

XTREME

Behind-the-ear hearing instruments

INSTRUCTIONS FOR USE

bernafon[®]
Your hearing · Our passion

Summary

Operating Instructions for BTE (Behind-the-Ear) Hearing Instruments

Features	3
Inserting Earmold	4
Positioning Instrument	6
Removing Earmold & Instrument	6
ON/OFF	7
3-Position Switch	9
Telecoil	10
Status light	11
Battery Replacement	12
Battery Indicator	13
Battery Information	14
FM and DAI (Direct Audio Input) Shoe	16
Safety Guidelines	18
International Warranty	20
Switch and Program Configuration	21

The following hearing instruments are covered in these operating instructions



XTREME 120



XTREME 121

Congratulations on the purchase of your new hearing instruments. These advanced devices are fully digital, and have been adjusted by your Hearing Care Professional with the aid of a computer and specially developed software.

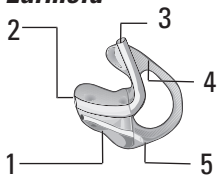
Please follow these instructions when using and caring for your new hearing instruments. These guidelines will help you to achieve the best possible results from your instruments and to once again enjoy the sounds of life, your family, friends and environment.

Important

Please read the entire content of these instructions as well as the attached “Guide for Better Hearing” before using your hearing instruments.

Description of features

Earmold



- 1 Canal
- 2 Sound outlet
- 3 Tubing
- 4 Helix
- 5 Vent

XTREME 120 and XTREME 121



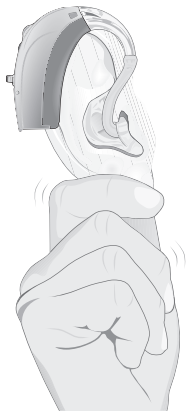
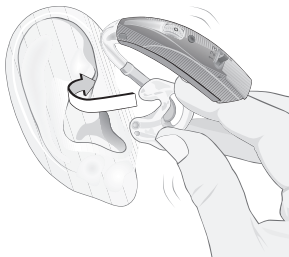
- 1 3-Position switch
- 2 Microphone
- 3 Earhook
- 4 Sound outlet
- 5 Battery drawer
- 6 Volume control
- 7 Status light
(XTREME 120 only)

Inserting your earmold

Inserting your earmold correctly every time, takes ***practice, patience and perseverance***. If you are having difficulty inserting your earmolds, please consult your Hearing Care Professional.

Insert your earmold first, then position the hearing instrument over your ear.

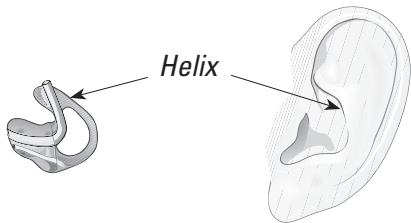
- Grasp the earmold tubing between your thumb and index finger. The thumb should be just behind the tubing where it enters the earmold. The top part of the earmold needs to be pointing straight up. The canal part of the earmold should be pointing towards the ear canal entrance.
- If you have difficulty inserting the earmold, pull the ear lobe down with the other hand, or pull the top of the ear back and up.



- Lift the earmold up to your ear. Push the canal part of the earmold into the ear canal opening twisting slightly to ease the helix portion into position. The helix part should be pointing straight up and should slip into position.
- If your ear is becoming sore from trying to insert the earmold, spread a small amount of Vaseline around the outer edges of the earmold to help it slip into position easily. Be careful not to get any Vaseline into the sound outlet. If your ear remains sore please consult your Hearing Care Professional.

Look in a mirror. If the helix part of the earmold is visible, it is not inserted correctly.

Run your index finger down the skin just in front of your ear. If you can touch the helix part of the earmold, it is not inserted correctly. Use your index finger to push the helix part of your earmold back behind the flap of skin. It may help to gently pull this flap of skin forward with the other hand at the same time.



To position the hearing instrument

- Once the earmold is inserted correctly, lift the hearing instrument up and position it behind the ear. Take care not to twist the tubing of the hearing instrument.



Removing your earmold and hearing instrument

- Lift the hearing instrument up and over from behind the ear.
- Using your index finger, pry out the helix part of the earmold.
- Grasp the helix part.
- Twist the helix part forward.
- Gently pull the earmold straight out of the ear, holding on to the helix part of the mold.

Important

Do not take the earmold out of the ear by pulling the hearing instrument. This might disconnect the instrument from the earmold or damage the tubing.

