

miniRITE T R

Receiver-in-the-Ear Hearing Aids

Viron



Made for

iPhone | iPad | iPod

Instructions for Use

bernafon[®]
Your hearing · Our passion

Introduction to this booklet

This booklet guides you on how to use and maintain your new hearing aid. Ensure you read this booklet carefully, including the Warnings section. This will help you get the most benefit from your hearing aid.

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

A hearing care professional* (hearing aid professional, audiologist, ENT (ear, nose and throat) doctor, and hearing aid dispenser) is a person who is appropriately educated and has proven competency in professionally assessing hearing, selecting, fitting, and delivering hearing instruments and rehabilitation care to persons with hearing loss.

The education of the hearing care professional is in accordance with national or regional regulations.

* The job title may vary from country to country.

Important notice

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

Model overview

This booklet is valid for the following hearing aid families and models:

Viron FW4

- Viron 9 – VN9 MNRT R
GTIN: (01)05714464021253
- Viron 7 – VN7 MNRT R
GTIN: (01)05714464021260
- Viron 5 – VN5 MNRT R
GTIN: (01)05714464021277
- Viron 3 – VN3 MNRT R
GTIN: (01)05714464021284
- Viron 1 – VN1 MNRT R
GTIN: (01)05714464021291

The following acoustic options are available for the above families:

- 60-Speaker
- 85-Speaker
- 100-Speaker (power instrument)
- 100-Speaker with Power Mold (power instrument)
- 105-Speaker with Power Mold (power instrument)

Intended use

Intended use	The hearing aid is intended to amplify and transmit sound to the ear.
Indications for use	Bilateral or unilateral impaired hearing of sensorineural, conductive, or mixed type ranging from a slight (16dB HL*) to profound (95dB HL*) degree of hearing loss, with an individual frequency configuration.
Intended user	Person with hearing loss using a hearing aid and their caregivers. Hearing care professional responsible for adjusting the hearing aid.
Intended user group	Adults and children older than 36 months.
Use environment	Indoor and outdoor.
Contraindications	Not suitable for infants below 36 months. Users of active implants must pay special attention when using the hearing aid. For more information read the Warnings section.
Clinical benefits	The hearing aid is designed to provide better speech understanding to help ease communication with the aim of improving quality of life.

* As specified by the American Speech-Language-Hearing Association, asha.org, using pure-tone average of 0.5, 1 and 2 kHz

In short

Charging

Charge the hearing aid every night.

The LED on the hearing aid will turn RED/ORANGE when the hearing aid is charging and GREEN when fully charged.

It takes 3 hours to fully charge the hearing aid.

ON/OFF

- The hearing aid turns ON when you remove it from the charger.
- The hearing aid turns OFF when you place it in the charger.

Important notice

Ensure you always leave the charger connected to a power source when the hearing aid is seated in the charging port. Turning the charger OFF makes the hearing aid turn ON and start using battery power.

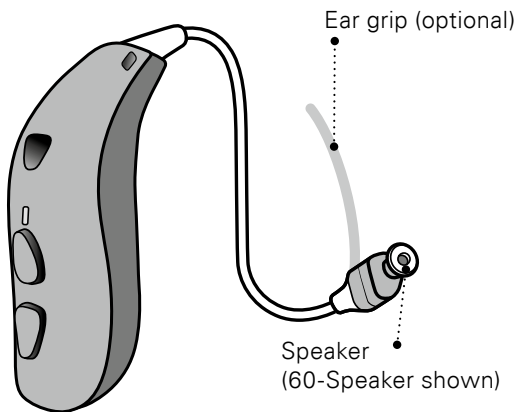
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Identify your hearing aid, speaker, and earpiece

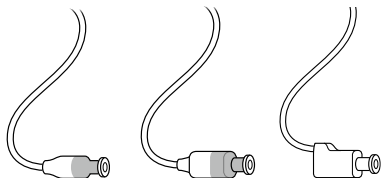


Speakers

miniRITE T R hearing aid comes with five different speakers:

Standard speakers

60-Speaker 85-Speaker 100-Speaker



Power Mold speakers

100-Speaker
 105-Speaker



The standard speakers use one of the following earpieces:

Standard earpieces



Open Dome



Bass Dome, single vent



Bass Dome, double vent



Power Dome



Grip Tip*

(available in small and large,
left and right, with or without vent)

* Please see details for replacing the dome or Grip Tip in section: "Replacing standard earpieces".

