

Bravissimo BV-38

100% digital high power BTE

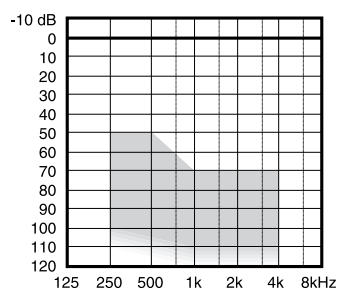


Bravissimo BV-38 is a high quality, 100% digital hearing aid engineered in the renowned Widex tradition. The Bravissimo series comprises a complete selection of models helping to give everyone access to the significant advantages of digital hearing aids.

Recommended for:

- Severe to profound hearing losses.
- Most hearing loss configurations including conductive, sloping and flat losses.

Suggested fitting range



Bravissimo BV-38 features include:

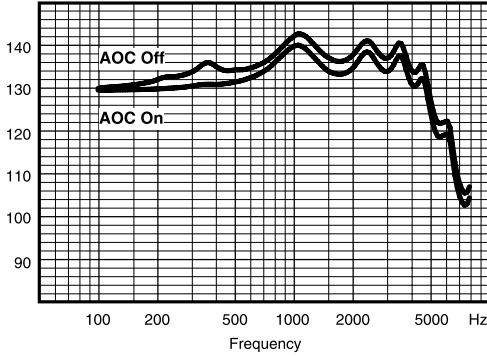
- 3 channel DSP (Digital Signal Processing).
- Wide Dynamic Range Compression to maximise speech intelligibility and listening comfort.
- Automatic Feedback Management for reduction of acoustic feedback.
- Automatically calculated variable crossover frequencies.
- Easily programmed with Compass/NOAH or SP3.
- Fitting rationale calculated from 4 audiometric hearing thresholds.
- Paediatric rationale and ABG compensation.
- Flexible and accurate fine tuning system including automatically calculated MPO, Insertion Gain adjustment and Feedback verification, all in 3 channels.
- Microphone Noise Reduction eliminates audible internal noise.
- Sound Stabilizer combines advantages of fast and slow regulation times to ensure audibility and natural sound quality.
- Improved input dynamic range.
- M-MT-T program switch.
- Equalised telecoil frequency response, adjustable telecoil gain and anti-hum filter.
- Digital Volume Control (+/- 6 dB range) with beep-tone adjustment indicator.
- Direct audio input.
- Tamper resistant battery drawer.
- Mini-hook available for small ears.
- CROS and BiCROS adaptor available.
- Available in 3 standard colours as well as in the modern, transparent colours.
- Long battery life of approximately 490 hours, using a zinc air type 675 battery.
- Low battery beep-tone indicator.
- 1MHz/1bit sigma/delta converters.
- 32 kHz/20 bit processing.
- Easy and accurate fitting

Bravissimo BV-38

Maximum output - Ear simulator

IEC 60118-0

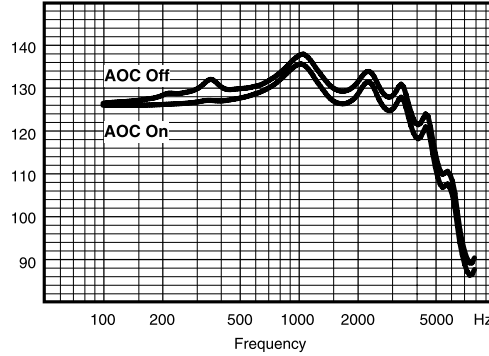
Output dB SPL



Maximum output - 2cc coupler

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

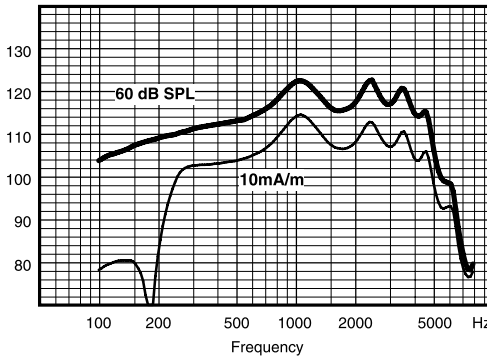
Output dB SPL



Output - Ear simulator

IEC 60118-0

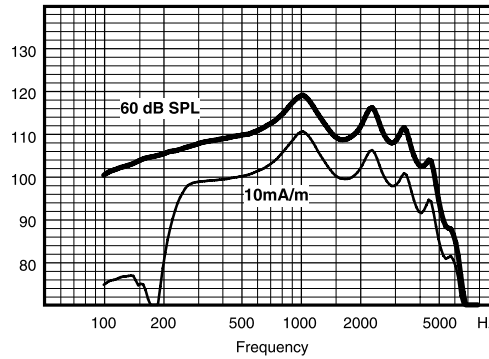
Output dB SPL



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	137 dB SPL	130 dB SPL	130 dB SPL
	Peak	143 dB SPL	138 dB SPL	138 dB SPL
	Average	138 dB SPL	133 dB SPL	133 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	116 dB SPL	109 dB SPL	109 dB SPL
	Peak	123 dB SPL	119 dB SPL	119 dB SPL
	Average	118 dB SPL	114 dB SPL	114 dB SPL
Max. gain (special measurement)	1600 Hz	82 dB	74 dB	74 dB
	Peak	89 dB	83 dB	83 dB
	Average	81 dB	76 dB	77 dB
Telecoil output (Input 10 mA/m)	1600 Hz	107 dB SPL	100 dB SPL	100 dB SPL
	Peak	115 dB SPL	111 dB SPL	111 dB SPL
	Average	109 dB SPL	104 dB SPL	105 dB SPL
Frequency range		100 Hz - 5200 Hz	100 Hz - 4850 Hz	100 Hz - 5050 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	2%	1.9%	1.9%
	800 Hz	0.9%	0.6%	0.6%
	1600 Hz	0.8%	0.6%	0.6%
Equivalent input noise		24 dB SPL	24 dB SPL	24 dB SPL
Battery drain (stand by)		0.9 mA	0.9 mA	0.9 mA
Battery drain		1 mA	1 mA	1.2 mA
Battery life (Type 675 Zn-Air, 600 mAh)		610 hours	610 hours	490 hours
IRIL (GSM/DECT), IEC 60118-13			- 7 / 13 dB SPL	

