



BONE CONDUCTION COMMUNICATOR SYSTEM

PRODUCT CATALOGUE

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PROINO MÜHENDİSLİK

Deneyimli ve yetkin mühendislik ekimizle başta savunma sanayii olmak üzere bir çok sektöre güvenilir ve fonksiyonel ürünler tasarlayıp üretebiliyoruz. Çevik ve etkin karar alma mekanizmamız sayesinde ihtiyaçlarınıza özel olarak uyarlanmış ürünleri hızlı bir şekilde tasarlama ve üretme yeteneğine sahibiz.



BONE CONDUCTION COMMUNICATION SYSTEM

Bone Conduction Headsets feature a pair of shakers that transmit sound directly to the user's skull via vibration using advanced bone conduction technology. Since the shakers do not block the ears; the user can easily hear both the sounds coming from the radio and what is going on around him.

In addition, the microphone integrated on the headset is noise-cancelling. The microphone is flexible to be placed where the user needs it.



The adjustable, skull-hugging style headset stays in place on the user's head thanks to the straps. With its modular design, the bone conduction headset can be used comfortably and safely under helmets or gas masks.

Advantages

- As the headset does not block the user's ears, it allows the user to hear both the incoming radio sounds and what is happening around them. (Situational Awareness).
- Bone Communication system provides comfortable use for users with different head structures thanks to its flexible body structure..
- Provides tactical advantage as it is compatible with actively used equipment (helmet, vest, etc.).
- It also has a detachable microphone configuration to work with helmets with chin microphones.
- Noise cancellation technology in the microphone ensures clear voice communication between users.
- Its lightweight structure provides comfort to the user for long-term use.



Usage Areas



Defence units

Operation Support Units





Features

- It can operate and be stored at -40 / +55°C in accordance with MIL-STD-810G military standard.
- It is resistant to thermal shock as defined in MIL-STD-331D military standard.
- It has ~8 ohm headphone impedance.
- ~200 ohm microphone impedance is available.
- ~270 gram weight provides long-term comfortable use to the user.
- 300Hz-4kHz frequency range allows the user to hear balanced bass and treble sounds.