Dome sizes



5 mm*



6 mm



8 mm



10 mm



12 mm**

* only as Open Dome for 60-Speaker

** not for Open Dome

Customized earpieces



Micro Mold



Lite Tip



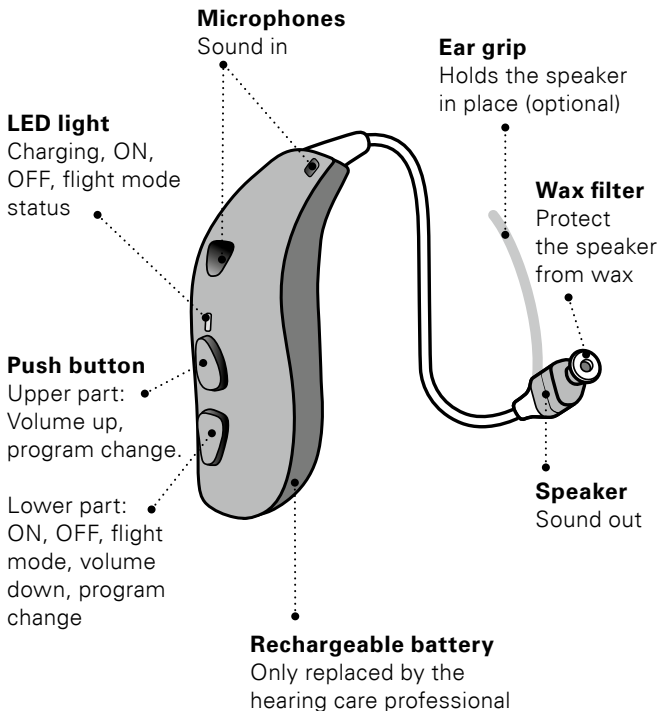
VarioTherm® Micro Mold



VarioTherm® Lite Tip

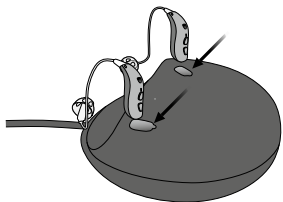
VarioTherm® is a registered trademark of Dreve.

Your hearing aid – What it is and does



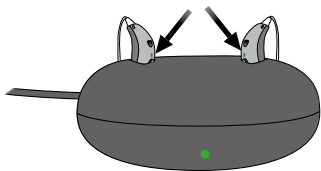
Charging the hearing aids

Place hearing aids in charger



Place the hearing aids in the charging ports as shown in the picture.

Charging



The LEDs on the hearing aids will turn on when the hearing aids are correctly placed in the charger.

Hearing aid LED charging status:

Red/orange light = Charging
Green light = Fully charged

Charging time

Fully charge your hearing aid at least 3 hours before first time use.

Charge your hearing aid every night. That ensures that you will start your day with a fully charged hearing aid.

Charging time can vary depending on the remaining capacity of the battery. If your hearing aid is completely drained, the normal charging time is:

3 hours = Fully charged

1 hour = 50 % charged

0.5 hours = 25 % charged

The charging process will automatically stop when the battery is fully charged. Leave the hearing aid in the charger when you do not use it. Remember to keep the charger connected to a power source.

Note that charging time may vary between the left and the right hearing aid.

Battery performance

The daily battery performance varies depending on your individual use and hearing aid settings.

Streaming sound from a TV, mobile phone or SoundClip-A can influence daily battery performance.

If your hearing aid runs out of battery, place it in the charger for a recharge. Additional usage time cannot be achieved by trying to restart the hearing aid.

For the best charging conditions, the room temperature should be between +5 °C to +35 °C.

If you experience that your hearing aid does not perform for a full day, it might be time to have the battery replaced. Contact your hearing care professional.

Turn hearing aid ON/OFF using charger

Your hearing aid automatically turns **ON** when removed from the charger.

The hearing aid LED turns GREEN after 6 seconds, confirming that it is ready for use. You may hear a start-up jingle.

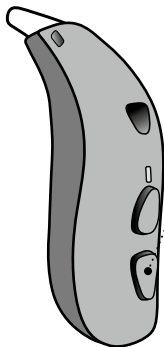
Your hearing aid automatically turns **OFF** when placed in the charger and starts charging. The LED turns RED/ORANGE.

Important notice

Ensure you always leave the charger connected to a power source when the hearing aid is seated in the charging port. Turning the charger OFF makes the hearing aid turn ON and start using battery power.

Turn hearing aid ON/OFF using push button

The hearing aid can be turned ON and OFF using the push button.



ON:

Press and hold the lower part of the button for approx. 2 seconds.

Release the button and wait until the hearing aid LED turns GREEN.

The hearing aid is now turned ON.

• You may hear a short start-up jingle.

OFF:

Press and hold the lower part of the button for approx. 3 seconds until the hearing aid LED turns RED/ORANGE and the hearing aid plays 4 descending tones. Release the push button and the hearing aid is turned OFF.

