

# BAHA<sup>®</sup> Classic 300

## user's manual

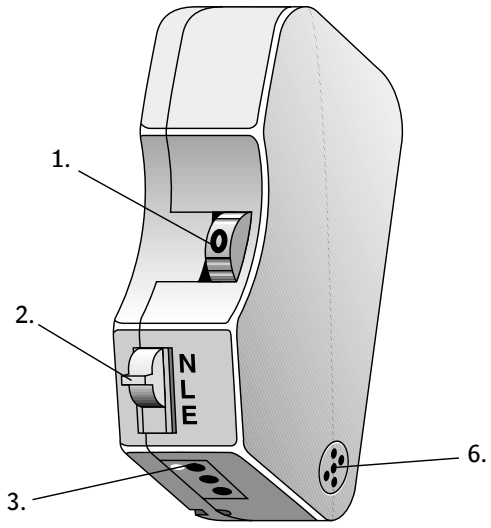
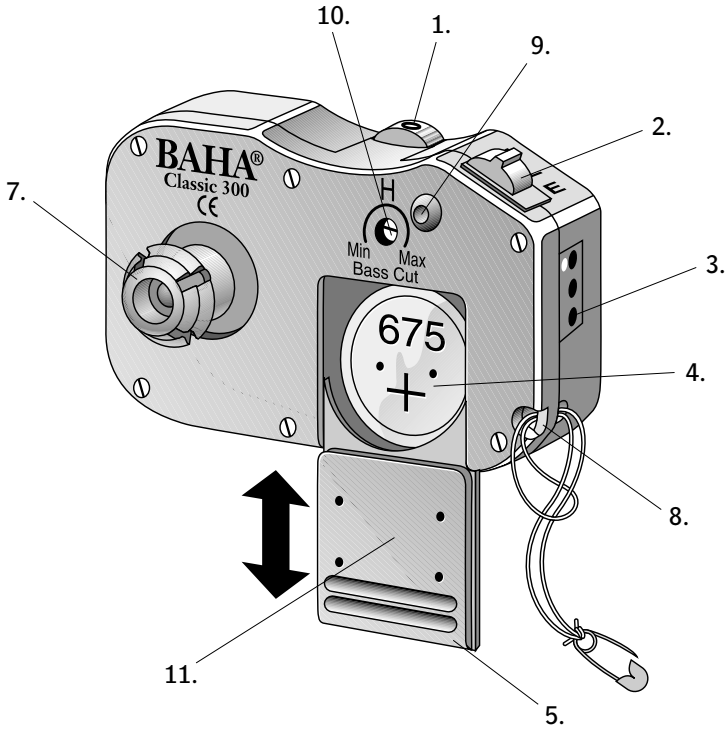
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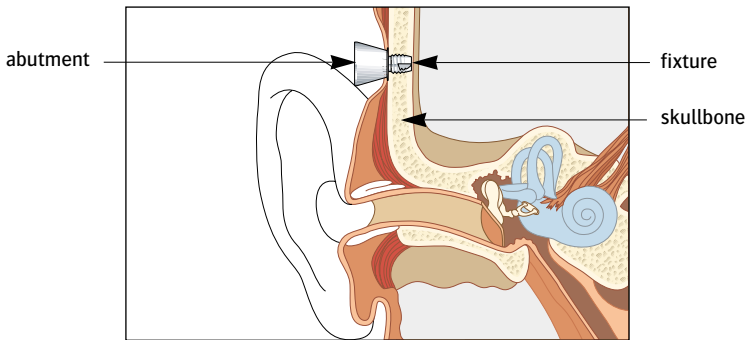
by Entific Medical Systems

sound sense for a better life



## 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 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.

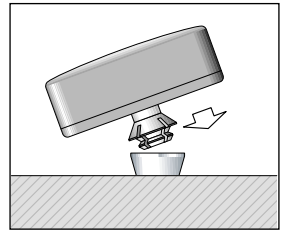
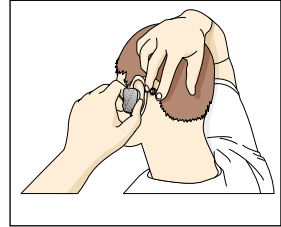
- |                           |   |
|---------------------------|---|
| 1. Volume control, on/off | 7. Abutment snap                                  |
| 2. Tone switch            | 8. Attachment for safety line                     |
| 3. Electrical input       | 9. Gain control cover<br>(gain is factory preset) |
| 4. Battery compartment    | 10. Tone control (bass cut)                       |
| 5. Battery cover          | 11. Serial number                                 |
| 6. Microphone             |   |

## How to connect and disconnect the sound processor

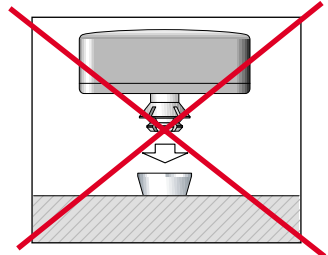
An abutment snap is mounted to the sound processor. It is designed to snap into the abutment and hold the sound processor securely in place.

