

advance - CIC

Performance level: 152/252/352/552/652/852



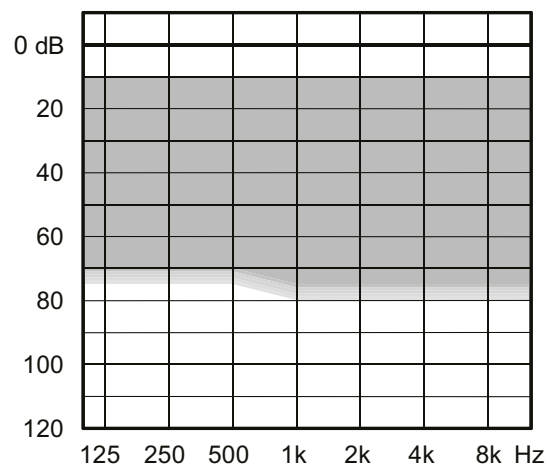
The CIC is based upon the new Technology Platform with Sound Class Technology for automated classification of sound environments and optimal sound processing determined by the sound classes.

With wireless connectivity technology, and compatible with the DEX assistive listening devices.

Uses a size 10 battery.

Minimal to moderately severe hearing losses.

Suggested fitting range

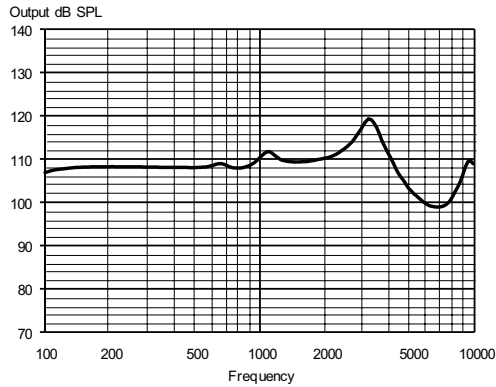


	152	252	352	552	652	852
Processing channels and fine tuning channels	4	4	4	6	10	15
TruSound Softener				Yes	Yes	Yes
Audibility Extender			Yes	Yes	Yes	Yes
Soft-level noise reduction			Yes	Yes	Yes	Yes
Zen			Yes	InterEar	InterEar	InterEar
Preference control		Yes*	Yes*	Yes*	Yes*	Yes*
Connectivity and wireless compatibility		via DEX	via DEX	via DEX	via DEX	via DEX
Sound Class Technology	1	1	1	3	5 (InterEar)	9 (InterEar)
Focus Mode	Yes	Yes	Omni	Omni	Omni	Omni
Number of programs	1	3	3	3	4	5
Variable Speed Compression	Classic	Classic	Yes	Yes/InterEar	Yes/InterEar	Yes/InterEar
Speech Enhancer and Noise Reduction	minimal	Comfort	Comfort	Noise Reduction	Speech Enhancer	RT Speech Enhancer
Program selectable	4	5	6	9	10	12

*Via DEX

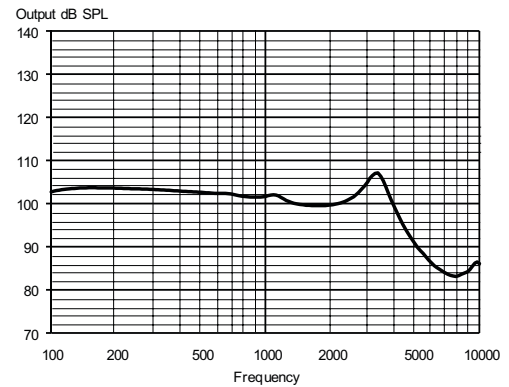
Maximum output - Ear simulator

IEC 60118-0



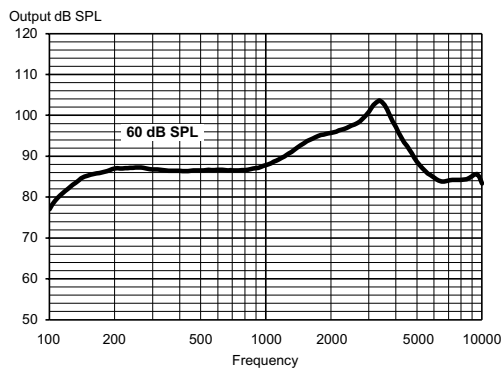
Maximum output - 2cc coupler

IEC 60118-7



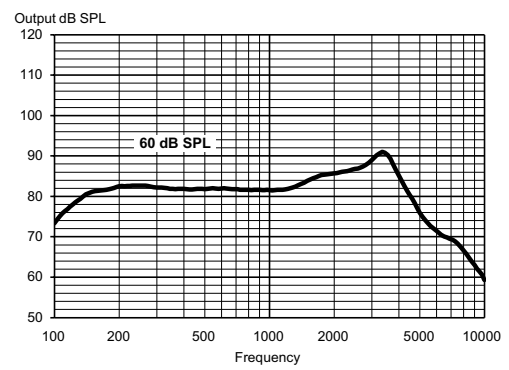
Output - Ear simulator

IEC 60118-0



Output - 2cc coupler

IEC 60118-7



Technical data

Typical data obtained through standard pure tone measurements. Hearing aid set to Compass Reference Test Gain, unless stated otherwise. Measured using a standard ITE coupler without wax guard, and with a 5 x 1.55mm tube.

		IEC 60118-0	IEC 60118-7
OSPL90	1600 Hz	109 dB SPL	100 dB SPL
	Peak	118 dB SPL	107 dB SPL
	Average	109 dB SPL	101 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	94 dB SPL	84 dB SPL
	Peak	103 dB SPL	91 dB SPL
	Average	90 dB SPL	84 dB SPL
Full-on gain (Input 50 dB SPL, Compass Full-on gain)	1600 Hz	58 dB	49 dB
	Peak	60 dB	53 dB
	Average	57 dB	49 dB
Frequency range		100 Hz - 10000 Hz	100 Hz - 8600 Hz
Harmonic distortion	500 Hz	<2%	<2%
	800 Hz	<2%	<2%
	1600 Hz	<2%	<2%
Equivalent input noise		26 dB SPL	26 dB SPL
Battery drain (stand by)		0.91 mA	0.91 mA
Battery drain		0.93 mA	0.95 mA
Battery life / hours (Type 10 Zn-Air, 90 mAh)		95 (>80)	95 (>80)
Mobile phone immunity		IRIL: -34/-37/-35 dB SPL	U-rating: M4