See overview "Sound and LED indications".

Low battery indication

When the battery is running low, you will hear 3 short beeps. This will leave you approximately 2 hours before the hearing aid stops working. The beeps will be repeated every 30 minutes. Just before the battery runs out you will hear 4 descending tones.

If you are streaming audio to your hearing aid (e.g., from TV or mobile phone), you have approximately 1 hour before the hearing aid stops working, when you hear the 3 short beeps.

Stopping streaming will prolong the battery performance.



Three beeps

The battery is running low



Four beeps

The battery has run out

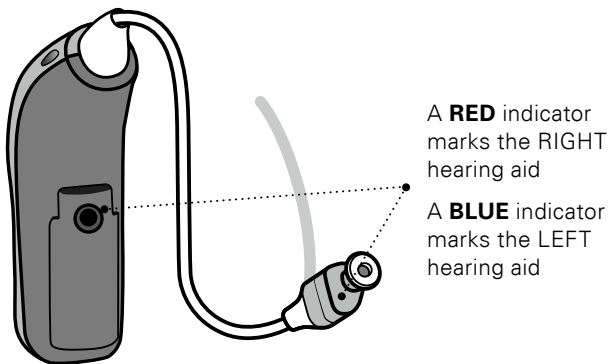
Optional LED

The LED blinks red/orange and continuously repeats to indicate that the battery is low.

Identify left and right hearing aid

It is important to distinguish between the left and the right hearing aid, as they might be programmed differently.

You can find left/right color indicators on the hearing aid itself and on 60- and 85-Speakers as shown. Indicators (either L or R) can also be found on 100-Speakers and some earpieces.



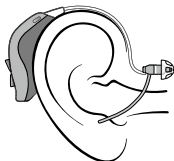
Put on the hearing aid

The speaker brings the sound into your ear. The speaker should always be used with an earpiece attached. Use only parts designed for your hearing aid.

If the speaker has an ear grip, place it in the ear so it follows the contour of the ear (see step 3).

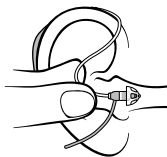
Step 1

Place the hearing aid behind your ear.



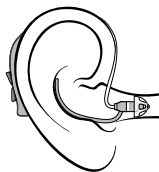
Step 2

Hold the bend of the speaker wire between your thumb and index finger. The earpiece should point towards the ear canal opening.



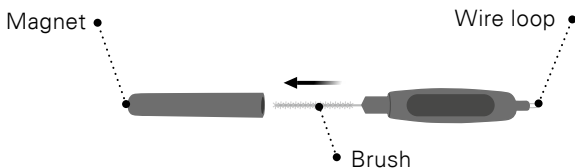
Step 3

Gently push the earpiece into your ear canal until the speaker wire sits close against the side of your head.



Cleaning

The MultiTool contains a brush and a wire loop for cleaning and removing ear wax from your earpiece. If you need a new MultiTool, please contact your hearing care professional.



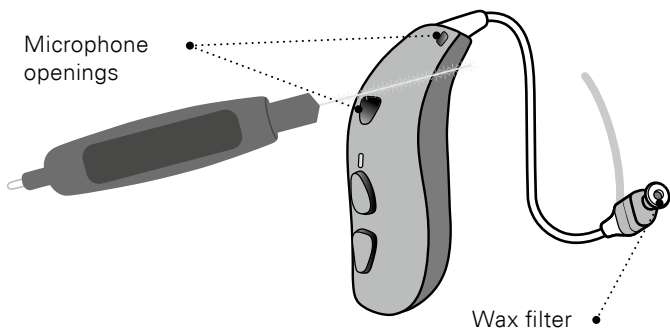
Important notice

The MultiTool has a built-in magnet. Keep the MultiTool at least 30 centimeters (1 foot) away from credit cards and other magnetically sensitive devices.

When handling your hearing aid, hold it over a soft surface to avoid damage if you drop it.

Clean the microphone openings

Carefully brush away debris from the openings using a clean brush. Gently brush the surface and make sure the brush is clean and that it is not pressed into the openings.



Important notice

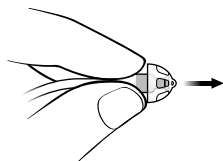
To clean the hearing aids, use a soft, dry cloth. The hearing aids must never be washed or immersed in water or other liquids.

Replacing standard earpieces

The standard earpiece (dome and Grip Tip) should not be cleaned. If the earpiece is filled with wax, replace it with a new one. Grip Tip needs to be replaced at least once a month.

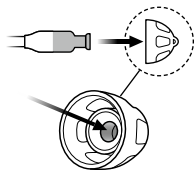
Step 1

Hold on to the end of the speaker and then pull off the earpiece.



