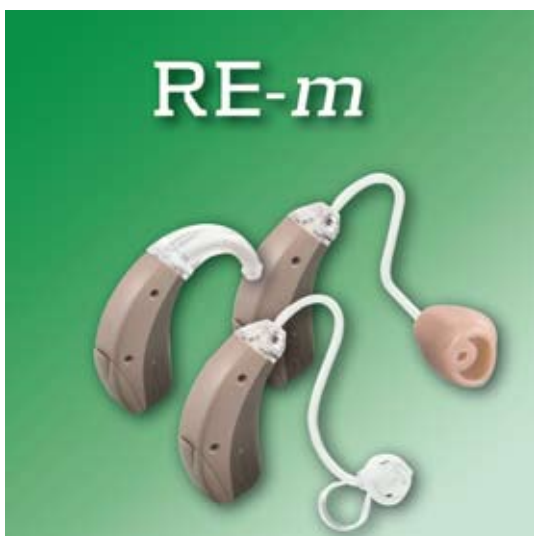


Digital micro-BTE with ISP™ and Dynamic Integrator™



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

REAL RE-*m* 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

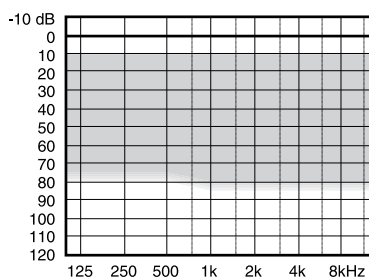
System optimiser

- Battery monitor
- EcoTech II
- Multi-point microphone matching

Fitting

- Basic Sensogram

Suggested fitting range

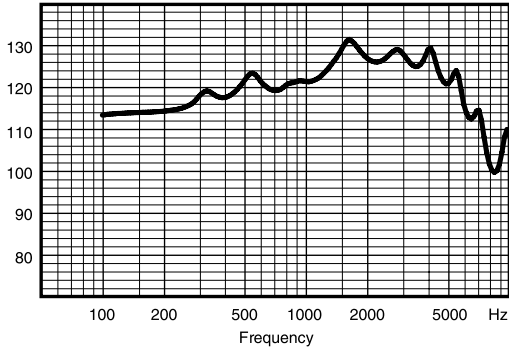


REAL RE-m

Maximum output - Ear simulator

IEC 60118-0

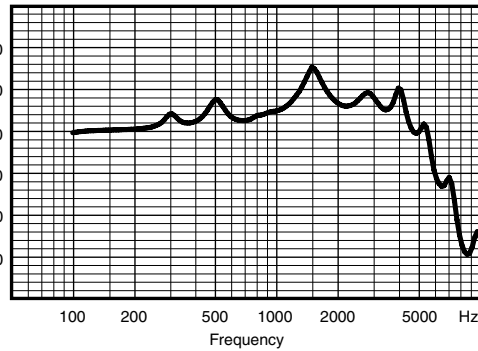
Output dB SPL



Maximum output - 2cc coupler

IEC 60118-7 / ANSI S3.22-2003

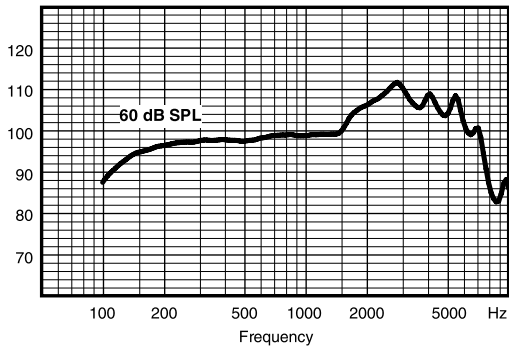
Output dB SPL



Output - Ear simulator

IEC 60118-0

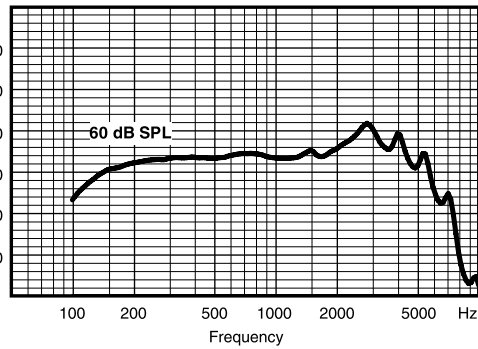
Output dB SPL



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)		0.7 mA	0.7 mA
Battery drain		0.7 mA	0.7 mA
Battery life / hours (Type 10 Zn-Air, 90 mAh)		130 (>100)	125 (>100)
Mobile phone immunity		IRIL: -37/-10 dB SPL	U-rating: M3

