

Product Information

The CS-Evo 1 is a digital high power bone conducted spectacle, suitable for mid to severe hearing losses

The opportunities of individual programming by software permit a maximum of flexibility in meeting the individual needs

Accessories

BHM-Tech offers a variety of new attractive spectacles.

New special designed extension tips give a perfect technical and optical connection between frame and hearing aid. The former Viennatone tips may also be used, same as tips from the competition.

Features

- Battery size 675
- 2 channel digital amplifier with programming options over 4 pin programming socket
- O-T-M switch
- Mechanical compatible to the former Viennatone model Contactstar
- Available in the standard colors brown and black
- Different easy to change conductor buttons available
- Low battery warning
- Program switching indication
- Passive noise cancelation

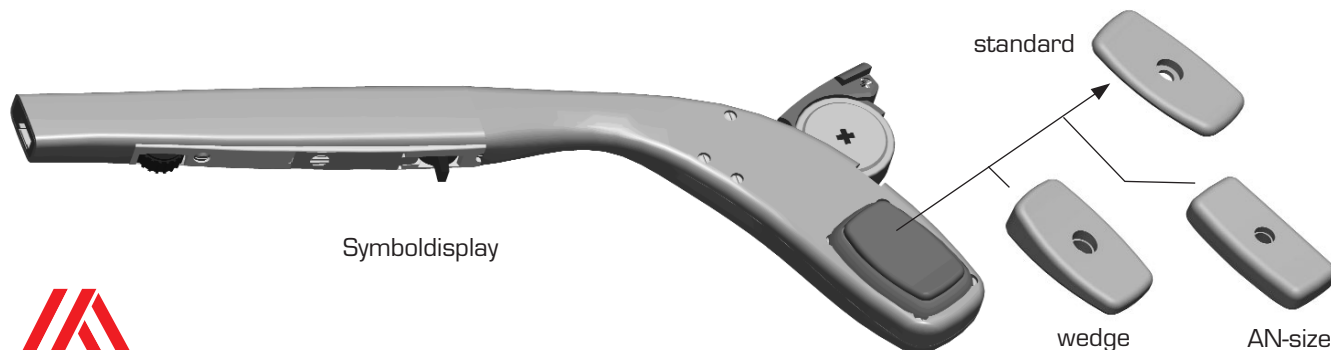
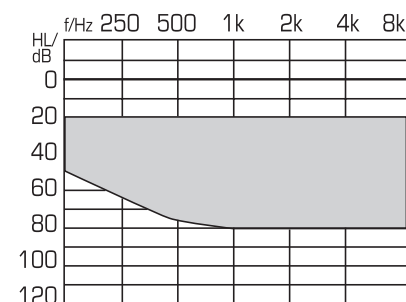
Additional features using the programming SW w/HI-PRO box:

- MPO limiting (AGC_o)
- Activate/Deactivate selection of Volumecontrol
- Compression ratio and threshold for both channels individual adjustable
- Full adaptive Notch-filter
- Channel cross over and gain for upper and lower Band separate adjustable

Total harmonic distortion: (pi=70dB SPL ref. test gain)	500Hz <3%
	800Hz <0,6%
	1000Hz <1,0%
	1600Hz <0,3%
Sensitivity of telephone coil:	typ. 95dB (at 10mA/m, 1kHz) programmable
Equivalent input noise level:	24dB(A)SPL
Current drain:	1,2 mA +/- 10% (1,35V)
Battery life:	~508 hours at a 610 mAh battery capacity

Fitting range:

For Information only; observe the air & bone-conduction hearing loss of the patient.



This project is cofinanced by the European Union the federal government of Austria and the province of Burgenland

Quality certificate according to EN ISO 9001:2000 und ISO 13485:2003



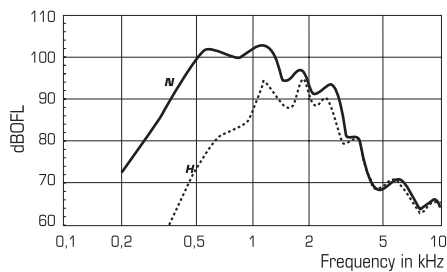
Technical Data according DIN IEC 118-9:1987

Measured at $U_b = 1.35V$. Tolerance of acoustical values +/- 4 dB.
 HAIC-figures correspond to DIN45 605: 1989.

