

Digital bone conduction hearing temple

Product Information

contact star evo1 is a digital bone conduction hearing temple suitable up to moderate hearing loss. With its high fidelity 8 channel sound processor and with the innovative programming possibilities, the contact star evo1 meets the requirements for best individual hearing comfort.

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

Accessories

BHM bone conduction hearing temples can be integrated into a variety of attractive spectacles-fronts.


Features and Functions

- 8 channels sound processor (WDRC)
- 16 equalizer bands
- First fitting algorithm for bone conductive hearing aids
- Tone generator for fine-tuning by In-Situ method
- Automatic feedback cancellation
- Automatic noise reduction
- Low battery warning
- MPO programmable
- Tone filters (high-cut and low-cut)
- Battery size 675
- O-T-M switch
- Volume control
- Temple in different colours
- Battery compartment safety lock



4-pin programming socket

Sound Dynamix (BHM Automatic)

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.

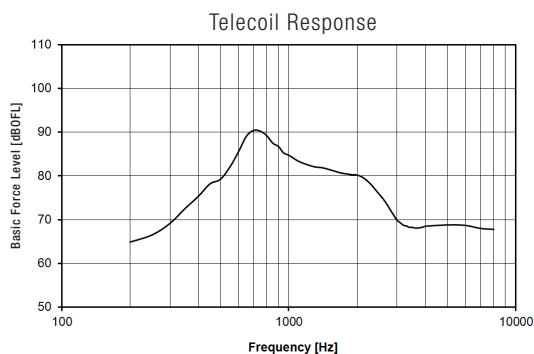
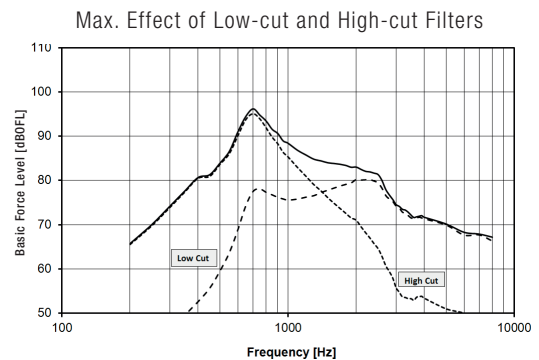
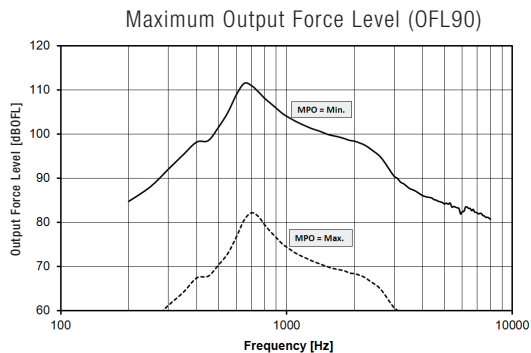
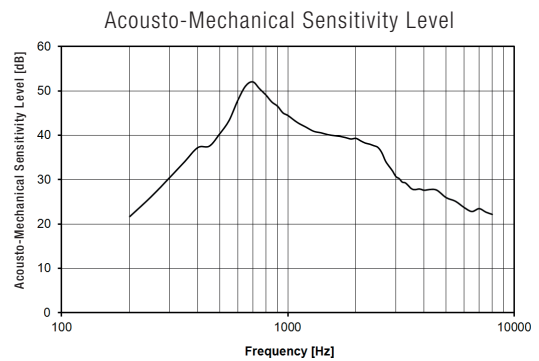
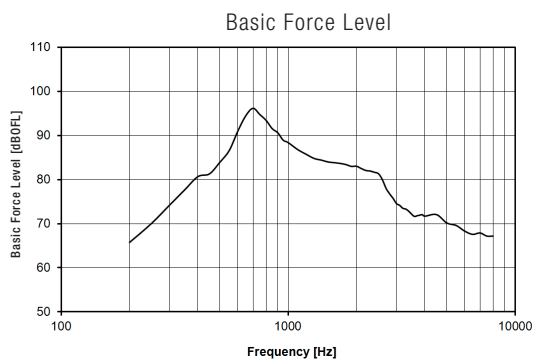


According to European Medical Device Directive 93/42/EEC
Quality management system according to DIN EN ISO 13485:2016



Digital bone conduction hearing temple

Technical data	IEC 118-9 IEC 60318-6 Artificial Mastoid	
Tolerance of measured values ± 4 dB		
Supply Voltage	1.35 V	
Maximum Output Force Level (OFL90) MPO = Min.	Max.	111 dBOFL
	1000 Hz	104 dBOFL
	1600 Hz	100 dBOFL
Maximum Output Force Level (OFL90) MPO = Max.	Max.	82 dBOFL
	1000 Hz	74 dBOFL
	1600 Hz	70 dBOFL
Maximum Acousto-Mechanical Sensitivity Level	Max.	52 dB
	1000 Hz	45 dB
	1600 Hz	40 dB
Magneto Acoustical Sensitivity Level (MASL) @ 31.6 mA/m	1600 Hz	72 dB
Frequency Range	200 Hz up to >8000 Hz	



Total Harmonic Distortion	500 Hz	< 3.3 %
	800 Hz	< 0.8 %
	1000 Hz	< 0.8 %
	1600 Hz	< 0.8 %
Equivalent Input Noise	24.0 dBSPL	
Current Consumption	0.95 mA \pm 10 %	
Average Battery Life (Zinc-Air)	~ 640 h @ 610 mAh	