

Bone Conduction Ear Mic Instruction

This is a bone conduction ear mic with lapel microphone. The Push to Talk (PTT) should be clipped to your chest area and the cable should go around your body as shown in Fig 1. This earphone is in compliance with RoHS and CE directive.



Fig 1

Precaution:

Microphone is in your ear.

Audio quality will ONLY be optimal if inserted correctly.

Keep the volume as low as allowed to protect your hearing.

Don't pull the cable excessively.

Features:

Integrated microphone and speaker. Talk by your ear.

The ergonomic soft shell is comfortable to wear.

Anti-noise (to 95dB) and little wind-interference.

High grade Kevlar enforced PU cable.

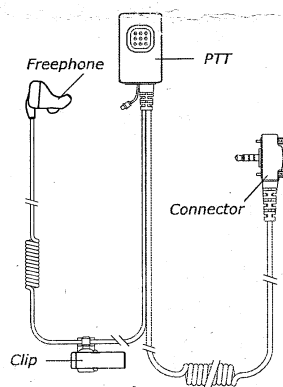


Fig 2

How to wear:

- 1) Turn the radio volume to minimum and turn off the radio.
- 2) Plug in the Connector into the radio firmly. Once the earphone is connected, the radio speaker and microphone are disabled.
- 3) Clip the PTT onto your lapel or chest area.
- 4) Hold Freephone using thumb, index and middle fingers. Index finger presses against the back of Freephone with Tail of Freephone pointing towards your palm as show in Fig 3. Thumb and middle fingers hold the sides of Freephone lightly.
- 5) Insert Freephone into your ear following the arrow as shown in Fig 4.

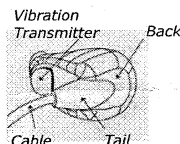


Fig 3

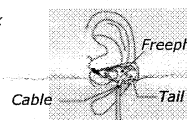


Fig 4

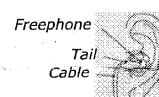


Fig 5

- 6) Adjust Freephone position slightly to make sure Vibration Transmitter makes solid but comfortable contact with your ear channel. When worn correctly, the Tail of Freephone should point towards your nose tip, see Fig 5.

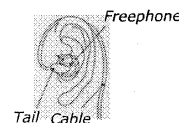


Fig 6

- 7) Circle the Cable around your ear as shown in Fig 6.



Fig 7

- 8) Mount the Clip on your clothes directly below the wearing ear as shown in Fig 7 so that there is slight tension in the coiled cable and you are comfortable.

- 9) Turn the radio back on and adjust the volume to appropriate level.

- 10) Press and hold the PTT to transmit and release to receive.

Ear Holders: (Order Separately)

Ear Holders can be used with Freephone for better comfort and fixation, see Fig 8.

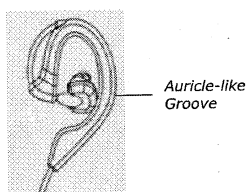


Fig 8

Service

The clear tube earphone is not field repairable.



Disposal of the earphone:

Please do not dispose of electrical accessories with your household waste. In some countries or regions, collection systems have been set up to handle waste electrical and electronic items. Please contact your regional authorities for more details.

Specification:

Speaker

| | |
|----------------------|---------------------|
| Dimension | Φ13mm*2.8mm |
| Impedance | 320Ω±15 % at 1000Hz |
| Rated input power | 50mW |
| Maximum input power | 0.1W |
| Sound Pressure Level | 108±3dB at 1000Hz |

Microphone

| | |
|-------------------|----------------------------------|
| Type | Piezoelectric Accelerometer |
| Impedance | <2.2 kΩ |
| Sensitivity | -31±5dB at 1000Hz(0dB=1V/0.316G) |
| Operating Voltage | 2.5~10VDC |

Cable

| | |
|-------------------|---|
| Cable description | Plug cable: 3.2mm coiled. Earphone cable: 2.3mm coiled wrapped with Kevlar |
|-------------------|---|

PTT

| | |
|-----------|------------------|
| Dimension | 44.1*26.3*11.5mm |
|-----------|------------------|