## Instructions for Use

## BEHIND-THE-EAR HEARING AIDS Nano RITE

Nevara, Saphira, Juna, Carista, Acriva, Chronos, Inizia





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The following Bernafon hearing aid models are covered within this booklet:

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					functionality
	JU7	NR,	with	wireless	functionality
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					functionality
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	NE1	NR,	with	wireless	functionality



This booklet guides you on how to use and maintain your new hearing aid. Please read the booklet carefully including the warning section. This will help you to achieve the full benefit of your new hearing aid.

Your hearing care professional has adjusted the hearing aid to meet your needs. If you have additional questions, please contact your hearing care professional.

## **Indication for Use / Intended Purpose**

The hearing aids are intended to amplify and transmit sound to the ear and thereby compensate for impaired hearing. The hearing aids are intended to be used by children (> 36 months) and adults.

#### **IMPORTANT NOTICE**

The hearing aid amplification is uniquely adjusted and optimized to your personal hearing capabilities during the fitting performed by your hearing care professional.

## Hearing Aid Description

There are several ear pieces that can be attached to the speaker unit on your hearing aids. Please identify your ear piece. This will make it easier for you to navigate through this booklet.

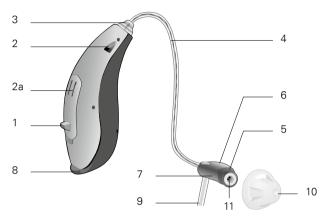
A Nano RITE can come with an M-Speaker or a P-Speaker and different earpieces.

A dome or a Custom	A dome or a Power
Mold can be attached to	Mold can be attached to
the M-Speaker	the P-Speaker

Instant Fitting			Cu	stom Fitti	ng
Open Dome	Tulip Dome	Power Dome	Micro Mold	Lite Tip	Power Mold
0		3	9		

#### Nano RITE Model

## Option A: with speaker unit and dome

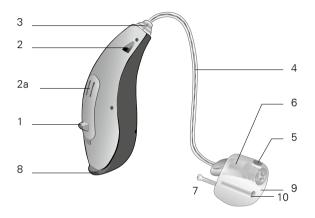


- 1 Push button
- 2 Microphone
- 2a Second microphone
- 3 Connector plug
- 4 Wire
- 5 Left/right indicator
- 6 Speaker (M-Speaker shown)

- 7 Speaker unit size marking
- 8 Battery door
- 9 Ear grip (optional)
- 10 Dome (Open Dome shown)
- 11 Wax filter

#### Nano RITE Model

## Option B: with speaker unit and custom mold



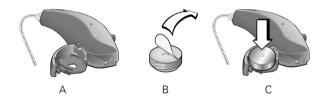
- 1 Push button
- 2 Microphone
- 2a Second microphone
- 3 Connector plug
- 4 Wire
- 5 Left/right indicator

- 6 Speaker (M-Speaker shown)
- 7 Pull out cord
- 8 Battery door
- 9 Custom mold (Micro Mold shown)
- 10 Vent

# Step-by-Step Instructions for Using Your Hearing Aid

### Step 1: Inserting the Battery

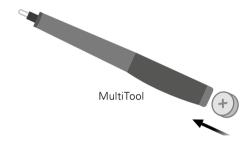
- Gently swing the battery door fully open, but do not force it (A)
- · Remove the sticker from the new battery (B)
- Place the battery into the empty compartment.
   The + sign on the battery should face up. (C)



~ ~ ^\^

For maximum power, allow the battery to be aired for 30 seconds before placing it into the empty compartment.

The MultiTool can be used for battery change. Use the magnetic end to remove and insert batteries. The MultiTool is provided by your hearing care professional.

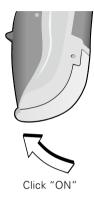


## **IMPORTANT NOTICE**

Your MultiTool has a built-in magnet. Keep the MultiTool 30 cm away from credit cards and other magnetically sensitive devices.

## Step 2: Turning the Hearing Aid ON

Close the battery door completely. You should notice a click. The hearing aid is now ON.



