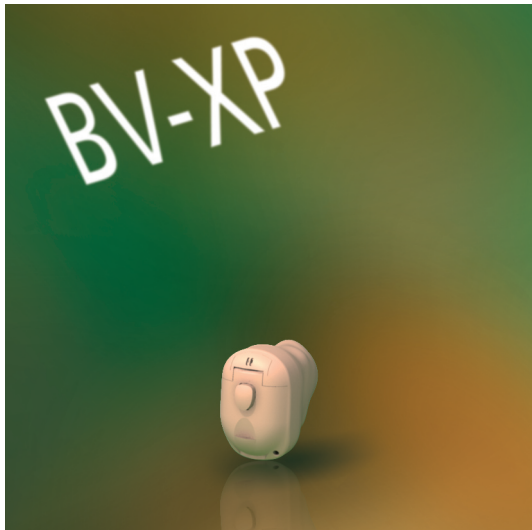


# Bravissimo BV-XP

## 100% digital power ITE

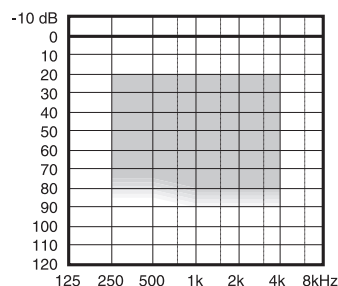


Bravissimo BV-XP is a high quality, 100% digital hearing aid engineered in the renowned Widex tradition. The Bravissimo series comprises a complete selection of models helping to give everyone access to the significant advantages of digital hearing aids.

### Recommended for:

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

### Suggested fitting range



### Bravissimo BV-XP features include:

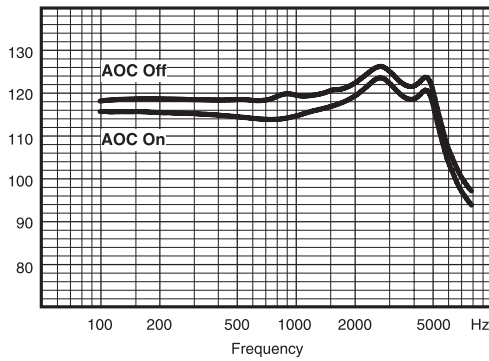
- 3 channel DSP (Digital Signal Processing).
- Wide Dynamic Range Compression to maximise speech intelligibility and listening comfort.
- Automatic Feedback Management for reduction of acoustic feedback.
- Automatically calculated variable crossover frequencies.
- Easily programmed with Compass/NOAH 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.
- Designed for CAMISHA (Computer Aided Manufacturing of Individual Shells for Hearing Aids).
- Push-button program selector.
- Flexible program selection with beep-tone indicator.
- Equalised telecoil frequency response, adjustable telecoil gain and anti-hum filter.
- Optional Digital Volume Control (+/- 6 dB range) with beep-tone adjustment indicator.
- Long battery life of approximately 210 hours, using a zinc air type 312 battery.
- Low battery beep-tone indicator.
- 1MHz/1bit sigma/delta converters.
- 32 kHz/20 bit processing.
- Easy and accurate fitting

# Bravissimo BV-XP

## Maximum output - Ear simulator

IEC 60118-0

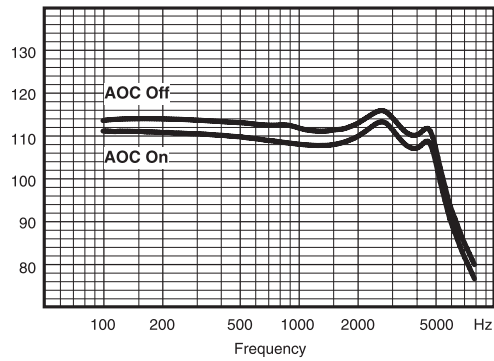
Output dB SPL



## Maximum output - 2cc coupler

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

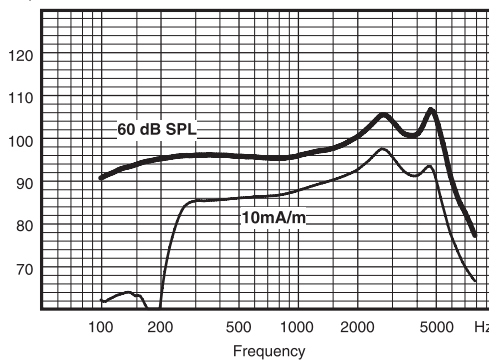
Output dB SPL



## Output - Ear simulator

IEC 60118-0

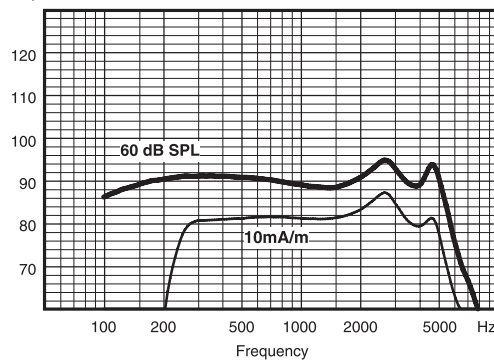
Output dB SPL



## 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	121 dB SPL	112 dB SPL	112 dB SPL
	Peak	126 dB SPL	116 dB SPL	116 dB SPL
	Average	120 dB SPL	113 dB SPL	113 dB SPL
Acoustic output (Input 60 dB SPL)	1600 Hz	98 dB SPL	89 dB SPL	89 dB SPL
	Peak	107 dB SPL	95 dB SPL	95 dB SPL
	Average	97 dB SPL	90 dB SPL	91 dB SPL
Max. gain (special measurement)	1600 Hz	57 dB	48 dB	48 dB
	Peak	65 dB	60 dB	60 dB
	Average	59 dB	53 dB	49 dB
Telecoil output (Input 10 mA/m)	1600 Hz	91 dB SPL	82 dB SPL	82 dB SPL
	Peak	98 dB SPL	87 dB SPL	87 dB SPL
	Average	89 dB SPL	82 dB SPL	83 dB SPL
Frequency range		100 Hz - 7150 Hz	100 Hz - 6100 Hz	100 Hz - 6500 Hz
Harmonic distortion (Input 70 dB SPL)	500 Hz	0.7%	0.5%	0.5%
	800 Hz	1.3%	0.7%	0.7%
	1600 Hz	0.7%	0.5%	0.5%
Equivalent input noise		27 dB SPL	27 dB SPL	27 dB SPL
Battery drain (stand by)		0.65 mA	0.65 mA	0.65 mA
Battery drain		0.65 mA	0.65 mA	0.7 mA
Battery life (Type 312 Zn-Air, 145 mAh)		225 hours	225 hours	210 hours
IRIL (GSM/DECT), IEC 60118-13			- 16 / - 7 dB SPL	