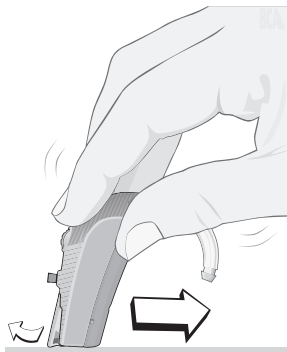
ON/OFF function XTREME 120 and XTREME 121

Turn your hearing instruments ON by closing the battery doors completely and rotating the volume controls upward (toward the ceiling).

Turn your hearing instruments OFF by rotating the volume controls all the way down (toward the floor).



It is also possible to turn off the hearing instruments by placing the base on a flat surface and then gently pressing and dragging the hearing instrument as illustrated. This action will open the battery door slightly and turn the hearing instrument off.



Note: Never force the battery drawer open or closed.

Volume control

The volume control is marked with numbers from 0 to 3, with 0 being the OFF position and 3 being the maximum volume. Your Hearing Care Professional has programmed your instruments on either position 2 or 3 (see page 21).

To increase the volume:
Turn the volume control up

Louder

Softer

To decrease the volume:
Turn the volume control down



Note: If you find that you are frequently turning the volume control up or frequently turning the volume control down in most listening situations then consult your Hearing Care Professional for a possible adjustment of the hearing instrument settings.

3-Position switch

Use the 3-position switch to change between programs.

Program 1 is the **microphone** program for normal listening. When moving the switch to position 1, you will hear a short beep.



Program 2 is the **telecoil** program for using the telephone only or listening through a loop system without hearing external sounds.

When moving to position 2, you will hear two short beeps.

Program 3 is the **telecoil** plus microphone program for listening to the phone and external sounds simultaneously.

When moving to position 3, you will hear three short beeps.

To see how your hearing instrument 3-position switch operates with an FM system or a Direct Audio Input shoe, see page 16. To see how your hearing instruments are programmed see page 21.

Telecoil function

The Telecoil enables you to hear better when using a telephone or in places where inductive loop systems are installed (places of worship, theaters, etc.). When the Telecoil is active, you will hear directly through the inductive loop or telephone. To access the Telecoil programs move the switch on the instrument to position 2 (Telecoil only) or position 3 (Telecoil plus Microphone).

Note: Not all telephones are hearing instrument compatible.

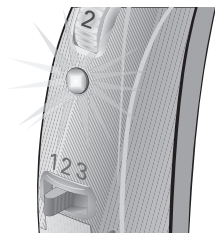


This symbol or a similar sign should be displayed wherever a permanent loop has been installed. Please ask your Hearing Care Professional for further information.

Status light (XTREME 120 only)

Your hearing instrument is equipped with a Status light to provide a visual indication of the function of the instrument. Your Hearing Care Professional can program the operation of the light to suit your preferences.

<i>Programmed function</i>	<i>Power on</i>	<i>Program change</i>	<i>Battery low</i>
<i>Continuous</i>	Flashes, then continues to shine	Flashes, returns to continuous shine	Changes from continuous shine to intermittent function
<i>Intermittent out</i>	Flashes, then goes out	Flashes, then goes out	No action
<i>OFF</i>	OFF	OFF	OFF

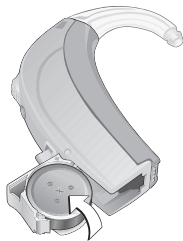
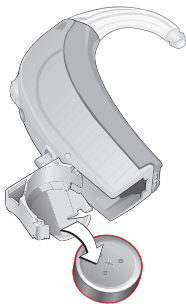


Battery replacement

- Your hearing instrument uses a size 675 battery.

To insert a new battery

- Use your fingernail to gently swing the battery drawer fully open, but do not force it.
- Take out the used battery.
- Remove colored sticker from new battery (if applicable).
For optimum performance, dedicated super power batteries are recommended.
- Place battery into the drawer with flat, smooth side facing up (+ sign) as shown in the drawing.
The battery must fit flush into the drawer.
- Close battery drawer securely.

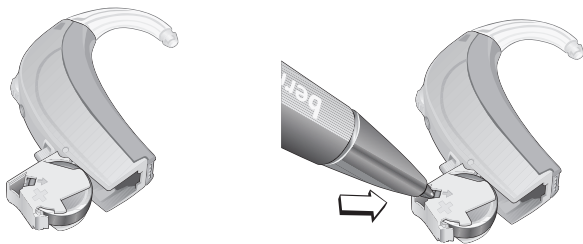


Battery indicator

When the battery is about to run out the instrument will beep at regular intervals and the Status light turns off if it is set for continuous mode.