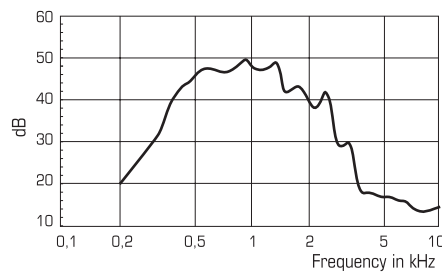
	Full-on acoustic-mech. Sensitivity level (MPO min.)	Max. Output force level (OFL90)	
		MPO min	MPO max
HAIC	44 dB	106 dBOFL	82 dBOFL
1000 Hz	47 dB	107 dBOFL	82 dBOFL
max.	50 dB	110 dBOFL	86 dBOFL

Frequency range HAIC: 200 - 4000 Hz

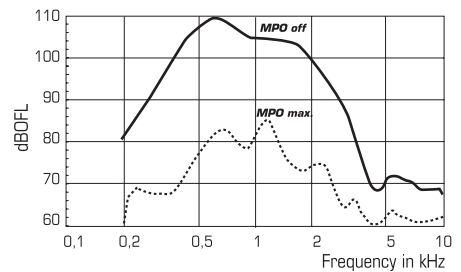
MPO: adjustable with software



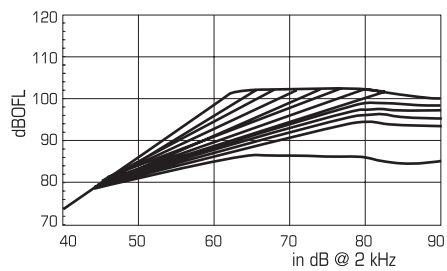
Basic force level response
 $\pi = 60$ dBSPL VC = red.



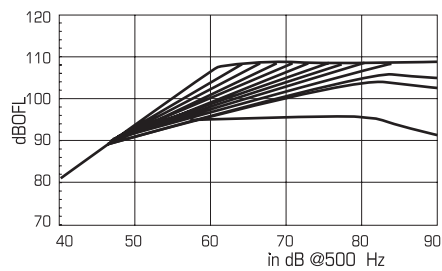
Max. acoustic-mech. $\pi = 50$ dB
 sensitivity level VC max.



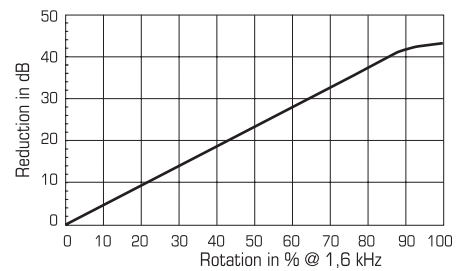
Max. Output force level (OFL90)
 $\pi = 90$ dBSPL VC = max.



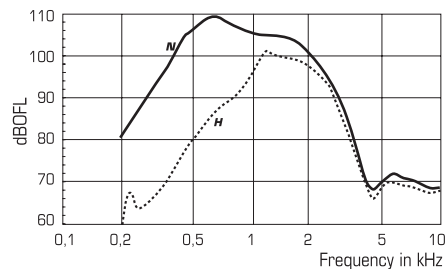
High tone channel (HC)
 Variation of the CR



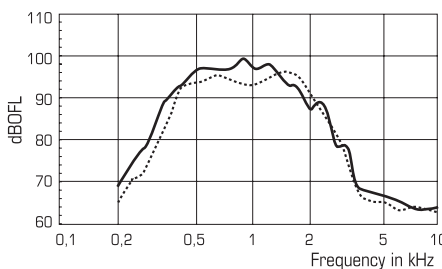
Low tone channel (LC)
 Variation of the CR



Volume control characteristic
 $\pi = 50$ dBSPL @ 1600 Hz

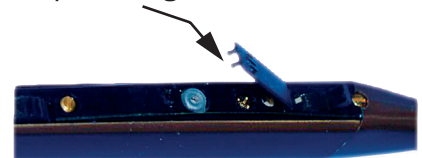


Max.output force level
 Effect of N/H setting



Matching of
 Microphone & Telecoil

4 pin Progr.-socket



A quality product of
 BHM-Tech Produktionsgesellschaft m.b.H, Austria
 Changes may be done without any notice in order to improve product performance.