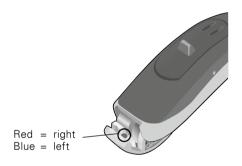
\*

Never use excessive force to open or close the battery door.

## Step 3: Inserting Your Hearing Aid

Your hearing aid has been programmed individually for your right or left ear.

You will see a color marking inside the battery door. This can help you to distinguish between the left and right hearing aid.



- Make sure the dome is pushed firmly onto the speaker
- · Position the hearing aid behind your ear (A)
- Grasp the speaker between your thumb and index finger. The dome or custom mold should point towards the ear canal opening.
- Gently push the speaker into your ear canal, until the wire sits flush against the side of your head (B)
- If you have an ear grip attached to the speaker, push the ear grip into the bowl of your ear. If the ear grip is sticking out, it has not been positioned correctly. Try adjusting it again. (C)

When looking in the mirror, the speaker should be difficult to see.







C

\*

Never insert the speaker in the ear canal without the dome attached. Do not force the speaker too deeply into your ear canal. Do not apply any lubrication to the earpiece as this may damage the speaker.

### **IMPORTANT NOTICE**

If the dome is not on the speaker when removed from the ear, the dome might still be in the ear canal. Consult your hearing care professional for further instructions.

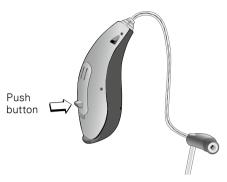
## Step 4: Changing the Volume

If you want to change the volume yourself, your hearing care professional can program the push button to be used as a volume control (VC):

## Two Nano RITE hearing aids\*

	Left	Right
Short push (less than 1 sec.)	□ volume	down 🗌 volume up
One Nano RITE he	earing aid*	
Short push (less than 1 sec.)	□ volume	down
Medium push (about 1 sec.)	□ volume	up

<sup>\*</sup> These VC features are not available in Inizia



The hearing aid will click to confirm that the volume has been changed and then will beep when you reach the programmed maximum or minimum. You may hear a beep, when you return to the preset loudness level in your hearing aid. Please ask your hearing care professional for further information.

\*

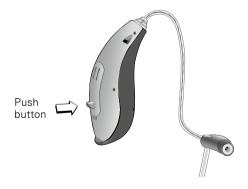
Your hearing aid automatically returns to a preset loudness level when it starts, the battery is low, or when the program is changed. If you find that the volume is not adequate, your hearing care professional may need to adjust your hearing aid settings.

## Step 5: Changing the Programs

If you wear two hearing aids, a medium press (about 1 second) on the push button will change the program.

If you wear one hearing aid, a long press (about 2 seconds) on the push button will change the program.

It will take 1 – 2 seconds until you hear the program change. The number of beeps you hear will tell you which program you are in.



Up to 4 listening programs can be configured by your hearing care professional depending on your hearing aid. Please ask your hearing care professional about the programs that are available with your hearing aid.

## **Available Programs**

(to be filled in by your hearing care professional)

Program	Beeps	Function
1	1 <b>,</b> 2 <b>, ,</b>	
3	3 111	
4	4	

## Step 6: Muting Your Hearing Aid

Your hearing aid may have the mute function. Please ask your hearing care professional if this function is available with your hearing aid.

A long press (about 2 seconds) on the push button will cause your hearing aid to mute.

To un-mute the hearing aid, give any control on the hearing aid a push.



\*

If you wear one hearing aid (monaural fitting), it is not possible to mute it.

## **IMPORTANT NOTICE**

Do not use the mute function as an off switch, as the hearing aid still draws from the battery in this mode.

## Step 7: Removing Your Hearing Aid

- Grasp the wire of the speaker unit between your thumb and index finger. Do not pull on the ear grip.
- · Gently pull the speaker out of your ear

\*

Do not remove by pulling on the hearing aid, as the speaker may be damaged at the connector.

## Step 8: Turning the Hearing Aid OFF

Open the battery door slightly until a click is felt. The hearing aid is now OFF.



Step 9: Changing the Battery

When the battery is running out, the hearing aid will beep at regular intervals. You should be prepared to replace the battery. The time until the hearing aid stops working depends on the battery type and manufacturer. Mercury-free batteries generally cause earlier warning beeps.

