

advance - RITE with HP-receiver

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



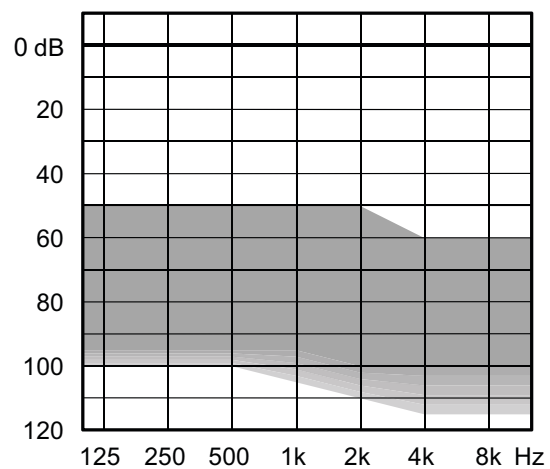
The RITE is based upon the new Technology Platform with Sound Class Technology for automated classification of sound environments and optimal sound processing determined by the sound classes. The RITE has an optional ZPower rechargeable solution.

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

Uses a size 312 battery.

Moderate to severe-to-profound hearing losses.

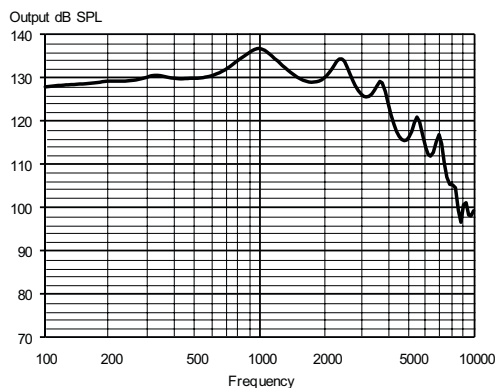
Suggested fitting range



	152	252	352	552	652	852
Processing channels and fine tuning channels	4	4	4	6	10	15
Digital Pinna					Yes	Yes
TruSound Softener				Yes	Yes	Yes
ZPower			Yes	Yes	Yes	Yes
Audibility Extender			Yes	Yes	Yes	Yes
Soft-level noise reduction			Yes	Yes	Yes	Yes
Zen			Yes	InterEar	InterEar	InterEar
Connectivity and wireless compatibility		via DEX	via DEX	via DEX	via DEX	via DEX
HD Locator	Broadband	Broadband	Broadband	6	10	15
Sound Class Technology	1	1	1	3	5 (InterEar)	9 (InterEar)
Preference control	Yes	Yes	Yes	Yes	Yes	Yes
Focus Mode	Yes	Yes	Yes	Yes	Yes	Yes
Number of programs	3	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

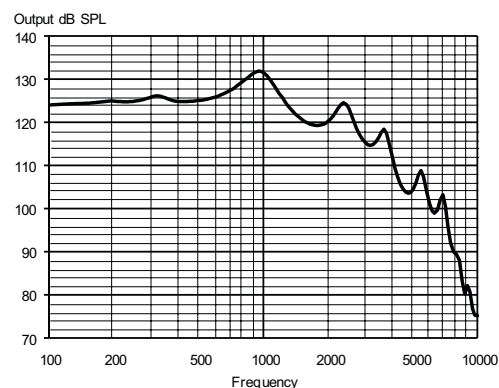
Maximum output - Ear simulator

IEC 60118-0



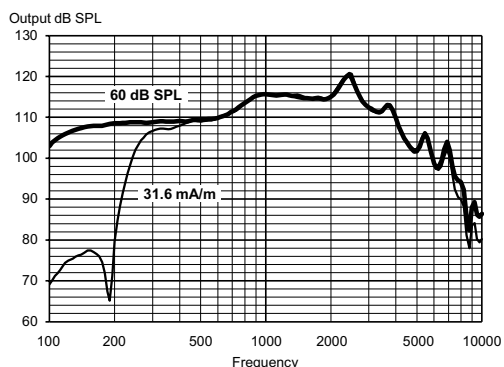
Maximum output - 2cc coupler

IEC 60118-7



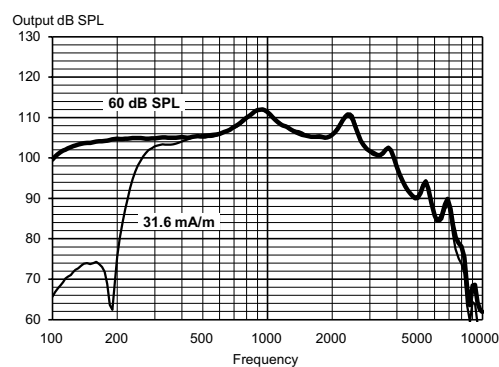
Output - Ear simulator

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 and a custom earmould with Output Extender.

		IEC 60118-0	IEC 60118-7
OSPL90	1600 Hz Peak Average	130 dB SPL 137 dB SPL 132 dB SPL	120 dB SPL 132 dB SPL 126 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz Peak Average	115 dB SPL 121 dB SPL 113 dB SPL	105 dB SPL 112 dB SPL 109 dB SPL
Max gain (Input 50 dB SPL, Compass Full-on gain)	1600 Hz Peak Average	76 dB 84 dB 75 dB	67 dB 74 dB 70 dB
Telecoil output (Input 31.6 mA/m)	1600 Hz Peak Average	115 dB SPL 121 dB SPL 113 dB SPL	105 dB SPL 112 dB SPL 109 dB SPL
Frequency range		100 Hz - 6000 Hz	100 Hz - 5800 Hz
Harmonic distortion	500 Hz 800 Hz 1600 Hz	<2% <2% <2%	<2% <2% <2%
Equivalent input noise		21 dB SPL	21 dB SPL
Battery drain (stand by)		0.99 mA	0.99 mA
Battery drain		1.06mA	1.10 mA
Battery life / hours (Type 312 Zn-Air, 145 mAh) (Type 312 rechargeable, 40 mAh)		135 h 35 h	130 h 35 h
Mobile phone immunity		IRIL: -28/-7/-9 dB SPL	U-rating: M4/T4