

Digital mini-BTE with Integrated Signal Processing™ and Dynamic Integrator™



Flash™ is the first easily affordable hearing aid on the market to introduce Integrated Signal Processing™.

Flash FL-9 with unique features including:

Dynamic Integrator™

- Integration and storage of knowledge

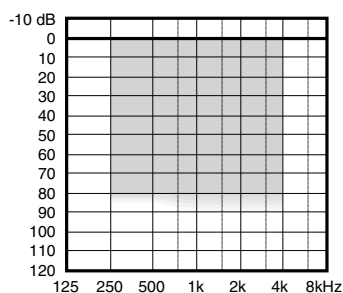
Easy Integrated Signal Processing

- 5 bands/5 channels
- Sound Diary with long-term data logging
- Speech and noise tracer
- S/N ratio tracer
- Feedback tracer
- Spatial sound tracer
- Flash Locator
- Flash feedback cancelling
- Speech Intensification System (active noise reduction)
- Enhanced Dynamic Range Compression
- Battery monitor
- EcoTech II
- Multi-point microphone matching
- DAI auto-detect

Easy fitting

- Sensogram

Suggested fitting range

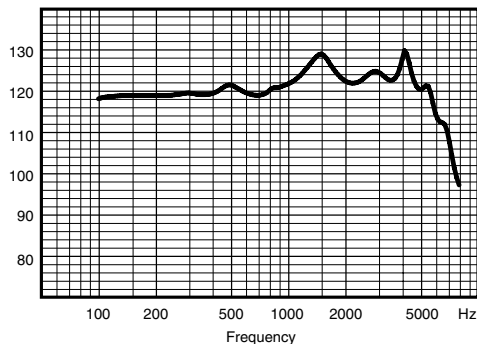


Flash FL-9

Maximum output - Ear simulator

IEC 60118-0

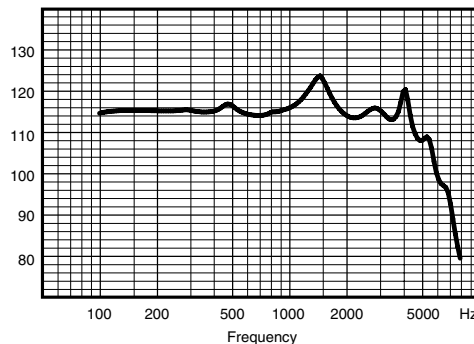
Output dB SPL



Maximum output - 2cc coupler

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

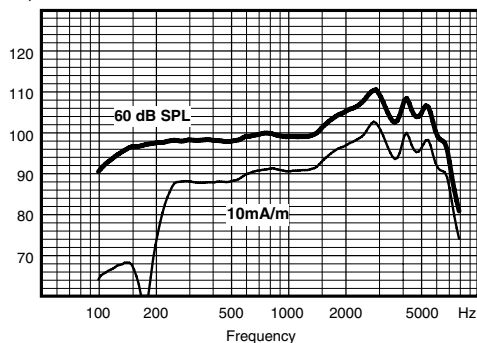
Output dB SPL



Output - Ear simulator

IEC 60118-0

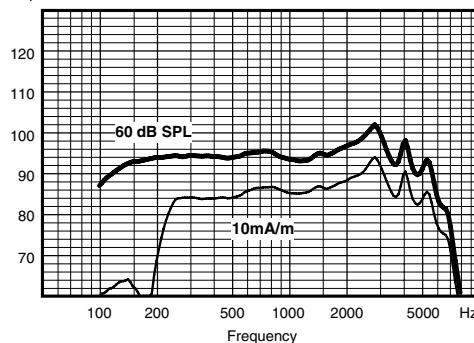
Output dB SPL



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	128 dB SPL	121 dB SPL	121 dB SPL
	Peak	130 dB SPL	124 dB SPL	124 dB SPL
	Average	122 dB SPL	116 dB SPL	117 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	102 dB SPL	95 dB SPL	95 dB SPL
	Peak	111 dB SPL	102 dB SPL	102 dB SPL
	Average	101 dB SPL	95 dB SPL	96 dB SPL
Max. gain (special measurement)	1600 Hz	57 dB	49 dB	49 dB
	Peak	65 dB	57 dB	57 dB
	Average	58 dB	52 dB	51 dB
Telecoil output (Input 10 mA/m)	1600 Hz	94 dB SPL	86 dB SPL	86 dB SPL
	Peak	103 dB SPL	94 dB SPL	94 dB SPL
	Average	92 dB SPL	86 dB SPL	88 dB SPL
Frequency range		100 Hz - 7500 Hz	100 Hz - 6950 Hz	100 Hz - 7150 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	0.6%	0.3%	0.3%
	800 Hz	0.9%	0.7%	0.7%
	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	

