Bravo B2-CIC

100% digital CIC

- Programmable (SP3 or Compass)
- 2 channel DSP
- Wide Dynamic Range Compression

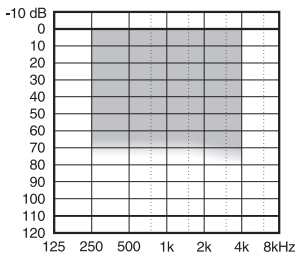
B2-CIC is fine tuned with three parameters:

LF = Low frequency gain
HF = High frequency gain
MPO = Maximum power output

Recommended for:

- Mild to moderately severe hearing losses.
- All configurations of hearing loss including conductive, sloping, flat and reverse slope losses.
- People wanting a fully automatic aid and discretion.

Suggested fitting range



Proper fitting of this CIC hearing aid requires the taking of a deep-canal impression.

Hearing Healthcare Professionals should not attempt this type of fitting unless they have the necessary skills to take this type of impression safely.

For further information, please consult the Senso CIC Impression Manual.

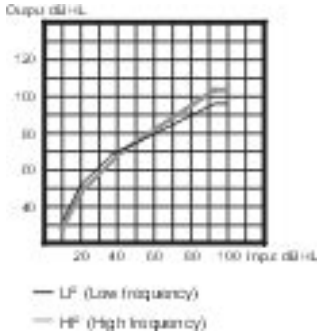
The Bravo Digital Signal Processor (DSP) works with 20-bit representation of the signal and a sampling rate of 32 kHz. Bravo B2-CIC is a superbly engineered hearing aid in the renowned Widex tradition.

Bravo B2-CIC offers you:

- 2 channel DSP (Digital Signal Processing).
- Wide Dynamic Range Compression to maximize speech intelligibility and listening comfort.
- Feedback Risk Management for reduction of acoustic feedback.
- Variable crossover frequency.
- Special digital fitting philosophy based on keyed in audiometric values.
- Long battery life of approximately 100 hours.
- Low battery beep-tone indicator.
- Minimal audible internal noise due to special processing.

Bravo B2-CIC

Wide Dynamic Range Compression (WDRC)



The WDRC system used in the Bravo B2 models is an extension to the HLC system where the compression knee points have been lowered in both channels. This means that the insertion gain on models with WDRC is higher for soft inputs compared to models with HLC. The result is an increase in the user's range of acoustical awareness because soft sounds become audible.

CIC vent

Bravo B2-CIC has a special CIC vent, which opens between the residual volume and the cavity of the shell, without a connection through the faceplate. The dimensions of the vent are tuned for best relief of occlusion and minimum influence on the sound quality. The vent does not take up space in the faceplate and it does not feed the sound back to the microphone. Consequently it can be used in smaller instruments than is the case with normal vents, and it produces less feedback

Programming

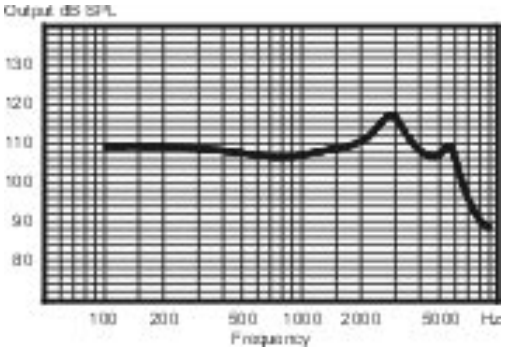
Bravo B2-CIC can be programmed using the SP3 portable programmer or via a PC using the Hi-PRO interface and NOAH/Compass software. Please refer to the Bravo-series programming manual.

Technical Data

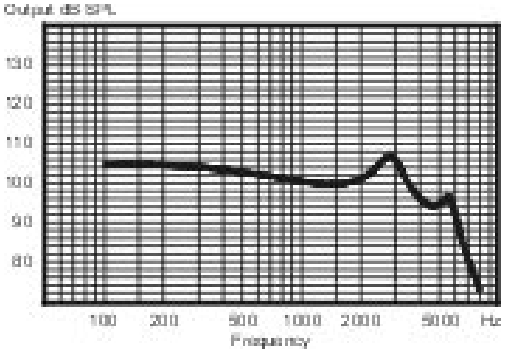
		711 Ear simulator	2cc Coupler
OSPL90	Peak	118 dB SPL	107 dB SPL
	1 kHz	107 dB SPL	100 dB SPL
	HAIC	109 dB SPL	101 dB SPL
Battery Drain (st. by)		0.65 mA	
Battery Drain		0.65 mA	
Battery Type 10 Zn-Air (70 mAh)*		105 hours	
Harmonic Distortion		1%	
IRIL (GSM/DCS interference level)		5/15 dB SPL	

* *Typical data measured in Test mode.*

Maximum output (ear simulator - IEC711)



Maximum output (2cc coupler - IEC126)



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