

Bone conduction hearing system

Product Information

The contact mini is a digital miniature bone conduction hearing system suitable up to moderate hearing loss from toddlers age onwards. The fitting of the device will be handled electronically with specially developed software. Conventional hearing aids are often difficult to use on young children and surgery may not be the treatment of choice.

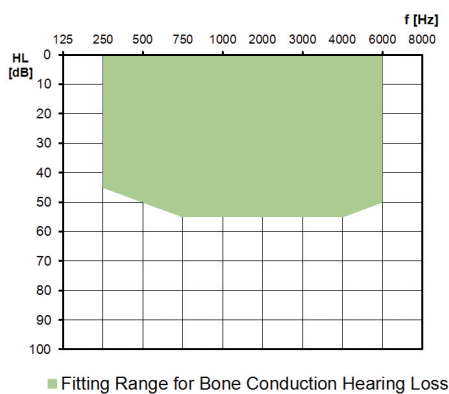
BHM bone conduction hearing systems – a reliable solution without the risk of surgery!

Features

- 8 channels soundprocessor (WDRC)
- 16 equalizer bands
- First fitting algorithm for bone conductive hearing aids
- Tone generator for fine-tuning by INSITU method
- Feedback cancellation
- Noise reduction
- Low battery warning
- MPO programmable
- Tone filters (HighCut and LowCut)
- Battery size 13
- On/off switch via battery compartment
- Volume control per trimmer
- Different colours
- Different sizes of conductor plates for optimal comfort

Accessories

BHM bone conduction hearing systems can be integrated discreetly into headbands, Alice bands and baseball caps and are fitted with state-of-the-art digital sound processing.



The miniature bone vibrators are hardly visible when worn as they are incorporated into the headband itself.

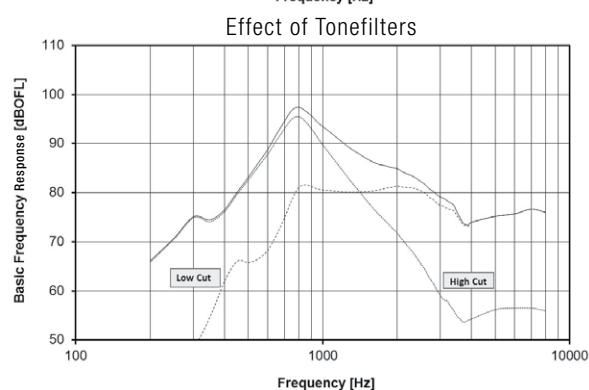
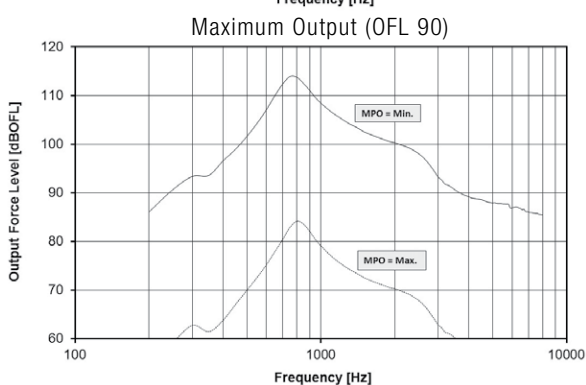
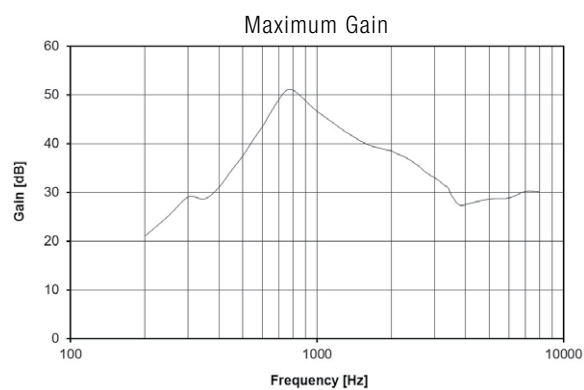
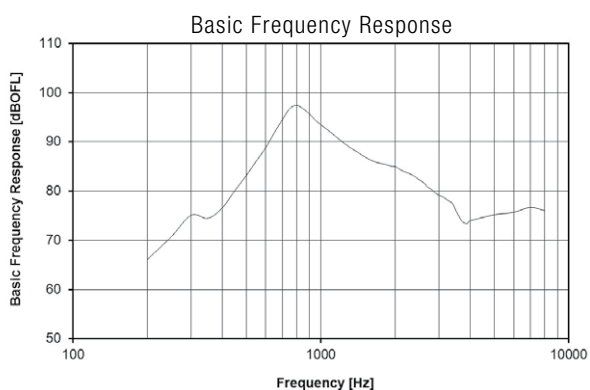
CE
0297 According to EU guidelines 93/42/EEC
Quality management system according
to DIN EN ISO 13485



Technical Data measured according to DIN IEC 118-9

Measured UB = 1.35 V.

Tolerance of measured values ± 4 dB	IEC 118-9 IEC 60318-6 Artificial Mastoid	
	Supply Voltage	1.35 V
Maximum Output Force Level (OFL90) MPO = Min.	Max.	114 dBOFL
	1000 Hz	108 dBOFL
	1600 Hz	102 dBOFL
Maximum Output Force Level (OFL90) MPO = Max	Max.	84 dBOFL
	1000 Hz	79 dBOFL
	1600 Hz	72 dBOFL
Maximum Acousto-Mechanical Sensitivity Level	Max.	51 dB
	1000 Hz	47 dB
	1600 Hz	40 dB



Total Harmonic Distortion	500 Hz	< 1 %
	800 Hz	< 1 %
	1000 Hz	< 0.6 %
	1600 Hz	< 0.5 %
Equivalent Input Noise	21.9 dBSPL	
Current Consumption	1.06 mA \pm 10 %	
Average Battery Life (Zinc-Air)	~ 270 h @ 290 mAh	

4-pin programming socket



AUSTRIA