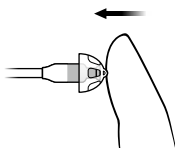
Step 2

Insert the speaker exactly into the middle of the earpiece to obtain a firm attachment.



Step 3

Push firmly to ensure that the earpiece is fastened securely.



Important notice

If the earpiece is not on the speaker when removed from the ear, the earpiece may still be in the ear canal. For further instructions, consult your hearing care professional.

ProWax miniFit filter

The speaker has a white wax filter attached to the end where the earpiece is attached. The wax filter will help prevent wax and debris from damaging the speaker. If the filter becomes clogged, please replace the wax filter (see section “Replace ProWax miniFit filter”) or contact your hearing care professional.

Remove the earpiece from the speaker before replacing the wax filter.

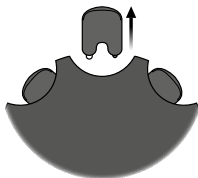
Important notice

Ensure you always use the same type of wax filter as was originally supplied with the hearing aids. If you are in doubt about the use or replacement of wax filters, contact your hearing care professional.

Replace ProWax miniFit filter

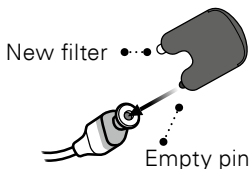
1. Tool

Remove the tool from the shell. The tool has two pins, one empty for removal and one with the new wax filter.



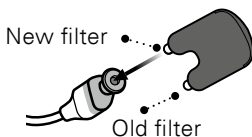
2. Remove

Push the empty pin into the wax filter in the speaker and pull it out.



3. Insert

Insert the new wax filter using the other pin, remove the tool and throw it out.



4. Final

The speaker should look as shown when you have replaced the wax filter.

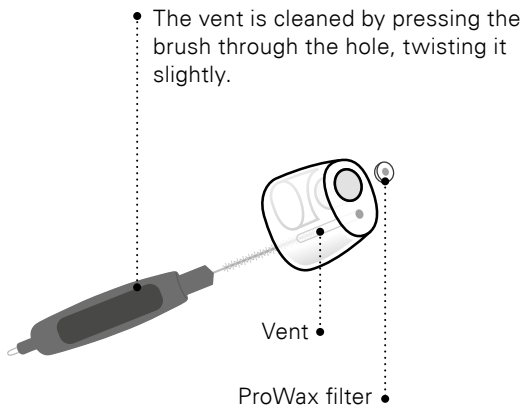


If you use a mold or LiteTip, a hearing care professional must replace the wax filter in the speaker.

Clean customized earpieces

The earpiece should be cleaned regularly. The earpiece contains a wax filter*. The filter keeps wax and debris from damaging the speaker. Replace the filter when clogged or when the hearing aid does not sound normal. Alternatively, contact your hearing care professional.

Always use the wax filter delivered by your hearing care professional.

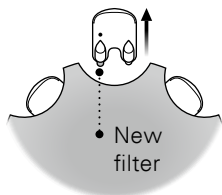


* VarioTherm Micro Mold and LiteTip do not have a wax filter.

Replace ProWax filter

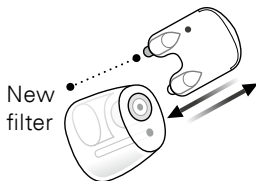
1. Tool

Remove the tool from the shell. The tool has two pins, one empty for removal and one with the new wax filter.



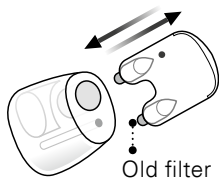
2. Remove

Push the empty pin into the wax filter in the mold and pull it out.



3. Insert

Insert the new wax filter using the other pin, remove the tool, and throw it out.



Store the hearing aid

The charger is the optimal storage for the hearing aid. Anytime your hearing aid is not in use, place it in the charger for charging. This will ensure your hearing aid is always charged.

To ensure the longest life of the rechargeable battery in the hearing aid, do not expose it to excess heat. For example, do not leave the hearing aid in the sun in a window or in a car, even if the hearing aid is in the charger.

Long term storage (weeks, months)

Before storing the hearing aid for a longer period (more than 14 days) fully charge the hearing aid. Then turn the hearing aid off. This way the battery can be charged again.

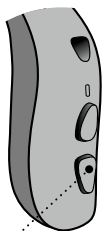
It is necessary to fully charge the hearing aid every 6 months to protect the rechargeable battery. If a stored hearing aid is not charged within a 6-month time frame, the rechargeable battery will need to be replaced.