Optional tamper-resistant battery drawer

This is recommended for infants, small children and people with learning difficulties to prevent them from accidentally swallowing the battery. The drawer opens the same as a regular one but the battery will not come out until you insert a small instrument (pen tip, paper clip end, etc.) into the opening at the back to push the battery out.



Note: Do not force the battery drawer open or closed, excessive strain may deform it.

Battery information

- Battery life will vary with conditions of use. See your Hearing Care Professional for more information.
- Always keep spare batteries on hand. These are available from your Hearing Care Professional.
- A used battery should be replaced immediately.
- If you are not going to use your hearing instruments for a few days, remove the batteries.
- Only use batteries recommended by your Hearing Care Professional, since poor quality batteries can produce a harmful substance.
- At bedtime, or at times when you are not wearing your hearing instrument, fully open the battery drawer. This may help to conserve battery power and reduce the impact of moisture.
- Any moisture found on a battery should be wiped off immediately, with a soft cloth.

- Used batteries should be returned to your battery supplier or Hearing Care Professional for disposal.
- Never dispose of batteries by burning them. There is a risk that they may explode and cause injury.
- Never dispose of batteries with household waste. They cause environmental pollution.

Note: Always remove zinc-air-batteries before drying your hearing instrument with the help of a drying kit. Drying out zinc-air batteries shortens their life time.

Environmental protection



Help to protect the environment by not disposing of your hearing instruments or batteries with your unsorted household waste. Please recycle your hearing instruments and batteries or return them to your Hearing Care Professional for disposal. Contact your Hearing Care Professional for more information.

FM or DAI (Direct Audio Input) shoe

FM

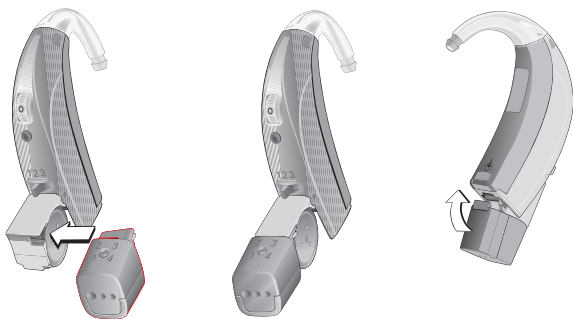
Your hearing instruments are compatible with ear level FM systems. These can enhance the benefit of your hearing instruments by allowing you to hear a conversation at a distance without the interference of background noise.

DAI (Direct Audio Input)

Direct Audio Input (DAI) enables the hearing instrument to receive signals directly from external sources such as TV, a personal stereo, PC Audio output, MP3-Player etc. DAI + FM accessories are sold separately.

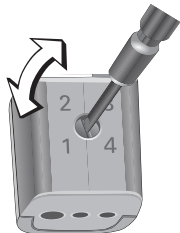
Mounting of the FM or DAI shoe

Open the battery drawer and slide the FM shoe or DAI shoe into the triangular slot on the hearing instrument. An FM receiver or the DAI cord can be connected to the bottom of the shoe.



DAI adjustment

The input level on the DAI shoe can be adjusted with a small screwdriver.



Recommended sensitivity settings:

Hi: for radio, TV, walkman, MP3, PC equipment.

Lo: for ear level FM systems and body worn FM equipment.



When an FM or DAI shoe is attached:

Program 1 is the microphone program.

Program 2 is the FM/DAI program for listening only to FM or DAI signals.

Program 3 mixes the microphone with FM/DAI or telecoil signals so you can listen to both sources. Your Hearing Care Professional can configure program 3 for either DAI/FM + microphone **or** telecoil + microphone. (See page 21).

Note: The safety of hearing instruments with DAI (Direct Audio Input) is determined by the external signal source. When the DAI is connected to an electrically powered device, the equipment must comply with EN 60601-1-1, EN 60065 or equivalent safety standards.

Safety guidelines

Hearing instruments and batteries can be dangerous if swallowed or improperly used. Such actions can result in severe injury, permanent hearing loss or even fatality.

Familiarize yourself completely with the following general warnings and the full contents of this booklet before using your hearing instruments.