## Features of Your Hearing Aid

The following feature may be activated in your hearing aid. Please consult your hearing care professional to find out how your hearing aid is configured.

☐ **Telecoil** helps you hear better when using a telephone or in buildings where inductive loop systems are installed.



This symbol or a similar sign should be displayed wherever a permanent loop has been installed.

Auto Telephone can automatically activate a phone program in the hearing aid, if your telephone has a dedicated magnet.



The magnet needs to be placed at your telephone next to the sound outlet

## Caring for Your Hearing Aid

Healthy ears produce a waxy substance that can clog your hearing aid. Please follow these cleaning instructions to prevent wax build-up and ensure optimal performance of your hearing aid.

For further information on the care of your hearing aid, please consult your hearing care professional or watch our instructional videos, available on our website www.bernafon.com in the section "Our Products".

#### **General Care Instructions**

Treat your hearing aid like any other delicate electronic device (check the safety guidelines on page 42) and make sure that the hearing aid and the speaker do not come in contact with moisture or water.

- Always clean and dry your hands thoroughly before handling the hearing aid
- Do not use your hearing aid without a dome or mold

Should your hearing aid come in contact with water and stop working, please follow these guidelines:

- Gently wipe off any water on the outside of the hearing aid
- · Open the battery door and remove the battery
- · Gently wipe off any water in the battery door
- Let the hearing aid dry with the battery door open for approximately 30 minutes
- Insert a new fresh battery and close the battery door. Your hearing aid should work normally again.

#### IMPORTANT NOTICE

Do not wear your hearing aid while showering or participating in water activities. Do not immerse your hearing aid in water or other liquids.

## **Daily Care Instructions**

- Check your hearing aid for ear wax and wipe it clean with a cloth or tissue
- Clean your custom mold after every use by wiping it with a clean dry cloth
- · Open the battery door fully to allow air to circulate
- A dry storage kit is recommended to remove any moisture that may have accumulated in the hearing aid. Always remove zinc-air batteries before drying your hearing aid with a drying kit. Drying out zinc-air batteries shortens their lifetime.

#### **IMPORTANT NOTICE**

Use a soft, dry cloth to clean the hearing aid. It must never be washed or immersed in water or other liquids.

## **Specific Care Instructions**

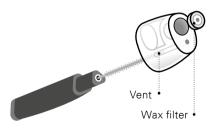
## A: How to Clean Your Custom Mold or Power Mold

In most cases, there is a hole through the mold (below the speaker unit). This is the vent. The vent should never be clogged with earwax.

Use the brush of the MultiTool to clean the vent in your ear piece.

- · Press the brush through the hole
- · Twist the brush slightly to clean the vent

The MultiTool is provided by your hearing care professional.



## B: How to Exchange the Wax Protection Filter on your Custom Mold or Power Mold

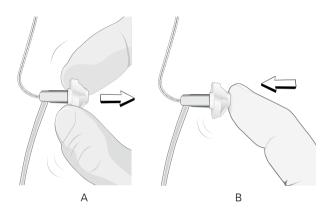
The wax filter in the ear piece should be replaced when clogged or when the hearing aid does not sound normal. Use the wax filter delivered by your hearing care professional.

## C: How to Exchange the Dome

Inspect your hearing aid's dome for yellowing, hardening and cracks. In the case of these changes, consider replacing your dome or contacting your hearing care professional. Spare domes may be obtained from your hearing care professional.

Clean your hands thoroughly before replacing the dome. Never change the dome with wet or dirty fingers.

- Hold the end of the dome between your fingers and pull it off (A)
- Push a new dome as far as possible onto the speaker (B)



\*

Never remount a used dome on the speaker. A remounted dome is more likely to fall off in the ear canal.

## D: How to Exchange the Wax Protection Filter on Your Speaker Unit

The wax filter in the speaker unit should be replaced when clogged or when the hearing aid does not sound normal. Use the wax filter delivered by your hearing care professional.

