

Bravissimo BV-19

100% digital directional power BTE

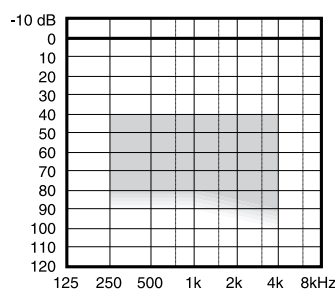


Bravissimo BV-19 is a high quality, 100% digital hearing aid engineered in the renowned Widex tradition. The Bravissimo series comprises a complete selection of models helping to give everyone access to the significant advantages of digital hearing aids.

Recommended for:

- Moderate to severe hearing losses.
- Most hearing loss configurations including conductive, sloping and flat losses.

Suggested fitting range



Bravissimo BV-19 features include:

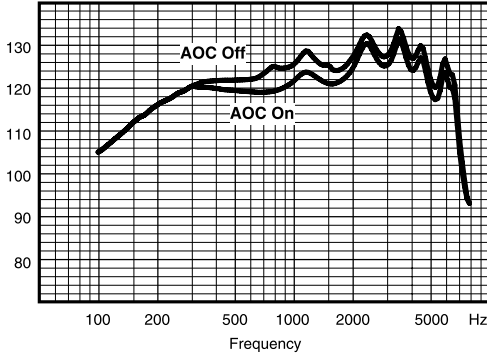
- 3 channel DSP (Digital Signal Processing).
- Directional microphone for optimal signal-to-noise ratio.
- Wide Dynamic Range Compression to maximise speech intelligibility and listening comfort.
- Automatic Feedback Management for reduction of acoustic feedback.
- Automatically calculated variable crossover 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.
- Push-button program selector.
- Flexible program selection with beep-tone indicator.
- 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.
- Battery drawer lock available for use when worn by children.
- CROS and BiCROS adaptor available.
- Available in 3 standard colours as well as in 7 modern, transparent colours.
- Long battery life of approximately 435 hours, using zinc air type 13 battery.
- Low battery beep-tone indicator.
- 1MHz/1bit sigma/delta converters.
- 32 kHz/20 bit processing.
- Easy and accurate fitting

Bravissimo BV-19

Maximum output - Ear simulator

IEC 60118-0

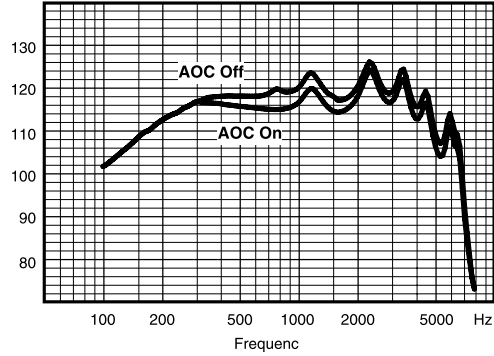
Output dB SPL



Maximum output - 2cc coupler

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

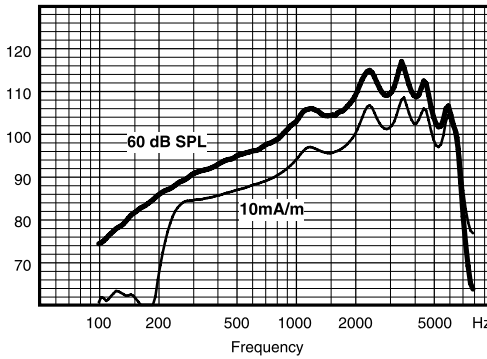
Output dB SPL



Output - Ear simulator

IEC 60118-0

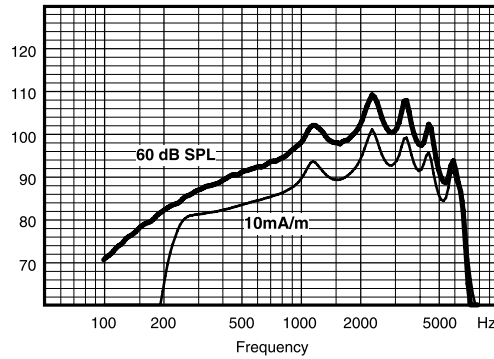
Output dB SPL



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	124 dB SPL	117 dB SPL	117 dB SPL
	Peak	134 dB SPL	126 dB SPL	126 dB SPL
	Average	125 dB SPL	119 dB SPL	120 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	105 dB SPL	98 dB SPL	98 dB SPL
	Peak	117 dB SPL	109 dB SPL	109 dB SPL
	Average	102 dB SPL	97 dB SPL	101 dB SPL
Max. gain (special measurement)	1600 Hz	58 dB	52 dB	52 dB
	Peak	67 dB	61 dB	61 dB
	Average	59 dB	55 dB	54 dB
Telecoil output (Input 10 mA/m)	1600 Hz	96 dB SPL	90 dB SPL	90 dB SPL
	Peak	109 dB SPL	101 dB SPL	101 dB SPL
	Average	94 dB SPL	89 dB SPL	92 dB SPL
Frequency range		230 Hz - 6900 Hz	200 Hz - 6750 Hz	180 Hz - 6750 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	0.7%	0.5%	0.5%
	800 Hz	0.3%	0.4%	0.4%
	1600 Hz	0.3%	0.2%	0.2%
Equivalent input noise		34 dB SPL	34 dB SPL	34 dB SPL
Battery drain (stand by)		0.6 mA	0.6 mA	0.6 mA
Battery drain		0.6 mA	0.6 mA	0.6 mA
Battery life (Type 13 Zn-Air, 270 mAh)		435 hours	435 hours	435 hours
IRIL (GSM/DECT), IEC 60118-13			- 4 / 22 dB SPL	