Important notice

Ensure you always leave the charger connected to a power source when the hearing aid is seated in the charging port. Turning the charger OFF makes the hearing aid turn ON and start using battery power.

Flight mode

When boarding an airplane or entering an area where it is prohibited to radiate radio signals, e.g., during flight, flight mode must be activated. It is only necessary to activate flight mode on one hearing aid. When flight mode is activated, only Bluetooth® is turned off. The hearing aid will still be working.



To activate and deactivate flight mode press and hold the push button (lower part) for 7 seconds.

Beep: The hearing aid plays 4 descending tones followed by 4 tones to indicate that flight mode is activated or deactivated.

LED flight mode activated: A long red/orange blink followed by green, red/orange, red/orange. The LED will blink green, red/orange, red/orange a few times. This confirms that flight mode is activated.

LED flight mode deactivated: The LED will turn steady red/orange for a few seconds, until the hearing aid returns to its normal operating mode.

Pressing the button on one hearing aid will activate flight mode on both hearing aids.

See overview “Sound and LED indications”.

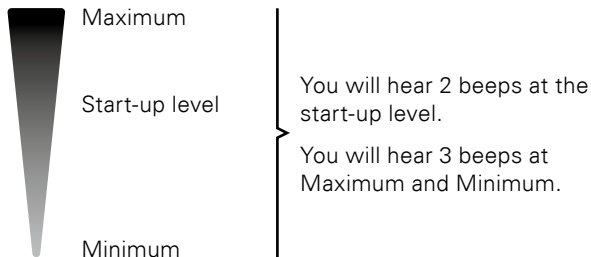
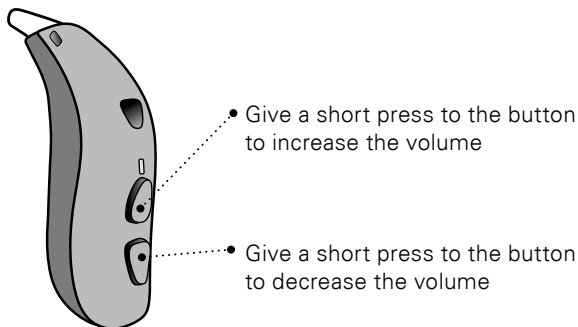
Optional features and accessories

The features and accessories described on the following pages are optional. Please contact your hearing care professional to find out how your hearing aid is programmed. If you experience difficult listening situations, a special program may be helpful. These are programmed by your hearing care professional.

Write down hearing situations where you may need help.

Change volume (optional)

The push button allows you to adjust the volume. You will hear a beep when you turn the volume up or down.



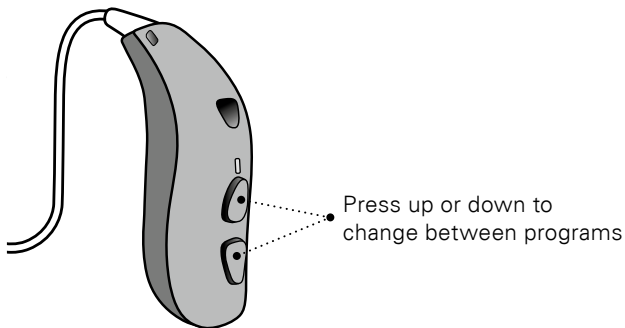
Volume Change

<input type="checkbox"/> Left	<input type="checkbox"/> Right	
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To be filled out by the hearing care professional.

□ Change program (optional)





Your hearing aid can have up to 4 different programs. These are programmed by your hearing care professional.




*

You can change continuously between programs both up and down in the program order. For example, if you want to go from program 1 to 4, you can press the down button once instead of pressing the up button 3 times.

To be filled out by the hearing care professional

Program	Activation sound	When to use
Program 1	1 tone 	
Program 2	2 tones 	
Program 3	3 tones 	
Program 4	4 tones 	

 Green, short blink

Program change:

<input type="checkbox"/> Left	<input type="checkbox"/> Right	<input type="checkbox"/> Short press	<input type="checkbox"/> Medium press
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□ Mute the hearing aid (optional)

Use the mute function if you need to silence the hearing aid while wearing it.

Your hearing aid can be muted by using one of the following optional devices:

- Bernafon EasyControl-A app
- SoundClip-A
- RC-A remote control

The LED might blink red/orange and green, depending on how your hearing care professional has configured your hearing aid.

How to unmute your hearing aid

The hearing aid can be unmuted using one of the optional devices or by applying a short press to any of the buttons on the hearing aid.

Important notice

Do not use the mute function as an off switch, as the hearing aids are still using battery power in this mode.

