

Passion PA-105

Smallest RIC with Integrated Signal Processing™



Widex RIC features:

- 10 kHz bandwidth
- Stable Sound Delivery
- Sound Harmony
- Closed, vented and open fittings
- Instant and custom receiver ear-tips

Integrated Signal Processing™:

Sound processing in 5 channels:

- Broadband Locator
- Feedback Cancelling
- Classic Noise Reduction with SIS
- Enhanced Dynamic Range Compression (EDRC)

Sound analysis in 5 bands:

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

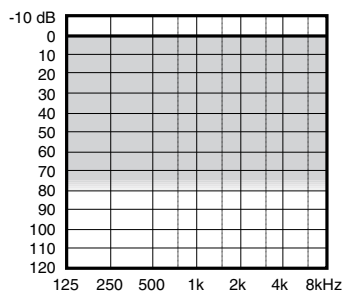
System optimiser:

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



PA-105 – discreet,
stylish and affordable

Suggested fitting range

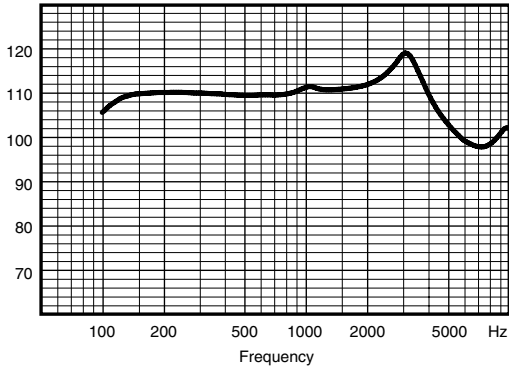


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Maximum output - Ear simulator

IEC 60118-0

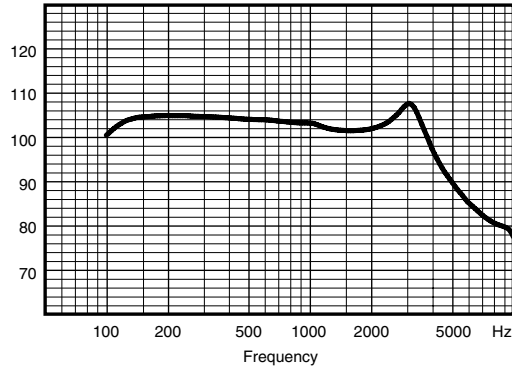
Output dB SPL



Maximum output - 2cc coupler

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

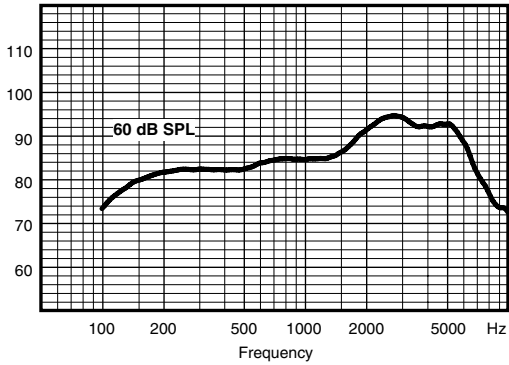
Output dB SPL



Output - Ear simulator

IEC 60118-0

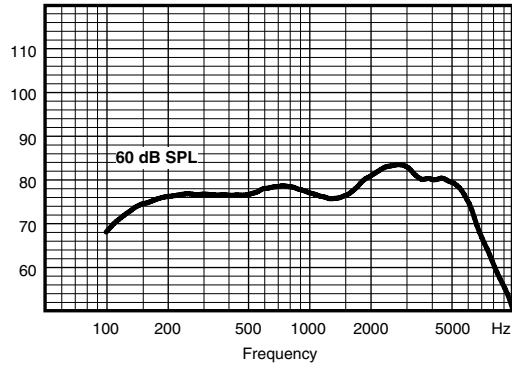
Output dB SPL



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, unless stated otherwise

		IEC 60118-0	ANSI S3.22-2003 / IEC 60118-7
OSPL90	2500 Hz	115 dB SPL	104 dB SPL
	Peak	119 dB SPL	108 dB SPL
	Average	111 dB SPL	103 dB SPL
Acoustic output (Input 60 dB SPL)	2500 Hz	95 dB SPL	83 dB SPL
	Peak	95 dB SPL	84 dB SPL
	Average	86 dB SPL	79 dB SPL
Max gain (fixed max gain setting)	2500 Hz	63 dB	52 dB
	Peak	64 dB	53 dB
	Average	59 dB	51 dB
Frequency range		100 Hz - 10000 Hz	100 Hz - 8400 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	0.5%	0.3%
	800 Hz	0.5%	0.3%
	1600 Hz	0.7%	0.5%
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)		125 (>100)	125 (>100)
Mobile phone immunity		IRIL: -21/1 dB SPL	U-rating: M4