### Connecting

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

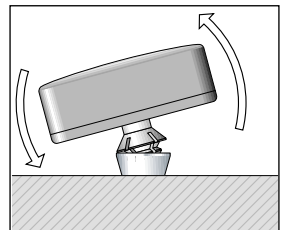


**Do not push the sound processor straight in.**

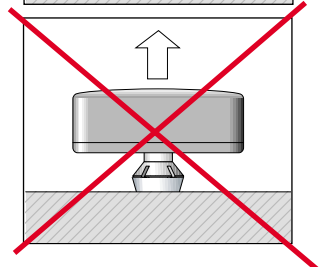


### Disconnecting

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



**Do not pull the sound processor straight out.**



## Volume Control and Tone Switch

### Volume Control

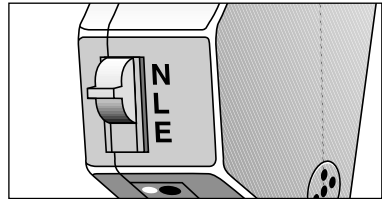
If you turn the volume control upwards the volume increases and if you turn it downwards it will decrease. If you want to switch off the sound processor, turn the volume control right down until it clicks.

### Tone Switch

The tone switch has three positions;

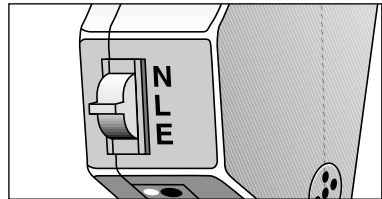
#### Position N

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



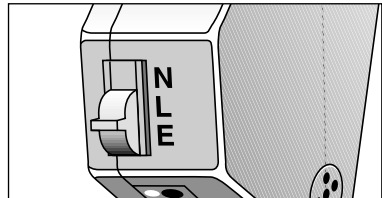
#### Position L

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. The volume may sometimes need to be increased.



#### 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**.

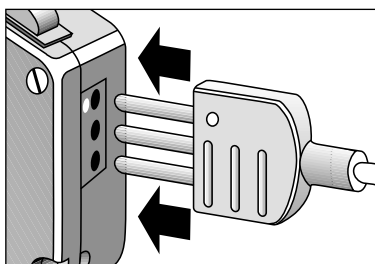


## Electrical Input and Accessories

### Electrical input

The sound processor has a three-pin electrical input designed for connecting external equipment. Note that the red dot on the plug must match up with the dot 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

A directional CROS microphone unit, a telecoil unit and an audio adapter are 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.

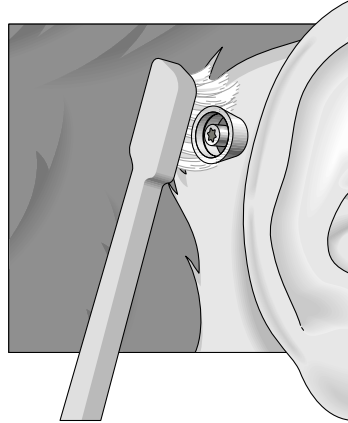
**Please note: It is extremely dangerous and potentially fatal to connect any equipment that is plugged into a 110 and/or 220 V power supply without using the audio adapter.**

## 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.

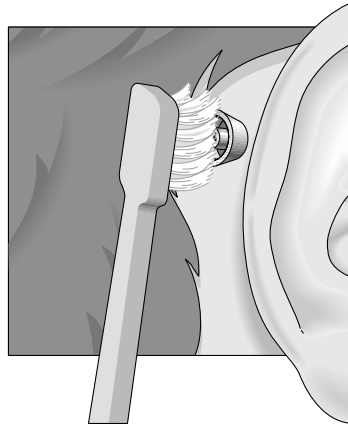
### Daily care

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 warm water.



### Weekly care

Skin debris can also build up inside the abutment or on the abutment snap itself. This can be removed by using a slightly moistened soft cleaning brush.



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

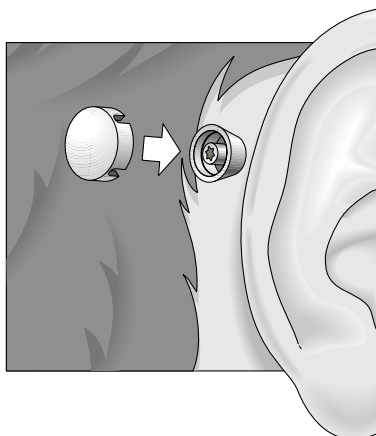
### **Regular inspection of the abutment in the bone**

Always check that the abutment is firm. You can do it yourself or ask your ear clinic or hearing aid centre to help you at your routine appointments, about every six months. It is essential that the abutment is firm, for both hygienic and acoustic reasons.

**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 attached to the abutment when the sound processor is not in place. Simply press the cover on to the abutment.



