

Headset with bone conduction Speaker

This is a headset with bone conduction speaker and big PTT. The headset should be worn as Fig 1 with the speaker flatly attached to the face and the big PTT clipped onto the chest. This headset is in compliance with Rohs and CE directive.



Fig 1

Precaution:

When a helmet should be worn, please wear the helmet first and then the headset.

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

Don't pull the cable excessively.

Features:

Ear is not obstructed and ambient sound is allowed.

Rubber covered and adjustable behind-the-head structure for comfortable and secure wear

High grade Kevlar enforced PU cable

Easily operated big PTT



Fig 2

What's included:

This headset should come with a velcro strap as shown in Fig 2 and an extra foam for boom mic.

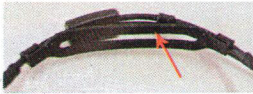


Fig 3



Fig 4



Fig 5



Fig 6

3) Please make sure the transducer housing is in flat contact with your face to achieve optimal audio performance.



Fig 7



Fig 8

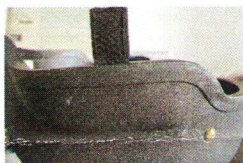


Fig 9



Fig 10

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.



How to wear:

1) Turn the radio volume to minimum and turn off the radio.
2) Clip the big PTT onto the clothes and plug the connector to the radio.

3) adjust the horizontal width of the headset to fit your head: a rubber strap over the headband is to help you easily do that. Slide it up and down to change the width as Fig 3. If the headset is still too tight or too loose, the headband is made of spring steel and you can bend it outwardly or inwardly as shown in Fig 4 and Fig 5 to change the width. When a desirable width is achieved, the headset should be comfortably and securely worn.

4) adjust the position of the transducer housings: the audio will be the best when the transducer housings are right below the pinna and flatly in contact with the face. The transducer housings are revolving to help you to adjust the contact. Please see Fig 6 for reference. If it is still not ideal, you can squeeze or extend the headband where the earings come out to adjust the position of the transducer housings, as shown in Fig 7 and Fig 8.

5) Attach Side A of the Velcro Strap to the sponge pad of helmet with one end 3-4cm away from the helmet as shown in Fig 9. Wear the helmet on the head.

6) Wear the headset and mount the 3-4cm end of the velcro strap onto the headset through the earing of the headband as shown in Fig 10. Slide the strap tight and mount the other end.

7) The boom mic is noise cancelling. Please adjust it with the mic facing the mouth and 2-3cm away.

NOTE

1) The headband is made of spring steel and can be adjustable. Please don't over abuse it.

2) The boom mic is noise cancelling. Please make sure it is 2-3cm away from the mouth.

Specification:

Speaker

Sensitivity	125±4dB(0dB=1MV/1μN)
Impedance	DC:8±3 ohm AC:30±10 ohm
Rated Input Power	50mW
Maximum Input Power	100mW

Microphone

Type	Noise Cancelling Microphone
Impedance	2.0 kOhm
Sensitivity	-49±3dB at 1000Hz(0dB=1V/Pa)
Operating Voltage	1.1-10VDC

Technical Information

When we hear sound, sound waves enter the ear and strike the eardrum, which converts the air vibration into physical vibration, and conveys that vibration to the auditory organs. These vibrations are converted into signals, carried by nerve cells to the brain.

However, we also recognize as sound vibrations that reach the auditory organs without passing through the eardrum, such as those passing through the bones of the head. We call this type of hearing "bone conduction."

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If you are having an issue with this headset, please visit CodeRedHeadsets.com Warranty Information page for help. Email us with "RMA Request" in the subject line to receive Warranty forms and a RMA number.