Notes

## Common Problems and Solutions

## Hearing aid whistles or squeals

Check that the earpiece is inserted correctly. If this is the case and the hearing aid still whistles or squeals, please consult your hearing care professional.

## No volume, level too soft or humming noise

Check if the volume level is too soft and adjust by increasing the volume level with the control on your hearing aid. If you have no volume at all, check whether the hearing aid is in mute position. If the problem still occurs, check that the battery door is closed completely. Also check if the battery is inserted correctly. If the problem still remains, change the battery. If the problem still persists, contact your hearing care professional.

## Whirring noise, fading, weak or motor-boating sounds

Open and close the battery door several times or clean the battery contacts carefully with a dry cotton swab. If the problem still occurs, change the battery. If the problem still remains, contact your hearing care professional.

## Hearing aid switches from ON to OFF periodically

Your battery is running down. Please change the battery.

# **Hearing aid beeps without any action from you** Your battery is running down. Please change the battery.

### Other problems with your hearing aid

If other problems occur with your hearing aid which are not listed, contact your hearing care professional.

## Accessories

that may be purchased to enhance your hearing aid. Depending on the hearing aid family and local regulations, the following accessories are available:

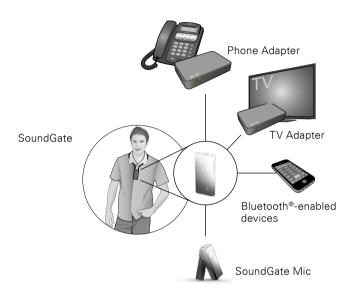
Remote control
SoundGate communication device (for wireless connection to mobile phones, music players, etc.)
SoundGate Mic (for wireless external microphone connection via the SoundGate)
TV Adapter (for wireless connection to your television via the SoundGate)

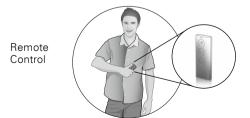
Bernafon offers a wide range of optional accessories

For further information on accessories, please contact your hearing care professional.

□ Phone Adapter (for wireless connection to your

landline phone via the SoundGate)





## Warnings

You should familiarize yourself fully with the following general warnings and the entire contents of this booklet before using your hearing aid to ensure personal safety and correct use. Consult your hearing care professional if you experience unexpected operations or events with your hearing aid.

Please note that a hearing aid will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions. Furthermore, note that in most cases, infrequent use of a hearing aid does not permit a user to attain full benefit from it.

## **Usage of Hearing Aids**

- Hearing aids should be used only as directed and adjusted by your hearing care professional. Misuse can result in sudden and permanent hearing loss.
- Never allow others to wear your hearing aid as incorrect usage could cause permanent damage to their hearing

# Choking Hazards and Risk of Swallowing Batteries

- Hearing aids, their parts, and batteries should be kept out of reach of children and anyone who might swallow these items, or otherwise cause injury to themselves
- Batteries have occasionally been mistaken for pills.
   Therefore check your medicine carefully before swallowing any pills.
- Most hearing aids can be supplied with a tamperresistant battery drawer upon request. This is strongly recommended for infants, small children, and people with learning difficulties. Ask your hearing care professional if a tamper-resistant battery drawer is available for your hearing aid.

If a battery or other small parts are swallowed, see a doctor immediately.

#### **Battery Use**

- Always use batteries recommended by your hearing care professional. Batteries of low quality may leak and cause bodily harm.
- Never attempt to recharge your batteries and never dispose of batteries by burning them. There is a risk that the batteries will explode.

#### Dysfunction

 Be aware of the possibility that your hearing aid may stop working without notice. Keep this in mind when you depend on warning sounds (e.g., when you are in traffic). The hearing aids may stop functioning, for instance if the batteries have expired or if the speaker is blocked by moisture or ear wax.

#### **Active Implants**

- · Caution must be taken with active implants
- If your hearing aid has a wireless transmission, keep the hearing aid at least 15 cm away from the implant, e.g. do not carry it in a breast pocket. In general, please follow the guidelines recommended by the manufacturers of implantable defibrillators and pacemakers on use with mobile phones.

