contactmini

BHM
Nice to hear You again

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!

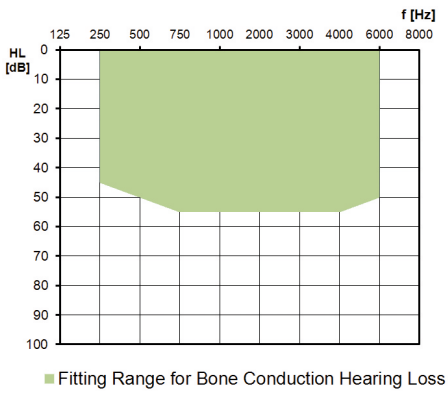
The miniature bone vibrators are hardly visible when worn as they are incorporated into the headband itself.

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
- Optional feature: Telecoil

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.



Sound Dynamix (BHM Automatic A)

BHM's fully automated Sound Dynamix (BHM Automatic) situation recognition perfectly selects the most appropriate hearing system parameters in any environment. You can enjoy the best-possible sound in demanding situations without having to manually switch listening programs.

CE 0297

According to EU directive 93/42/EEC
Quality management system according to DIN EN ISO 13485

AUSTRIA

A quality product of BHM-Tech Produktionsgesellschaft mbH, Austria / www.bhm-tech.at

Version 1.7 - 07/2016

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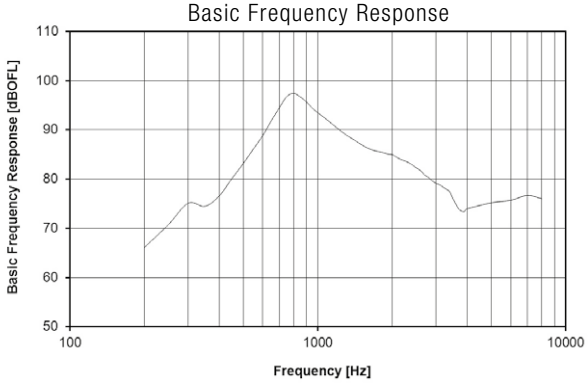
Technical Data measured according to DIN IEC 118-9

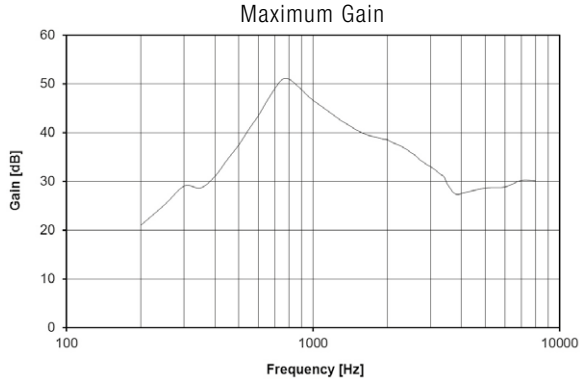
Measured UB = 1.35 V.

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. 1000 Hz 1600 Hz	114 dBOFL 108 dBOFL 102 dBOFL
Maximum Output Force Level (OFL90) MPO = Max	Max. 1000 Hz 1600 Hz	84 dBOFL 79 dBOFL 72 dBOFL
Maximum Acousto-Mechanical Sensitivity Level	Max. 1000 Hz 1600 Hz	51 dB 47 dB 40 dB

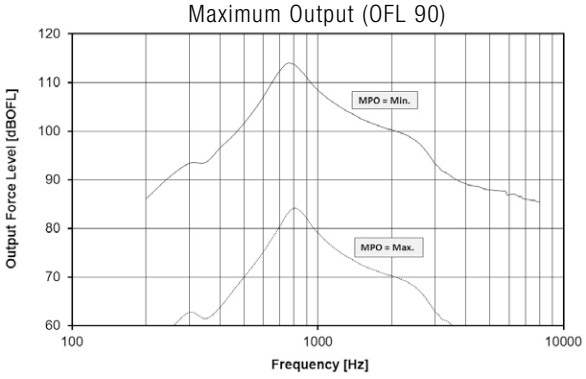
Basic Frequency Response



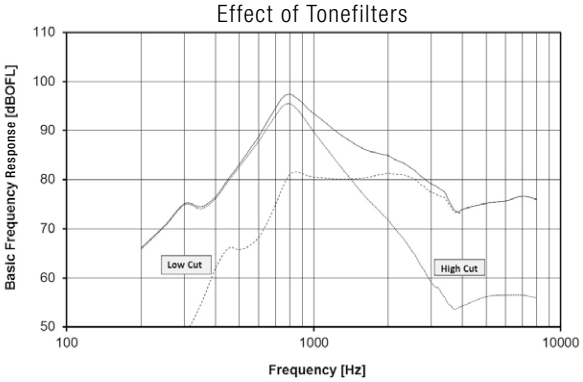
Maximum Gain



Maximum Output (OFL 90)



Effect of Tonefilters



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

4-pin programming socket

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