- Hearing instruments should be used only as directed and adjusted by your trained Hearing Care Professional. Misuse or improper adjustments can result in sudden and permanent hearing loss.
- Never allow others to wear your hearing instruments, because they are adjusted for your hearing requirements and may permanently damage another person's hearing.
- A slap to your ear while wearing the instrument could be harmful. Avoid wearing your hearing instrument while playing contact sports (e.g rugby, football etc.).
- Hearing instruments, their parts and batteries should be kept out of reach of anyone who might swallow these items or otherwise cause themselves injury.
- Discard batteries out of reach of infants, small children, pets or persons of mental incapacity.

- Clean your hearing instruments and their parts on a regular basis only with products that are recommended by your Hearing Care Professional. Microorganisms from unclean instruments may cause skin irritations.
- Be careful with leaking battery liquid, as it is a hazardous substance.
- Never try to recharge non-rechargeable batteries.
- Never change the battery or adjust the controls of the hearing instrument in front of infants, small children and persons of mental incapacity.
- Never put your hearing instrument or batteries in your mouth, they could easily be swallowed.
- Keep batteries away from medications. Batteries are easily mistaken for pills.
- In case a battery or hearing instrument is swallowed, see a doctor immediately.
- Be aware of the possibility that your instruments may stop functioning without notice. Keep this in mind while you circulate in traffic or otherwise depend on warning sounds.
- Never insert cleaning tools into the sound outlet or microphone inlet. This could damage the hearing instruments.

Warning to instrument dispenser and user

Special care should be taken when fitting and using a hearing instrument with maximum sound pressure capability in excess of 132 dB SPL (IEC 711) since there may be a risk of impairing the remaining hearing of the hearing instrument user.

International warranty

Your hearing instruments are covered by a limited warranty, covering defects in materials and workmanship. This warranty covers the hearing instruments themselves, but not accessories such as batteries, tubing, earmolds, etc.

This warranty is void if a defect is the result of misuse or mistreatment.

The warranty is also void if the hearing instruments have been repaired by non-authorized service personnel. Please review your warranty with your Hearing Care Professional and make sure that your warranty card is completed correctly.

Switch and program configuration

Your hearing instruments are programmed in the following way:

<i>Program</i>	<i>Beeps</i>	<i>Function</i>
1	1 🎵	<input checked="" type="checkbox"/> Normal listening situations
2	2 🎵🎵	<input checked="" type="checkbox"/> Telephone only
3	3 🎵🎵🎵	<input checked="" type="checkbox"/> Microphone + telephone

If your hearing instrument is connected to the (DAI) Direct Audio Input or an FM system:

<i>Program</i>	<i>Beeps</i>	<i>Function</i>
1	1 🎵	<input checked="" type="checkbox"/> Normal listening situations
2	2 🎵🎵	<input checked="" type="checkbox"/> DAI/FM only
3	3 🎵🎵🎵	<input type="checkbox"/> Microphone + telecoil <input type="checkbox"/> Microphone + DAI/FM

Volume control

The volume control position that has been programmed for your hearing loss is:

2



3



VC locked



Bernafon Australia Pty. Ltd.

Unit 12, 97 Castlemaine Street
Milton QLD 4064
Australia
Freecall 1800 809 111
Phone (07) 3250 0300
Fax (07) 3250 0372
www.bernafon.com.au

Bernafon, LLC

200 Cottontail Lane, Building B
Somerset, NJ 08873
USA
Phone (888)-941-4203
Fax (732)-560-4876
www.bernafon-us.com

Manufacturer:**Bernafon AG**

Morgenstrasse 131
3018 Bern
Switzerland
Phone +41 (0)31 998 15 15
Fax +41 (0)31 998 15 90
www.bernafon.com

CE 0543

**Bernafon Canada Ltd.**

500 Trillium Drive Unit 15
Kitchener, Ontario N2R 1A7
Canada
Phone (519) 748 6669
Toll free 1 800 265 8250
Fax (519) 748 9158
www.bernafon.ca

Bernafon UK

Cadzow Industrial Estate
Low Waters Road
Hamilton
ML3 7QE Scotland
Phone 01 698 285 968
Fax 01 698 421 456
www.bernafon.co.uk

Bernafon New Zealand Ltd.

Level 1, Building F
27-29 William Pickering Drive
Albany, Auckland 0632
New Zealand
Freecall 0800 442 257
Phone 9 920 42 40
Fax 9 920 42 43
www.bernafon.co.nz

www.hear-it.org

**For more information about
hearing and hearing loss**

bernafon 
Your hearing • Our passion