## Battery replacement

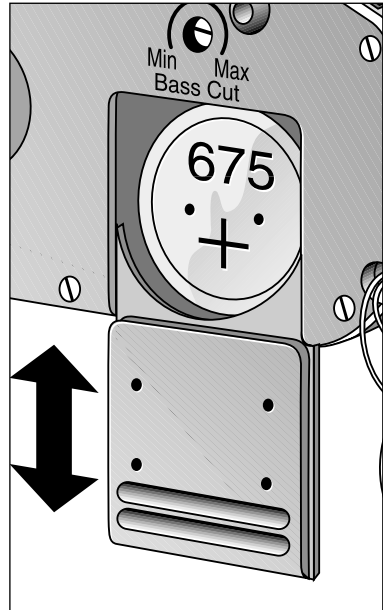
Mercury or zinc-air batteries type 675 should be used. Please note that these batteries are not rechargeable.

### To remove a battery

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.

### To insert a battery

Insert a 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.



You can easily check if your sound processor is working. Turn the volume up and hold the abutment snap with your fingers at the same time as you blow into the microphone. You should now feel the vibrations in the sound processor. They are not strong but should still be clearly felt.



**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.**

## Telephones

To use a telephone with your Classic 300 you set the tone switch in position N or L. Hold the receiver in a normal manner 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”).

## Attachment for safety line

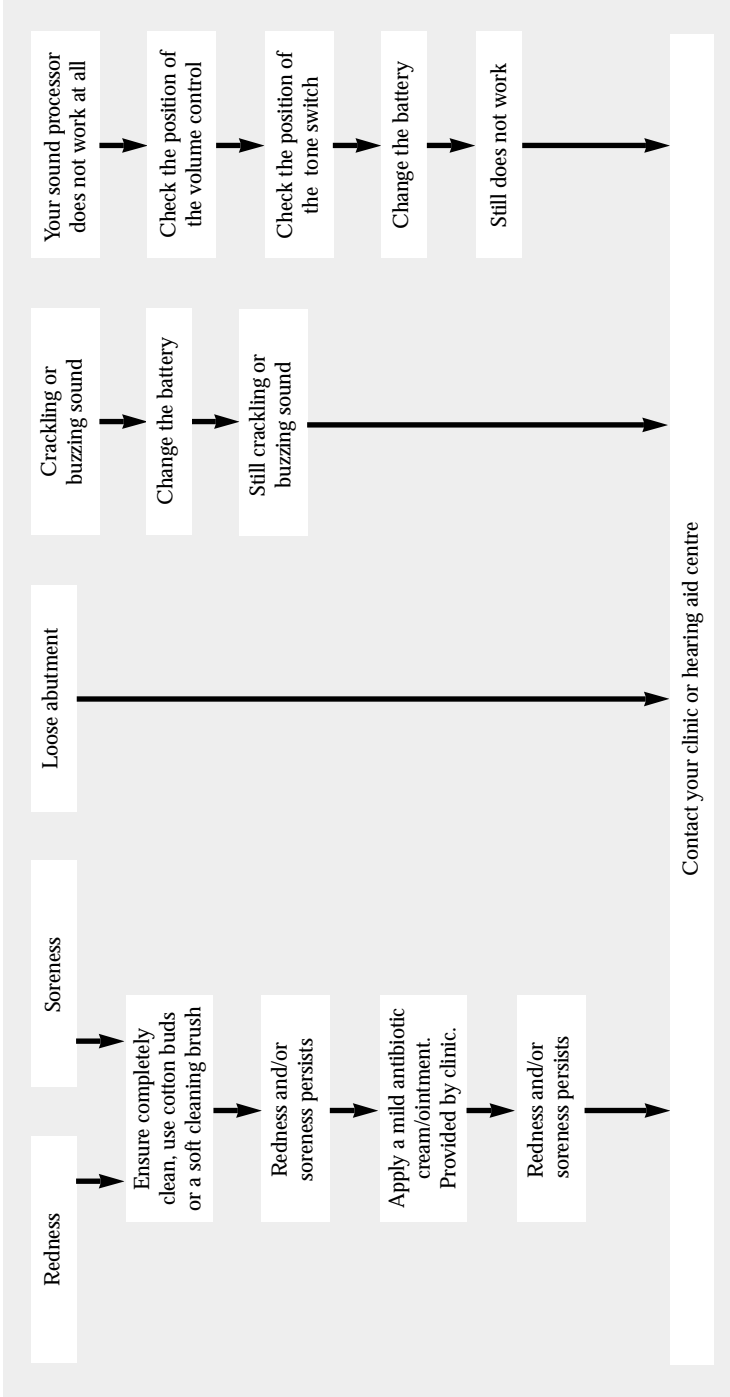
When you engage in physical activities we advise you to attach a safety line to your sound processor so that it is not lost if it disconnects. See the illustration located on the inside of the front page. The safety pin can then be fastened to your shirt or jacket collar.

## General advice

- The sound processor is not waterproof!  
Never wear it in the bath or shower!
- 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 prior to the procedure. The fixture and the abutment should still remain in place.
- A hearing aid will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions.
- Infrequent use of a hearing aid does not permit a user to attain full benefit from it.
- The use of a hearing aid is only a part of hearing rehabilitation and may need to be supplemented by auditory training and instructions in lip-reading.

**Please note! The BAHA sound processor contains small parts which may be a risk for small children.**

# Troubleshooting



## **Service and repairs**

If there is a fault in your 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 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.**