User’s Manual for Baha® Classic 300

Baha® Classic 300 is a bone anchored sound processor which allows you to hear via direct bone conduction. Direct bone conduction means that sound is transmitted directly through the skull bone via a titanium fixture, bypassing the middle ear. The sound processor is held in place by an abutment which is directly connected to the fixture. The titanium fixture is firmly anchored in the bone by the process of osseointegration.

Please read this manual carefully to learn about your sound processor. Be sure to discuss any questions or concerns that you may have regarding hearing or use of this system with your hearing health care professional.

Illustration of the sound processor

This list refers to the illustration located on the inside of the front page.

1. Volume control, on/off  6. Microphone
2. Tone switch  7. Plastic snap
3. Electrical input  8. Attachment for safety line
4. Battery compartment  9. Serial number
5. Battery cover

How to connect and disconnect the sound processor

A plastic snap is mounted to the sound processor. It is designed to snap into the abutment and hold the sound processor securely in place.

Connecting

Hold the sound processor so that the plastic snap is accessible and move any hair away from the abutment. Bend and push the unit in carefully and it will attach to the abutment.

Disconnecting

Bending the sound processor slightly in any direction will release it from the abutment.

Note: Do not push the sound processor straight in and do not pull it straight out.
**Volume control**
If you turn the volume control upwards the volume increases and if you turn it downwards it will decrease. If you want to switch off the sound processor, turn the volume control all the way down until it clicks off.

**Tone Switch**
The tone switch has three positions:

**Position N**
This is the normal position. It is set to enable you to hear normal conversation as clearly as possible.

**Position L**
This middle position has a softer sound with less treble. It is intended for use in noisy environments such as in traffic, workplaces or where there is a considerable amount of interference noise from cutlery, dishes etc. You may sometimes need to increase the volume.

**Position E**
In the bottom position, the internal microphone of the sound processor is disconnected. Use this position if you want to connect external equipment such as a telecoil unit and want to listen through the telecoil only.

**Electrical input**
The sound processor has a three-pin electrical input designed for connecting external equipment. Note that the red marking on the plug must match up with the corresponding marking on the sound processor.
- Set the position of the tone switch on N or L if you want to listen both from the internal microphone and the external equipment.
- Set the switch on E if you want to listen through the external equipment only.

**Accessories**
There are several accessories available for your sound processor. Please contact your hearing aid centre for more information.
Safety instructions when connecting external equipment

Only connection cables supplied by Entific Medical Systems should be used. Non-standard connecting cables can cause damage to the sound processor and injury to the patient.

Entific Medical Systems is not liable for any damage arising as a result of using incorrect equipment or incorrect use.

**Warning!** It is extremely dangerous and potentially fatal to connect any equipment that is plugged into a 110 and/or 220 V power supply without using the audio adapter.

Battery replacement

Mercury or zinc-air batteries type 675 should be used. Please note that these batteries are not rechargeable.

Open the battery compartment by sliding the cover downwards. Turn the sound processor over and the battery will fall out. Shake the device gently if the battery has stuck.

Place the new battery with the + mark facing outwards. Press the battery down with your thumb and close the cover. If you can not slide the cover back easily, the battery might be incorrectly inserted. Please check the + mark.

Maintenance

The sound processor can be worn during waking hours apart from when you take a shower, swim or engage in physical activity that might damage it. Ensure that the sound processor is switched off when not in use to save the battery.

At night, and in a clean environment, the box and battery compartment may be left open to allow any trapped moisture to evaporate.

**Warning!** The Baha sound processor contains small parts that may be a risk for small children.

Batteries can be harmful if swallowed. Be sure to always keep your batteries out of reach of small children or people of diminished mental capacity.

In the event a battery is accidentally swallowed, seek prompt medical attention at the nearest emergency centre.
Cleaning
You must clean the skin around the abutment daily. Skin debris may build up around the abutment and it is important that you remove it. Use a soft cleaning brush, soap and water.

Contact your doctor if you have persistent problems such as soreness, formation of pus or inflammation around the abutment.

For children who have been fitted with a Baha it is extremely important that the parent or caregiver of the child inspect and aid in the proper cleaning and maintenance, as detailed in the information above.

Abutment cover
An abutment cover is included in the kit. It can be placed over the abutment when the sound processor is not in place. Simply press the cover on to the abutment.

Attachment of the safety line
When you engage in physical activities we advise you to attach a safety line to your sound processor so that it is not lost if it disconnects. The clip can then be fastened to your shirt or jacket collar.

Telephones
To use a telephone with your sound processor, hold the receiver in the normal way, but close to the microphone inlet of the sound processor instead of close to your ear. It is important that you do not touch the sound processor since this may cause feedback ("whistling").

Share the Experience™
The test rod provided can be used by others to listen to your Baha sound processor themselves. Snap the sound processor on to the test rod and hold the rod against the skull bone behind the ear (take care not to allow the sound processor itself to touch anything as this may cause feedback).
**General advice**

- The sound processor is not waterproof! Never wear it in the bath or shower! If it gets wet by accident open the battery door immediately and take the battery out. Leave the battery door open until it is dry.
- Do not expose the sound processor to extreme heat etc.
- If you are to undergo an MRI (Magnetic Resonance Imaging) procedure, the sound processor should be removed beforehand. The fixture and the abutment remain in place.
- Your sound processor should be protected from dust and dirt so always keep it in its box when not being worn.

**Troubleshooting**

- If redness and/or soreness occurs, clean the skin around the abutment and apply a mild antibiotic cream/ointment provided by the clinic.
- If redness and/or soreness persists you should contact your clinic.
- If the sound processor makes a crackling or buzzing sound try changing the battery.
- If the sound processor does not work (is silent), change the battery and check that the position of the volume control + the tone switch is correct.
- If the problems persist you should contact your hearing aid centre.
Service and repairs
If there is a fault with your Baha sound processor, contact your ear clinic or hearing aid centre and they will help you to get it serviced.

Telephone number of hearing aid centre: __________________________________________

Contact person: __________________________________________________________________

Telephone number of ear clinic: _________________________________________________

Contact person: __________________________________________________________________

Manufacturer’s Warranty
Entific Medical Systems will repair or replace your Baha sound processor without charge during the warranty time if defective materials or workmanship cause the system to be inoperable. The warranty does not cover loss or damage to the sound processor. Batteries and accessories are not covered under the manufacturer’s warranty. Please consult your hearing healthcare professional for exact duration, further terms and extent of this warranty.

Your opinion is important. If you have any suggestions for product improvements, please write to the address on the back of this manual.
Instructions for use in the USA

_Caution: Federal law (USA) restricts this device to sale by or on the order of a medical practitioner._

A prospective user of the Baha® system must always have a medical evaluation by a licensed physician (preferably an ear specialist) and have an implant placed in the skull bone before the sound processor can be dispensed. A sound processor will not restore normal hearing and the use of it is only a part of hearing rehabilitation. Infrequent use of a sound processor does not permit a user to attain full benefit from it.

**Warning!** Batteries can be harmful if swallowed. Be sure to always keep your batteries out of reach of small children or people of diminished mental capacity. In the event a battery is accidentally swallowed, seek prompt medical attention at the nearest emergency centre, or call the national Button Battery Hotline collect at (202) 625-3333.