Bone conduction solutions

Audifon’s extensive product portfolio is now being expanded with various bone conduction devices. Bone conduction is indicated for customers that cannot be fit with a traditional BTE- or ITE-hearing system. Possible indications for bone conduction device include:

- Chronic middle ear infections with drainage, missing or perforated tympanic membrane
- Chronic or recurring external otitis media
- Anatomical malformations such as atresia or microtia

Unlike traditional hearing instruments which utilize air conduction stimulation, bone conduction devices utilize mechanical vibrations generated via a bone vibrator to stimulate the hearing nerves in the inner ear. Bone conduction devices are appropriate for customers with conductive or mixed hearing loss and normal or near normal inner ear function.

Audifon offers a range of practical and modern bone conduction devices, consisting of the contact star evo 1, AN evo 1, the contact mini and the apollon.
contact star evo 1

This fully digital processing device combines a bone conduction hearing system with eye glasses for efficient use and high speech intelligibility. contact star evo 1 generates broadband signals via its miniature receiver, conducts the vibrations through the mastoid bone, which then stimulates the nerve cells in the inner ear.

contact star evo 1 offers the combined benefits of exceptional hearing and stylish glasses in designs suitable for both men and women.

Your advantages
■ powerful, programmable, 2 channel digital amplifier
■ easy handling with O-T-M switch and integrated T-coil
■ recommended for mild to moderate hearing loss
■ programmable with BHMFit 2

AN evo 1

The AN evo 1, like the contact star evo 1, combines digital bone conduction hearing with stylish eye glasses and is indicated for customers with conductive hearing loss when traditional BTE and custom hearing instruments are contraindicated.

Your advantages
■ for increased fitting flexibility, AN evo 1 offers both programmable and manual adjustment options
■ flexible fitting for mild to moderate conductive or mixed hearing losses
■ various modern eye glass designs

contact mini

contact mini is a miniature bone conduction hearing system consisting of two components, receiver and conductor, interconnected by a flexible cord and then attached to a soft head band for optimal fitting and comfort.

The miniature size and flexibility of the cord and head band makes contact mini uniquely ideal for small children up to adults.

Like the contact star evo 1 and AN evo 1, the contact mini is indicated for mild to moderate conductive or mixed hearing loss when traditional custom or BTE hearing aids are contraindicated.

Your advantages
■ the miniature size and flexibility of the cord and head band makes contact mini ideal for fitting small children up to adults
■ digital processing and software programming with specially designed bone conduction First Fit Algorithms
■ head band and headdresses for optimal fitting comfort for children and cosmetic appeal

apollon

apollon is a modern portable hearing system designed to conform to today’s electronic, handheld entertainment image. The elaborately designed system combines quality hearing with convenient handling while addressing the possible social stigma sometimes associated with hearing loss.

apollon’s versatile design compensates for almost any kind of conductive hearing losses in two ways, via a robust monaural or binaural bone conduction vibrator system as well as a traditional air conduction receiver and ear piece.

Moreover, communication with devices such as MP3 players, Bluetooth receivers and mobile phones provides added adapter free versatility.

Your advantages
■ the core of apollon is a strong multi-channel programmable digital processor
■ flexible fitting possibilities with bone and air conduction signals
■ powerful signal processor with up to 92 dB gain for air conduction use, 64 dB for monaural bone conduction use and 55 dB for binaural bone conduction use