- Your Autophone magnet or MultiTool (which has a built-in magnet) should be kept more than 30 cm away from the implant, e.g. do not carry it in a breast pocket. In general, please follow the guidelines recommended by the manufacturer of implantable defibrillators and pacemakers on use with magnets.
- If you have an active brain implant, please contact the manufacturer of your implantable device for information about the risk of disturbance

#### **Explosives**

 The power source in your hearing aid has insufficient energy to cause fire in normal usage conditions. The hearing aid has not been tested for compliance with international standards concerning explosive environments. We recommended not to use your hearing aid in areas where there is a danger of explosions.

# X-ray, CT, MR, PET Scanning and Electrotherapy

 Remove your hearing aid for example during X-ray, CT / MR / PET scanning electrotherapy or surgery as your hearing aid may be damaged when exposed to strong fields

### **Avoiding Heat and Chemicals**

- Your hearing aid must never be exposed to extreme heat e.g., left inside a parked car in the sun
- Your hearing aid must not be dried in microwave ovens or other ovens
- The chemicals in cosmetics, hairspray, perfume, after shave lotion, suntan lotion and insect repellent can damage your hearing aid. Always remove your hearing aid before applying such products and allow time to dry before putting it on.

#### **Power Instrument**

 Special care should be exercised in selecting, fitting and using a hearing aid where maximum sound pressure capability exceeds 132 dB SPL (IEC 60318-4), as there may be risk of impairing the remaining hearing of the hearing instrument user

For information of whether your instrument is a power instrument, please ask your hearing care professional.

#### Possible Side Effects

- Hearing aids, moulds or domes may cause an accelerated accumulation of ear wax
- The otherwise non-allergenic materials used in hearing aids may in rare cases cause a skin irritation or other side effects

# Please seek consultation with a physician if these conditions occur.

#### Interference

 Your hearing aid has been thoroughly tested for interference, according to the most stringent international standards. However, interference with your hearing aid and other devices may occur, (e.g., some mobile telephones, citizens band systems, and shop alarm systems). If this occurs, increase the distance between the hearing aid and the device

### **Connection to External Equipment**

 The safety of the use of the hearing aid with an auxiliary input cable is determined by the external signal source. When the input cable is connected to equipment plugged into a wall outlet, this equipment must comply with IEC 60601, IEC 60065 or equivalent safety standards.

## **Safety Information**

- Hearing aids should be adjusted by a trained hearing care professional
- Never insert cleaning tools into the sound outlet or microphone inlet. This could damage the hearing aid.
- · Remove your hearing aid before sleeping
- Keep your hearing aid in the case for protection when you are not wearing it
- Be aware of the possibility that the directional microphone in your hearing aid may reduce the volume of some warning sounds coming from behind you

Notes

# International Warranty

Your hearing aid is covered by an international limited warranty issued by the manufacturer from the date of delivery.

This limited warranty covers manufacturing and material defects in the hearing aid itself, but not accessories such as batteries, tubing, ear wax filters etc. Problems arising from improper handling or care, excessive use, accidents, repairs made by an unauthorized party, exposure to corrosive conditions, physical changes in your ear, damage due to foreign objects entering the device, or incorrect adjustments are NOT covered by the limited warranty and may void it.

The above warranty does not affect any legal rights that you might have under applicable national legislation governing sale of consumer goods. Your hearing care professional may have issued a warranty that goes beyond the clauses of this limited warranty. Please consult him/her for further information.

### If you need service

Take your hearing aid to your hearing care professional, who may be able to sort out minor problems and adjustments immediately.

Date:	Model:	
Warranty period:		
Model L:	Model R:	
Serial no.:	Serial no.:	
Battery size:	Battery size:	
Hearing Centre		

Do not attempt to repair your hearing aid yourself.

## Mobile Phone

Some hearing aid users have reported a buzzing sound in their hearing aid when they are using mobile phones, indicating that the mobile phone and hearing aid may not be compatible.

The ANSI C63.19 standard determines the prediction of compatibility between a specific hearing aid and a mobile phone by adding the numerical value of the rating for the hearing aid immunity to the numerical value of the rating for the mobile phone emissions. A sum of 4 would indicate that the combination of wireless device and hearing aid is usable; a combined rating that equals 5 would provide normal use; a combined rating of 6 or greater would indicate excellent performance.

