

# Hear Glue Ear

Bone conduction headsets work by changing sound into a vibration which is routed across the bones of the skull to the inner hearing system (cochlear).

This enables sound to by-pass the middle ear and directs sound straight to the inner hearing.



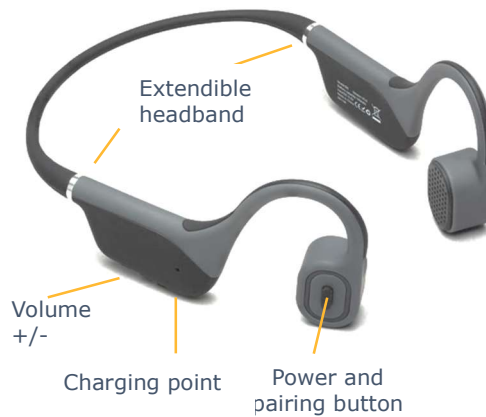
A bone conduction headset can pair via Bluetooth to a microphone to hear someone speaking.

If the microphone is turned off, the headset can also be paired to a device such as phone, iPad, tablet or computer, to listen to music, audiobooks, films or apps.

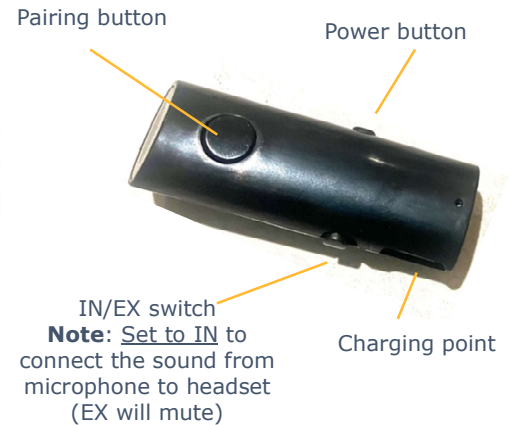
# Bone Conduction Headset and Microphone

## User Guide

### Bone Conduction Headset



### Bluetooth Microphone



## How to wear the Headset

The headset fits around the back of the head. The pads should sit on the bones and cartilage in front of the ear. A gap is usual at the back. There are extendible side arms to adjust the size.



## Pairing the Headset and Microphone

Turn the headset on using the power button, holding down for 2 seconds. The headset will announce 'power on' and a light on the side of the headset will start to flash.

Turn the microphone on by sliding the power button to ON.

Set the IN/EX switch to IN to connect the sound from the microphone to the headset.

- 'IN' – to transmit the sound from the microphone.
- 'EX' – to mute the microphone.

The headset and microphone are automatically paired.

If you need to manually pair, hold down the pairing buttons for ~ 5 seconds on both the microphone and headset (until you see flashing lights). The headset will announce 'your headset is connected'.

To check the microphone has paired, speak into the microphone while wearing the headset.

## Volume controls

Press the +/- buttons to change the volume. The volume should be at a comfortable listening level, it should not be too loud or too quiet.



## Research

Research has shown some children with glue ear may benefit from a bone conduction headset. (The children in the research were 4 years old or older).

When a child wears the headset, an adult with good hearing should always check the volume level first before handing the headset to the child. The volume should not be too loud.

The headset can be extended to fit an adult and retracted back again to fit a child.

### PLEASE NOTE:

The kit is not waterproof but can be cleaned with a damp or pre-moistened disinfectant wipe avoiding the microphone grill and ensuring the charging ports are covered. The equipment should not be used if it shows signs of discolouration or degradation.

## Charging the Headset & Microphone

USB cables are provided to charge the headset and microphone.

The charging port is at the side of the headset and similarly, there is a charging port at the side of the microphone.

Headsets remain charged between 4-5 hours a day.



## Who should wear the headset?

The headset can be used by any member of the family to use like any set of headphones. Research has shown bone conduction headphones may suit those with middle ear hearing difficulties, such as glue ear, because the bone conduction technology routes sound directly to the inner hearing, avoiding the middle ear.

## How long should the headset be worn?

You can wear the headset for as long as you wish. The charge will last between 4-8 hours so it will need to be recharged if it is used all day.

## Where to use the Headset & Microphone

Examples of where to use the headset & microphone are in a workplace or classroom listening to speech. The Microphone can clip onto the clothing of a teacher for example, or placed in the center of a table, so the speech can be heard through the headset, even with background noise.



The potential benefit is the headset (when paired with the microphone) is to help people listen to speech when the speaker is a few meters away, or where a person needs to hear someone speak over background noise.

## Pairing the headset to other devices?

The bone conduction headset can be paired using Bluetooth settings to other devices, such as a computer, tablet, or phone.

[www.hear glueear.co.uk](http://www.hear glueear.co.uk)