

Department of Paediatric Audiological Medicine

Bone conduction hearing aid



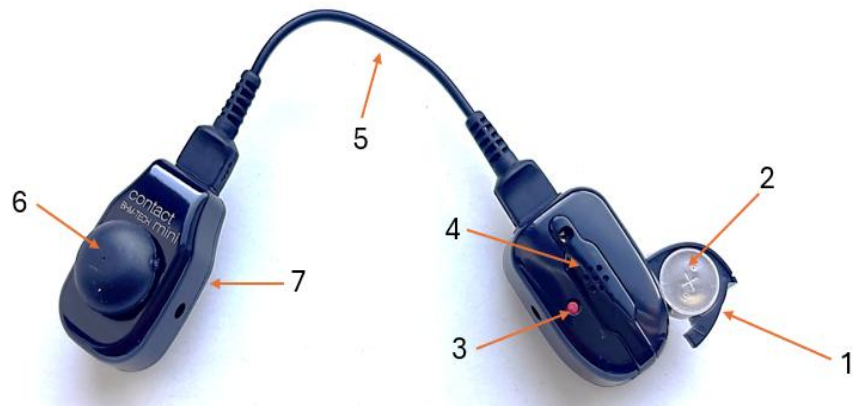
What is a bone conduction hearing aid?

A bone conduction hearing aid is a special device that helps people to hear better.

It works by changing the sound to vibrations. The vibration is then sent through the vibrating pad that rests behind your child's ear into their inner ear.

What does a bone conduction hearing aid look like?

1. Battery compartment
2. Battery size 13 (Orange)
3. Child Lock
4. Microphone port
5. Cable
6. Safety cap
7. Bone conduction receiver



What type of headband can be used with a bone conduction hearing aid?

A hard headband



A soft headband



How do I turn the hearing aid on and off?

- The hearing aid does not have a separate ON/OFF button.
- The hearing aid will start to work as soon as you put a battery into the battery drawer and close the battery door.
- The hearing aid can be switched off by opening the battery door.

How do I open and close the battery door?

To open, press down on the red child-safety button with the screwdriver (you will receive this at the hearing aid fitting).



To close, carefully swing the battery door towards the hearing aid.

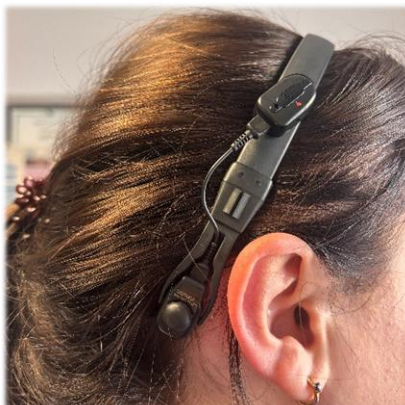


How should the hearing aid and band be worn?

You should put the hearing aid and band onto your child's head as the audiologist showed you.

You must make sure that:

- It fits snugly onto your child's head but is not too tight
- The vibrating plate of the bone conduction receiver is resting against your child's head
- The conductor plate is touching their skin
- The hearing aid is not touching their ear
- There is no hair between the vibrating plate and your child's skin, as this may cause the hearing aid not to work properly
- Items, such as hats and glasses, do not touch the hearing aid.



How do I look after the hearing aid?

- Remove the battery and store safely away from children
- Clean the hearing aid thoroughly using a clean, **dry** cloth.
- Store the hearing aid overnight keeping the battery door open – this is to let any moisture evaporate (disappear)
- Check your child's hearing aid and headband carefully each day to make sure they are not damaged

How do I clean and look after the hard and soft headband?

Hard headband:

- Remove the electronic component and bone conduction vibrating pad
- Use a damp cloth to wipe any sweat and moisture away and then wipe it with a dry cloth. This should be done every day.

Soft headband:

- Remove the electronic component and bone conduction vibrating pad.
- Hand wash the **soft band** with soapy water
- Allow the soft band to dry before using it again - please do not tumble dry.

What if the hearing aid is not being used?

- Take the battery out when the hearing aid is not being used.
- Store the hearing aid in a safe place without the battery.
- Keep the hearing aid and the battery out of reach of children.

What should I do if the hearing aid is not working?

If the hearing aid does not seem to be working or your child does not seem to be hearing well with it on, try the following to see if you can fix the problem yourself:

- Check the battery is in correctly or replace the battery
- Check cables and connections for any signs of damage.

If the hearing aid is whistling, squealing or buzzing whilst your child is wearing it:

- Check the bone conduction hearing aid is sitting correctly on your child's head
- Check the hearing aid is away from any mobile phones or other electronic devices
- Check that items, such as hats and glasses, are not touching the hearing aid
- Check that your child's ear is not touching the hearing aid.

What should I do if the hearing aid is still not working?

Please contact the department at the end of this leaflet if the hearing aid is not working.

You can also call this number if the hearing aid is lost.

How can I get new batteries?

You can get new batteries by calling the department and ask for orange batteries.

They can be collected or can be posted out to your home address.

We would advise you to change the battery once a week.

Battery warning

Swallowing a battery can cause serious harm or death. Even dead or 'flat' batteries can cause serious harm or death.

Batteries pushed into ears or nostrils can also cause serious injuries.

What should I do if my child swallows a battery?

This must be treated as a medical emergency. You must take your child to your local Accident and Emergency (A&E) department immediately.

Please follow the advice below to help stop battery accidents happening:

- Keep batteries out of reach of infants and young children, as they may mistake them for sweets
- Store spare batteries where your child cannot reach them
- Do not leave dead batteries lying around. When you remove one, store it somewhere safe until you can recycle
- Do not leave batteries loose in drawers or on surfaces
- Watch out when opening multi packs of batteries in case they fall on the floor
- Never change the battery in front of your child
- Teach older children why batteries are dangerous and why they must never put them in their mouth or swallow them.

Please talk to your local audiologist if you feel there is a high risk that you, or a child you are caring for, may swallow a hearing aid battery

Contact information

Department of Paediatric Audiological Medicine
Bridges Learning Centre
Crow Wood Lane
Widnes
WA8 3LZ

Telephone - 01744 624933

Please be aware a hearing aid is a valuable medical device loaned to you by the NHS.

Please make every effort to keep it safe when not being used and to return it when it is no longer required

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