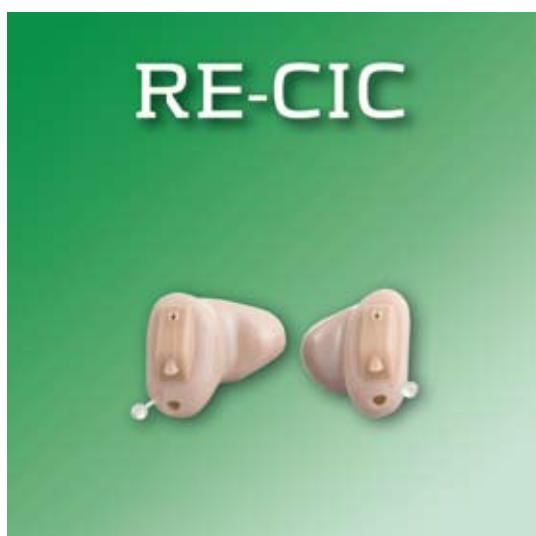


# Digital CIC with ISP™ and Dynamic Integrator™



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

## REAL RE-CIC 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
- Feedback tracer

### Sound processing

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

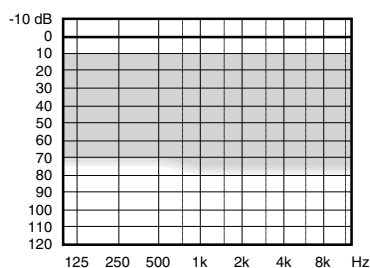
### System optimiser

- Battery monitor
- EcoTech II

### Fitting

- Basic Sensogram

## Suggested fitting range

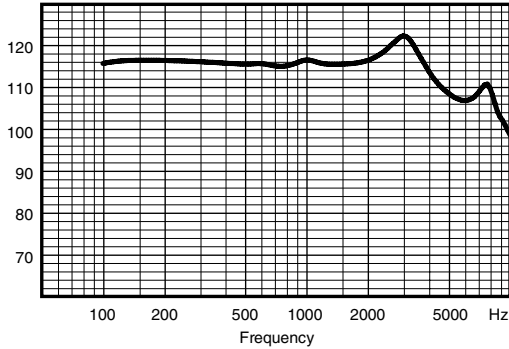


# REAL RE-CIC

## Maximum output - Ear simulator

IEC 60118-0

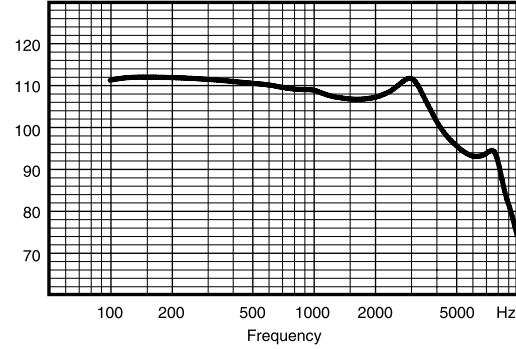
Output dB SPL



## Maximum output - 2cc coupler

IEC 60118-7 / ANSI S3.22-2003

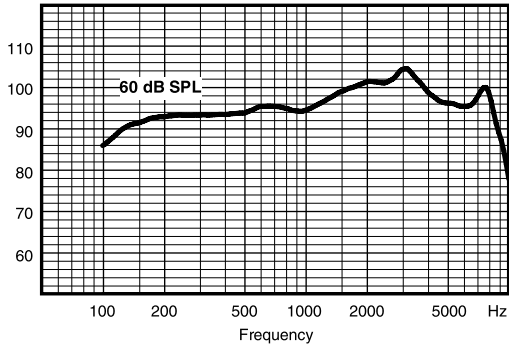
Output dB SPL



## Output - Ear simulator

IEC 60118-0

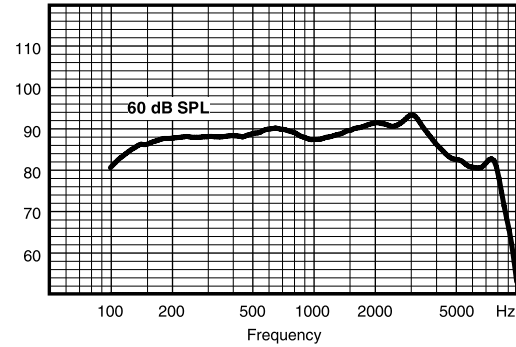
Output dB SPL



## 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)		0.6 mA	0.6 mA
Battery drain		0.6 mA	0.65 mA
Battery life / hours (Type 10 Zn-Air, 90 mAh)		150 (>110)	145 (>110)
Mobile phone immunity		IRIL: -32/-18 dB SPL	U-rating: M3

