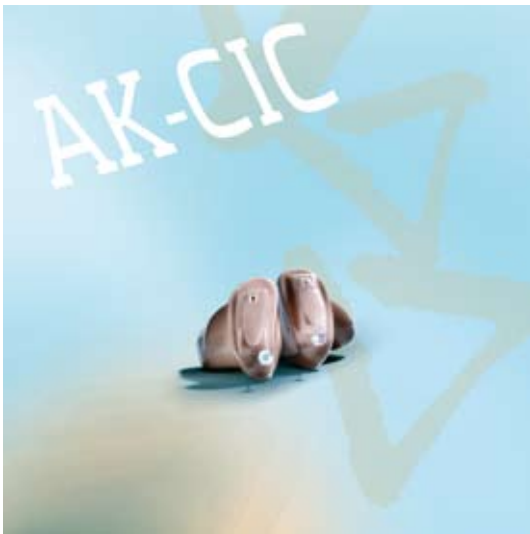


Digital CIC with Integrated Signal Processing™ and Dynamic Integrator™



AIKIA is the first hearing aid on the mid range market to introduce Integrated Signal Processing™.

AIKIA AK-CIC with unique features including:

Dynamic Integrator™

- Integration and storage of knowledge

Detailed Sound Analysis

- Sound Diary
- Speech and noise tracer
- S/N ratio tracer
- Feedback tracer

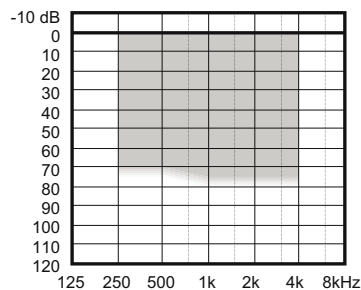
Flexible Sound Processing

- Active feedback cancelling
- Speech Intensification System
- Enhanced Dynamic Range Compression

Automatic System Optimiser

- Battery monitor
- EcoTech II

Suggested fitting range

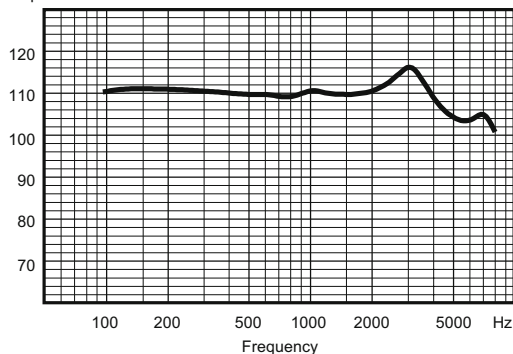


AIKIA AK-CIC

Maximum output - Ear simulator

IEC 60118-0

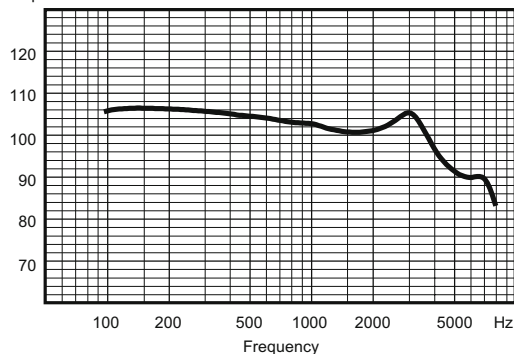
Output dB SPL



Maximum output - 2cc coupler

IEC 60118-7 / ANSI S3.22 (2003)

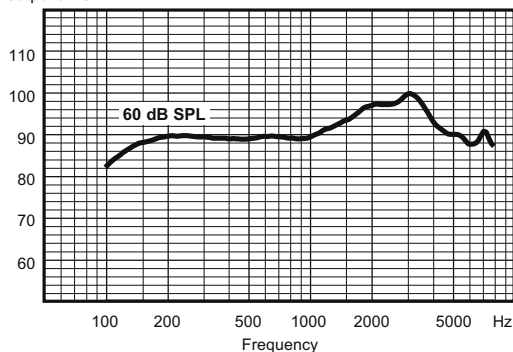
Output dB SPL



Output - Ear simulator

IEC 60118-0

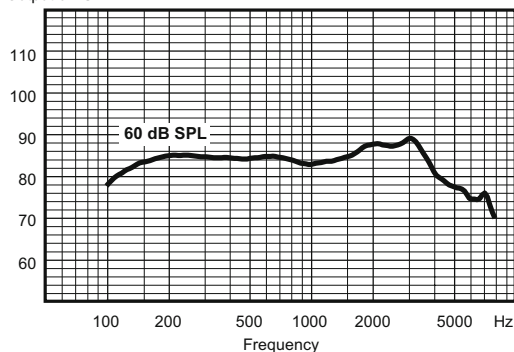
Output dB SPL



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 linear test mode.

		IEC 60118-0	IEC 60118-7	ANSI S3.22 (2003)
OSPL90	1600 Hz	110 dB SPL	101 dB SPL	101 dB SPL
	Peak	116 dB SPL	107 dB SPL	107 dB SPL
	Average	110 dB SPL	103 dB SPL	1 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	94 dB SPL	85 dB SPL	85 dB SPL
	Peak	100 dB SPL	89 dB SPL	89 dB SPL
	Average	92 dB SPL	85 dB SPL	85 dB SPL
Max. gain (special measurement)	1600 Hz	59 dB	50 dB	50 dB
	Peak	60 dB	51 dB	51 dB
	Average	57 dB	50 dB	49 dB
Frequency range		100 Hz - 9700 Hz	100 Hz - 8050 Hz	100 Hz - 8600 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	0.2%	0.2%	0.2%
	800 Hz	0.6%	0.3%	0.3%
	1600 Hz	0.6%	0.5%	0.5%
Equivalent input noise		26 dB SPL	26 dB SPL	26 dB SPL
Battery drain (stand by)		0.6 mA	0.6 mA	0.6 mA
Battery drain		0.6 mA	0.6 mA	0.6 mA
Battery life / hours (Type 10 Zn-Air, 70 mAh)		120 (>90)	120 (>90)	120 (>90)
IRIL, IEC 60118-13 (3 / 2 V/m)		-39/-37 dB SPL		

