

Performance Parameter

Bone Conduction Receiver

Sensitivity (1kHz) 0.141Vrms(0.1mW)	77±3dB(dB re 1.0 dyne)
Normal Impedance	20Ω±20% (1kHz)
DC Resistance	10Ω±20%
Normal Power (1kHz) 0.774Vrms(30mW)	91.5±3dB(dB re 1.0 dyne) THD :<5%
Maximum Power (1kHz) 1.183Vrms(70mW)	95.2±3dB(dB re 1.0 dyne) THD :<10%

Bone Conduction Microphone

Bias	1.5V
Sensitivity (re 1V/1g acceleration ,1KHz)	-39dB (re 1.0V/g)
Output Impedance (1kHz)	5200±300Ω(Depending on Frequency Response)
Maximum Current Drain	50uA

Wireless PTT

Operation Principle	NFMI
Modulated	2-level CPFSK
Operation Range	<150cm
Battery Type	CR2050
Battery Life	6 months
Stand-by Current	< 200uA
Operation Current	< 6mA
Low Battery Warning	Beep tone
Dustproof & Waterproof	IP67



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The Exclusive Safety and Security Products for the 26th Universiade

PeaceEar

Bone Conduction Headset

- ★ Turning Noise into Quiet
- ★ Complicated into Simple
- ★ Danger into Safety



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PeaceEar

Full Bone Conduction Headset



PeaceEar is a patent product
 P.R.C Patent No. : ZL 2010 2 065238.9
 EU Patent No. : 001715673-001
 US Patent No. : US29364458

Features

- Full bone conduction technology
- Noise suppression
- High quality voice
- Hands-free
- Comfortable to wear
- VOX function
- Complies with IP67
- Low power, wide frequency response
- Compatible with other equipment (Helmets, gas mask, etc.)
- Low power warning
- NFMII(Near Field Magnetic Induction) wireless PTT
- Finger PTT(Optional)

PeaceEar Full Bone Conduction Headset is developed based on bone conduction technology. It fundamentally solves the problem that radio can not communicate under high-noise circumstance. It is unique in that listening and speaking are completed by the facial bones through bone conduction device instead of air medium. Ears-free, no influence on hearing ambient sounds.

The biggest advantage of Full Bone Conduction Headset is that it can ensure reliable communication even under high-noise circumstance. It is ideal for use in army, public security, transportation, energy sources, and government affairs.

Components



Full Bone Conduction Headset (for Military Use)

With " Customer first , Leading technology " as strategic goal, QDC devotes itself to providing professional communication products in special circumstances. Full Bone Conduction Headset has got multi-patents at home and abroad, it ensures reliable communication even in high noise circumstance. As the exclusive Safety and Security Products supplier for the 26th Universiade, Full Bone Conduction Headset contributes harmonious and safe circumstance for the whole universiade.

Category

To meet different demands, according to different combination of control boxes and headsets, we have six models for option: PeaceEar-PI (Full Bone Conduction for Police), PeaceEar-PII (Semi Bone Conduction for Police), PeaceEar-FI (Full Bone Conduction for Fire Fighter), PeaceEar-FII (Semi Bone Conduction for Fire Fighter), PeaceEar-MI (Full Bone Conduction for Military), and PeaceEar-MII (Semi Bone Conduction for Military).