Put hearing aid in pairing mode

To pair your hearing aid with a wireless accessory (e.g. TV-A, SoundClip-A, smartphone, etc.), your hearing aid must be in pairing mode. To activate pairing mode, switch the hearing aid OFF and ON as described on pages 17 and 18.

The hearing aid will remain in pairing mode for 180 seconds.

Using hearing aid with iPhone, iPad, or iPod touch

Your hearing aid is a Made for iPhone® hearing aid and allows for direct communication and control with an iPhone®, iPad®, or iPod® touch.

For assistance in pairing and using these products with your hearing aid, please contact your hearing care professional or visit our support site at: www.bernafon.com/library.

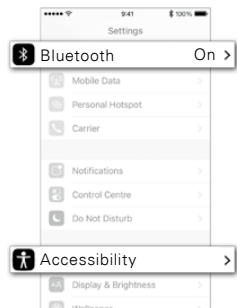
For information on compatibility, please visit www.bernafon.com/products/accessories.



Direct audio streaming is currently not supported by Android™.

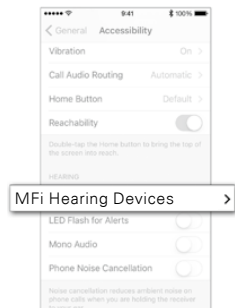
Pairing hearing aid with iPhone

1. Settings



Open your iPhone and go to “Settings”. Make sure Bluetooth® is on. Then choose “Accessibility”.

2. Accessibility



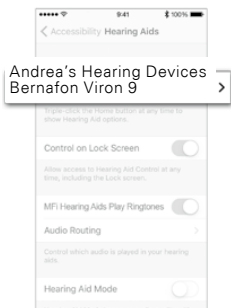
On the “Accessibility” screen, choose “MFi Hearing Devices”.

3. Prepare

Pairing must occur within 3 minutes after the hearing aid is turned on.

To restart the hearing aid, place it in the charger and remove it again, or use the push button (see section: Turn ON/OFF using push button). This will put the hearing aid into pairing mode.

4. Select



Your iPhone will detect the hearing aid for pairing. Detected devices will appear in your iPhone list. Choose your hearing aid.

5. Confirm pairing



Bluetooth Pairing Request
Bernafon Viron would like
to pair with your iPhone

Cancel Pair

Confirm pairing.
If you have two
hearing aids, pairing
confirmation is
needed for each
hearing aid.

Re-connect your hearing aids to your iPhone, iPad, or iPod touch

When you turn off your hearing aids or iPhone, iPad, or iPod touch, these will no longer be connected. To connect them again, restart your hearing aids. The hearing aids will then automatically reconnect to your iPhone, iPad, or iPod touch.

Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple product(s) identified in the badge, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards.

Please note that use of this Accessory with iPod, iPhone, or iPad may affect wireless performance. Apple, the Apple logo, iPhone, iPad, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

Wireless accessories (optional)

As an enhancement to your wireless hearing aid, a range of wireless accessories are available. They can enable you to hear and communicate better in a lot of everyday situations.

SoundClip-A

When this device is paired with your mobile phone, you can use the hearing aids like stereo headphones. SoundClip-A can also function as a remote microphone and remote control.

TV-A

TV-A is a wireless transmitter of sound from TV and electronic audio devices. The TV-A streams sound directly to your hearing aid.

RC-A

RC-A remote control offers the ability to change programs, adjust volume or mute your hearing aid.

Bernafon EasyControl-A app

An application that lets you control your hearing aid from your mobile phone or tablet. For iPhone, iPad, iPod touch, and Android devices.

Ensure that you only download and install Bernafon EasyControl-A app from the official app stores.

For more information, please contact your hearing care professional or visit:

www.bernafon.com/products/accessories.

Other options (optional)

Telecoil

Telecoil helps you hear better when using a telephone with a built-in loop or when you are in buildings with teleloop systems such as theaters, churches, or lecture rooms. This symbol or a similar sign is shown wherever a teleloop has been installed.



For more information, please contact your hearing care professional.




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Sound and LED indications


Different sound and light indications help to show the hearing aid status. The different settings are listed on the following pages.


Your hearing care professional can set sound and LED indications to match your preferences.


For charger LED indication, see Charger Instruction for Use.


