

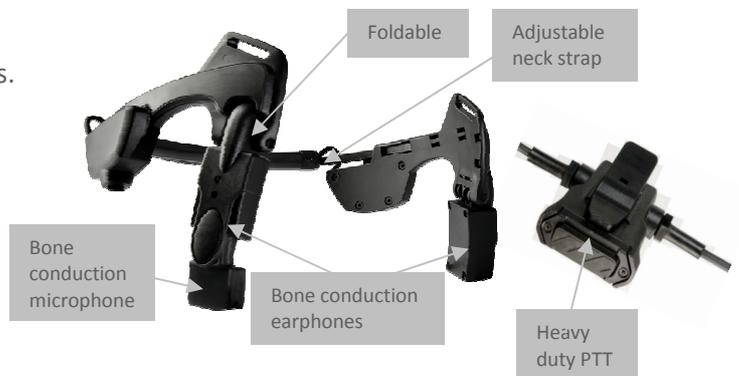
## Product And Company Identification:

<b>Product:</b>	CXE19 Headset	<b>Date Prepared:</b>	March, 2013
<b>Manufacturer's Name:</b>	Entel UK Limited,		
<b>Address:</b>	320 Centennial Avenue, Centennial Park, Elstree, Borehamwood, Herts ,WD6 3TJ		
<b>Telephone Number:</b>	+44 (0)20 8236 0032		
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## BENEFITS

- Ears free, maintains audible spatial awareness.
- Less susceptible to background noise.
- NBC mask compatible.
- Whisper speech capabilities under stealth conditions.
- Usable with most helmets and balaclavas.
- Waterproof.



## APPLICATION

The design of modern soldier equipment aimed at enhancing combat effectiveness has to take into account a variety of human factors.

The CXE19 headset uses bone conduction for both earphone and microphone. Its characteristics enable its use in ambient noise and it is adaptable to match military radio standards (Personal Role Radio PRR).

The headset is highly suitable for stealth situations.

The headset has been designed to optimize the following characteristics:

- Intelligible communications:
- Comfort.
- Very lightweight.
- Rugged.



## FEATURES

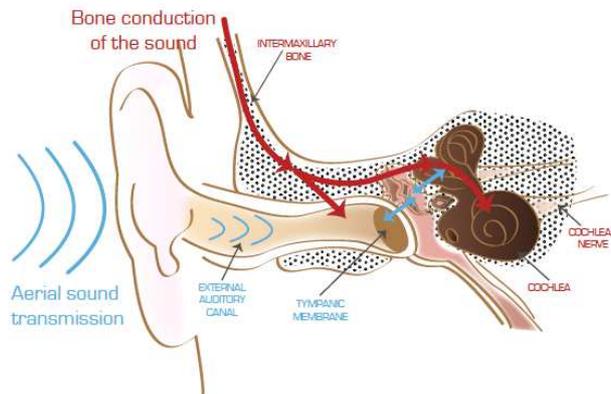
Features for the Headset:

- Foldable earphones.
- Adjustable neckband and strap.
- Bone conduction earphones (right and left).
- Bone conduction microphone.
- Adjustable to any head size.
- Weight: 130 g (excl. PTT and connector).
- Waterproof (80cm of water: 30 minutes).
- Distortion: -5%.
- Power supply: 2.7V to 6V



## BONE CONDUCTION

Shown below is a diagram of how the Headset works with its bone conduction technology:



## MODEL NUMBERS/SUPPLIED ACCESORIES

CXE19\750

- Bone Conductive Headset for HT Series supplied with waterproof PTT.

CXE19\450

- Bone Conductive Headset for HX Series supplied with waterproof PTT.

## ENVIROMENTS/EMC

- Operating temperature: -25C to +55C
- Storage temperature: -40C to +70C
- Humidity: 93% at -40C
- Tests: vibration, shock, shake, drop, salt spray, rain, EMC according to standards GAM EG 13A – MIL STD 810E – MIL STD 464.