

OC-Headset-T88/T88X SERIES v1.0

THROAT MICROPHONE

Quick Start User Guide



CE FC RoHS

INTRINSICALLY SAFE
ATEX Ex ia IIC T3 Ga



Ocean one[®]

—、 Overview

1.1 Functions

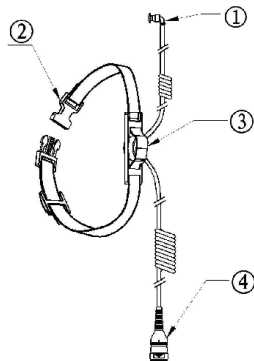
The throat conduction headset is a Compact and lightweight communication unit designed for extremely dangerous environment. It can be used easily and help you free your hands completely, and will help to enhance personal safety and improve work efficiency . The speaker and the microphone are integrated in a small area. The receiving voice is delivered to the inner ear through the transparent tube. So the communication content is safe and confidential and will not leak . So the communication content is safe and confidential and will not leak .

Speaker Microphone is flexible to wear, voice clear, can be used alone, can also be used with headphones, suitable for a variety of uses, including applications in explosive environments; super large PTT design, not only can easily activate, but also provide a very clear call quality, Easy to perform various complicated tasks.

1.2 Product Features

- Throat vibration microphone
- Easy-to-hide transparent air duct
- More comfortable long-time wear, not easy to fall off
- Do not affect the use of protective equipment such as masks and helmets
- Intelligent human voice recognition and anti-noise performance.
- Waterproof and dustproof, firm connection, suitable for firefighting and dangerous task

二、Parts introduction



Throat conduction headset

- ① TPU transparent tube earplug
- ② Installation buckle: unique design, flexible adjustment of the length of the buckle, it is comfortable and firmly buckled on the neck
- ③ Pickup (Bone conduction Microphone): collects the vocal cords transmitted to the larynx and converts the vibration signal into a voice signal
- ④ Connector: Connects to the PTT control button

Throat conduction headset parameters

| | |
|-----------------------|--|
| Weight | 64g |
| Mic | vibration sensor, noise attenuation 30dB |
| Speaker | 32ohm, air tube transfer |
| Cable | straight line (flame retardant): 4.2mm/750mm |
| Connector | 6pin quick plug-in type |
| Operation temperature | -25—63°C |
| Operation voltage | 2,5...10,0vdc |
| Humidity | 95%RH, +63°C, 500 hours (continuous) |

TPU the transparent tube

TPU material sound tube,aging resistance,corrosion resistance , not easy to detormation,strong tensile ability.



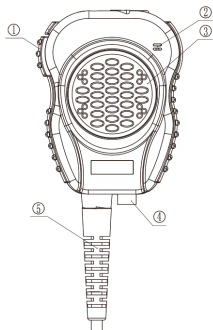
The 6 pin quick plug connector

Anti corrosion,anti aging,impact resistant,anti misplug,fast connection.



Throat vibration MIC

Throat vibration microphone type design,strong anti-noise ability, great sound effects.



Speaker microphone

- ① Side PTT: Need to manually activate the radios
Press the button, the same function and ③
- ② Microphone: The microphone is on when the headset is not connected
- ③ Loudspeaker/PTT button: Both shoulder microphone speaker and PTT button to activate radios
- ④ Connector Outlet: Headphone Port/Charge Port
- ⑤ Connect the communication line of the walkie-talkie

Speaker microphone parameters

| | |
|-----------------------|------------------------------------|
| Material | polycarbonate,silicone rubber |
| Cable | 4.3mm spring line(flame retardant) |
| Connector | 6 core quick plug-in type |
| Operation temperature | -25—60°C |
| Operation voltage | 3.7vdc(M3-A/M3-W) |
| Protection grade | IP66 |
| Humidity | 95%RH,+63°C,500 hours (continuous) |
| Weight | 180g |
| Size | 87*68*42mm |

Dual PTT button design

Side PTT button, ergonomic design



Speaker/Big PTT button

It is not only the speaker, but also the PTT button. You can use it more convenient.



The 6pin quick plug connector

You can choose the appropriate headset according to the need to use, and can use it alone without connecting headset.



Adaptive to various types of radios



三、 Installation and use

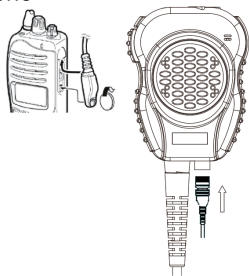
Throat conduction headset

- 1、 Use the mounting strap to fasten the headset on the neck
- 2、 In order to wear comfortable, try to place the microphone on the side of the neck ,as shown on the right picture
- 3、 Put the earphone carefully into ear
- 4、 Slightly shake the earphone and fix it in ear
- 5、 Connect the throat conduction headset and the digital remote speaker microphone through six-pin connector



Speaker microphone

- 1、 Insert the speaker microphone connector into the walkie-talkie
- 2、 Connect the connector of the communication headset to the socket of the speaker microphone
- 3、 Put on headphone and open the radio;



Contact

For more information about our products please contact us:

Tel: +86(0)20-8236-9196 E-mail: info@hzhmarine.com

Web: www.hzhmarine.com / www.huazhihang.com

All Rights Reserved. HZH Marine Group Co.,Ltd.