Status Indicators	Sound	LED
Start-up	Start-up jingle	
Shutdown	4 descending tones	
Flight mode activation	Shutdown tones followed by 4 tones	
Flight mode deactivation	Shutdown tones followed by 4 tones	–







Warning Indicators	Sound	LED
Battery low indication	3 beeps	
Battery end of life	4 descending tones	–
Microphone service check needed	8 beeps	
System error	–	





 Green, short blink


 Red/orange, short blink


 Green, long blink


 Red/orange, long blink


Program Indicators	Sound	LED
Program 1	1 tone	
Program 2	2 tones	
Program 3	3 tones	
Program 4	4 tones	
TV Adapter program	2 ascending tones	
Remote Mic program	2 descending tones	

Volume Indicators	Sound	LED
Preferred volume	2 beeps	
Min/max volume	3 beeps	
Volume change	1 click	
Mute activated with EasyControl-A app, SoundClip-A, or RC-A	–	

 Green, short blink

 Red/orange, short blink

 Green, long blink

 Red/orange, long blink

□ Tinnitus SoundSupport (optional)

Intended use of Tinnitus SoundSupport

Tinnitus SoundSupport is a tool intended to generate sounds to provide temporary relief for patients suffering from tinnitus as part of a tinnitus management program.

The target population is the adult population (over 18 years old).

Tinnitus SoundSupport is targeted to licensed hearing care professionals (audiologists, hearing aid specialists, or otolaryngologists) who are familiar with the evaluation and treatment of tinnitus and hearing loss. Fitting of Tinnitus SoundSupport must be done by a hearing care professional participating in a tinnitus management program.

Guidelines for Tinnitus SoundSupport users

These instructions contain information about Tinnitus SoundSupport, which may have been enabled in your hearing aids by your hearing care professional.

Tinnitus SoundSupport is a tinnitus management device intended to generate sound of sufficient intensity and bandwidth to help manage tinnitus.

Your hearing care professional will also be able to offer the appropriate follow-up care. It is important to follow his/her advice and directions regarding such care.

Prescription use only

Good health practice requires that a person reporting tinnitus has a medical evaluation by a licensed ear physician before using a sound generator. The purpose of such an evaluation is to ensure that any medically treatable condition that may cause tinnitus is identified and treated prior to using a sound generator.

Sound options and volume adjustment

Tinnitus SoundSupport is programmed by your hearing care professional to match your hearing loss and preferences for tinnitus relief. It offers a number of different sound options. Together with your hearing care professional, you can select your preferred sound(s).

Tinnitus SoundSupport programs

Together with your hearing care professional you decide for which programs you may want to have Tinnitus SoundSupport activated. The sound generator can be activated in up to four different programs.

Mute

If you are in a program for which Tinnitus SoundSupport is activated, the mute functionality will mute only the environmental sounds, and not the sound from Tinnitus SoundSupport. See chapter: "Mute the hearing aid".

Volume adjustments with Tinnitus SoundSupport

When you select a hearing aid program for which Tinnitus SoundSupport is activated, your hearing care professional can only set the push button on your hearing aid to work as a volume control for the tinnitus relief sound.

Your hearing care professional will set the volume control for the sound generator in one of two ways:

A) change volume in each ear separately,

or

B) change volume in both ears simultaneously.

A) How to change Tinnitus SoundSupport volume in each ear separately

To increase volume (on one hearing aid only), use a short press on the upper part of the push button repeatedly until desired level is reached. To decrease volume (on only one hearing aid), use a short press on the lower part of the push button repeatedly until desired level is reached.

B) How to change Tinnitus SoundSupport volume in both ears simultaneously

You can use one hearing aid to increase/decrease the sound in both hearing aids. When changing the volume in one hearing aid, the volume on the other hearing aid will follow. To increase volume, use a short press on the upper part of the push button repeatedly. To decrease volume, use a short press on the lower part of the push button repeatedly.

To be filled out by your hearing care professional.

Limitation on use time

Daily use

The volume levels of Tinnitus SoundSupport can be set to a level which could lead to permanent hearing damage when used for a prolonged period of time. Your hearing care professional will advise you of the maximum amount of time per day you should use Tinnitus SoundSupport. It should never be used at uncomfortable levels.

See table “Tinnitus SoundSupport: Limitation on use” “Your individual hearing aid settings” at the end of this booklet to learn how many hours per day you can safely use the relief sound in your hearing aids.

Important information for hearing care professionals about Tinnitus SoundSupport

Device description

Tinnitus SoundSupport is a module function that can be enabled in the hearing aids by the hearing care professional.

Maximum wearing time

The wearing time of Tinnitus SoundSupport will decrease as you increase the level above 80 dB(A) SPL. The fitting software will automatically display a warning when the hearing aid exceeds 80 dB(A) SPL. See “Max wearing time indicator” next to the tinnitus fitting graph in the fitting software.

The volume control is deactivated

By default the volume control for the sound generator is deactivated in the hearing aid. Risk of noise exposure increases when the volume control is activated.

