SPL
Battery drain (stand by)		0.7 mA	0.7 mA
Battery drain		0.7 mA	0.75 mA
Battery life / hours (Type 10 Zn-Air, 90 mAh)		125 (>100)	125 (>95)
Mobile phone immunity		IRIL: -32/-18 dB SPL	U-rating: M3

