

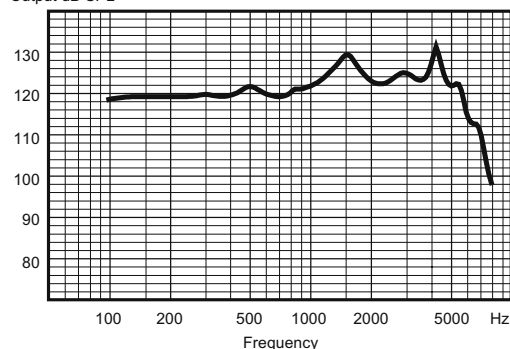


# AIKIA AK-9

## Maximum output - Ear simulator

IEC 60118-0

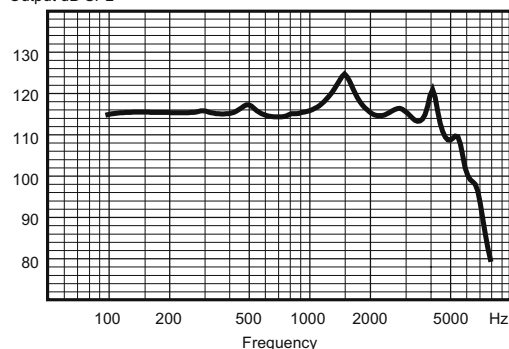
Output dB SPL



## Maximum output - 2cc coupler

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

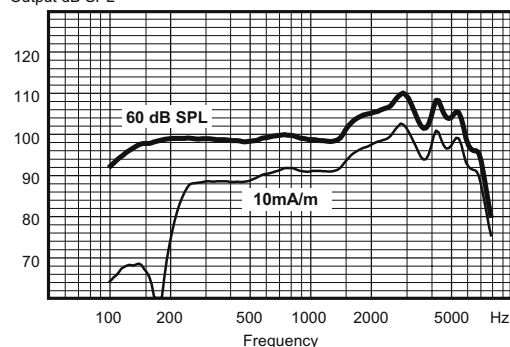
Output dB SPL



## Output - Ear simulator

IEC 60118-0

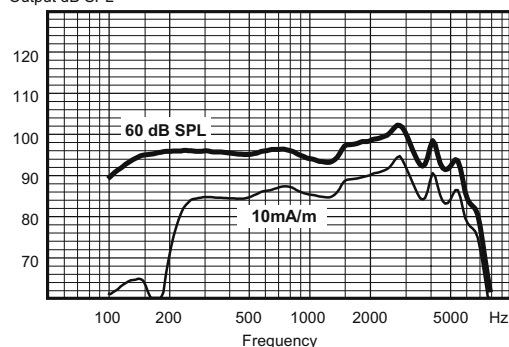
Output dB SPL



## 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	129 dB SPL	123 dB SPL	123 dB SPL
	Peak	131 dB SPL	125 dB SPL	125 dB SPL
	Average	122 dB SPL	116 dB SPL	118 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	103 dB SPL	98 dB SPL	98 dB SPL
	Peak	111 dB SPL	103 dB SPL	103 dB SPL
	Average	101 dB SPL	96 dB SPL	98 dB SPL
Max gain (special measurement)	1600 Hz	57 dB	51 dB	51 dB
	Peak	66 dB	58 dB	58 dB
	Average	58 dB	52 dB	51 dB
Telecoil output (Input 10 mA/m)	1600 Hz	95 dB SPL	89 dB SPL	89 dB SPL
	Peak	103 dB SPL	95 dB SPL	95 dB SPL
	Average	93 dB SPL	87 dB SPL	89 dB SPL
Frequency range		100 Hz - 7550 Hz	100 Hz - 6900 Hz	100 Hz - 7100 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	0.6%	0.5%	0.5%
	800 Hz	1.3%	1.3%	1.3%
	1600 Hz	0.2%	0.1%	0.1%
Equivalent input noise		26 dB SPL	26 dB SPL	26 dB SPL
Battery drain (stand by)		0.7 mA	0.7 mA	0.7 mA
Battery drain		0.75 mA	0.75 mA	0.75 mA
Battery life / hours (Type 13 Zn-Air, 270 mAh)		370 (>290)	370 (>290)	370 (>290)
IRIL, IEC 60118-13 (3 / 2 V/m)			-29/-4 dB SPL	