Whereas all hearing aids have acoustic coupling, only the larger instruments have the physical space for telecoil (inductive) coupling. These two types of coupling have different rating scales (M1-M4 for acoustic coupling and T1-T4 for telecoil coupling, respectively) and both ratings are therefore relevant when predicting the compatibility of a particular instrument.

For a hearing aid with both acoustic coupling and telecoil coupling with a rating of M4/T2 and with a telephone rating of M3/T3, the combined rating is 7 (M4 + M3) for the acoustic coupling and 5 (T2 + T3) for the telecoil coupling. According to the guideline given above, both types of coupling will thereby be acceptable, with the acoustic coupling indicating excellent performance and the telecoil coupling indicating normal use. The above equipment performance measurements, categories and system classifications are based upon the best information available, but it cannot be guaranteed that all users will be satisfied.

The immunity of all Bernafon hearing instrument models covered by these instructions for use is at least M2/T2.

#### **IMPORTANT NOTICE**

The performance of individual hearing instruments may vary with individual cell phones. Therefore, please try this hearing instrument with your mobile phone or, if you are purchasing a new phone, be sure to try it with your hearing instrument prior to purchase. For additional guidance, please ask your cell phone provider for the booklet entitled "Hearing Aid Compatibility with Digital Wireless Cell Phones".

# Technical Information

The hearing aid contains a radio transmitter using short range magnetic induction technology working at 3.84 MHz. The magnetic field strength of the transmitter is  $< -42 \text{ dB}\mu\text{A/m} @ 10\text{m}$ .

The emission power from the radio system is well below international emission limits for human exposure. For comparison, the radiation of the hearing aid is lower than unintended electromagnetic radiation from for example halogen lamps, computer monitors, dishwashers, etc. The hearing aid complies with international standards concerning Electromagnetic Compatibility.

Due to the limited space available on the hearing aid all relevant approval markings are found in this document.

Juna hearing aid models: JU9 NR, JU7 NR; Acriva hearing aid models: AR9 NR, AR7 NR; Carista hearing aid models: CA5 NR, CA3 NR;

Saphira hearing aid models: SA NR Nevara hearing aid models: NE NR

FCC ID: U6XF2RITE2 IC: 7031A-F2RITE2

Chronos hearing aid models: CN9 NR, CN7 NR, CN5 NR

FCC ID: U6XFURITE2 IC: 7031A-FURITE2

The device complies with Part 15 of the FCC rules and RSS-210 of Industry Canada.

Operation is subject to the following two conditions:

- 1. This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Hereby, Bernafon AG declares that the hearing aids covered in this booklet are in compliance with Directives 93/42/EEC. 1999/5/EC and 2011/65/EU.

The full text of the declaration of conformity is available at the following internet address:

http://www.bernafon.com

# C€ 0543 0682









Notes

# Information and Explanation of Symbols



The CE marking indicates compliance to all applicable European Directives. The 4-digit numbers after the CE marking correspond to the identification number of notified bodies.



This symbol indicates that the products described in these instructions for use adhere to the requirements for an applied part of Type B of EN 60601-1. The surface of the hearing aid is specified as applied part of Type B.\*

IP57 This symbol indicates the class of protections against harmful ingress of water and particulate matter according to EN 60529:1991/A1:2000.
IP5X indicates dust protection.
IPX7 indicates the protection against the effects of temporary immersion in water.

<sup>\*</sup> not for Inizia



The crossed-out wheeled bin indicates the European Directive 2011/65/EU on waste of electronic equipment applies. Please recycle your hearing aid and batteries according to your local regulations or return them to your hearing care professional for disposal.



This symbol indicates to follow the instructions for use in this booklet



EMC and Radio communications compliance label Australia and New Zealand



Manufacturer



Keep dry



Catalogue number



Serial number

	Temperature	Humidity
	A service of the serv	<u>s</u>
Operating Conditions	+1°C - +40°C	5% – 93%
Storage and transportation conditions	–25°C – +60°C	Non condensing



#### Australia

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