If the volume control is activated

A warning may be displayed if you activate the tinnitus volume control in the “Buttons & Indicators” screen. This occurs if the relief sound can be listened to at levels that may cause hearing damage. The “Max wearing time” table in the fitting software displays the number of hours the patient can safely use Tinnitus SoundSupport.

- Note the max wearing time for each program for which Tinnitus SoundSupport is activated.
- Write those values in the table: “Tinnitus SoundSupport: Limitation on use”, in the back of this booklet.
- Instruct your patient accordingly.

⚠ Warnings related to Tinnitus SoundSupport

If your hearing care professional has activated the sound generator Tinnitus SoundSupport, please pay attention to the following warnings.

There are some potential concerns associated with the use of any sound generated by a tinnitus management device. Among them are the potential worsening of tinnitus, and/or a possible change in hearing thresholds.

Should you experience or notice a change in hearing or tinnitus, or any dizziness, nausea, headaches, heart palpitations, or possible skin irritation at the point of contact with the device, you should immediately discontinue use of the device and consult a medical, audiology, or other hearing care professional.

As with any device, misuse of the sound generator feature may cause potentially harmful effects. Care should be taken to prevent unauthorized use and to keep the device out of reach of children and pets.

Maximum wearing time

Always follow the maximum wearing time per day of the Tinnitus SoundSupport advised by your hearing care professional. Prolonged use may lead to worsening of your tinnitus or of your hearing loss.

⚠ General Warnings

For your personal safety and to ensure correct usage, you should familiarize yourself fully with the following general warnings before using your hearing aids.

Consult your hearing care professional if you experience unexpected operations or serious incidents with your hearing aids during use or because of its use. Your hearing care professional will support you with issue handling and, if relevant, reporting to the manufacturer and/or the national authorities.

Note that hearing aids do not restore normal hearing and do not prevent or improve a hearing impairment resulting from organic conditions. Hearing aids are only a part of hearing habilitation and may need to be supplemented by auditory training and instruction in lipreading. Furthermore, note that in most cases, infrequent use of a hearing aid does not permit a user to attain full benefit from it.

This hearing aid is supported by a non-removable rechargeable lithium-ion battery cell. Please ensure that you charge the hearing aid and familiarize yourself with the safety and handling information related to rechargeable hearing aids.

Do not try to get access to the battery inserted in the hearing instrument. The battery must only be replaced by your hearing care professional.

⚠ General Warnings

Only charge the hearing aids with a designated charger. Other chargers risk destroying the hearing aids and batteries.

If a battery or hearing aid is swallowed, see a doctor immediately.

Usage of hearing aids

- Hearing aids should only be used 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 small parts

- Hearing aids and their parts should be kept out of reach of children and anyone who might swallow these items or otherwise cause injury to themselves.
- If a hearing aid or small part is swallowed, see a doctor immediately.

Fatality hazards and risk of swallowing lithium-ion batteries or placing them in the ear or nose

- Never swallow lithium-ion batteries nor place them in the ear or the nose, as this may lead to serious injury or death in as little as two hours. This can be due to chemical burns, which can permanently

damage the nose or ear or potentially lead to perforation of the inner organs. If a lithium-ion battery is swallowed or placed in the ear or nose, seek emergency medical treatment immediately. Keep the batteries in the original packaging until use. Dispose of used batteries immediately.

Rechargeable battery

- Do not attempt to open the hearing aid, as it may damage the battery.
- Never attempt to replace the battery. If battery replacement is needed, return your device to the supplier. The service guarantee is void if there are signs of tampering.
- In case of battery leakage, do not wear or carry your hearing aid, as it may cause skin irritation due to acids leaking from the battery.
- If your skin has been in contact with the leaked battery acids, use a wet cloth to wipe it off and ensure no acid is left on your skin. If you experience skin irritation, consult your doctor.
- For further handling instructions of your hearing aid consult your hearing care professional.
- The safety of recharging batteries using a USB connector is determined by the external signal source. When connected to external equipment plugged into a power socket, this equipment must comply with IEC 62368-1 or equivalent safety standards.

General Warnings

Dysfunction

- Be aware of the possibility that your hearing aids 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 tubing is blocked by moisture or ear wax.

Active implants

- The hearing aid has been thoroughly tested and characterized for human health according to international standards for human exposure (Specific Absorption Ratio – SAR), induced electromagnetic power and voltages into the human body.
- The exposure values are well below international accepted safety limits for SAR, induced electromagnetic power and voltages into the human body defined in the standards for human health and coexistence with active medical implants, such as pacemakers and heart defibrillators.
- If you have an active brain implant, contact the manufacturer of your implantable device for information about the risk of disturbance.

- The Autophone magnet or MultiTool (which has a built-in magnet) should be kept more than 30 centimeters (1 foot) away from the implant, e.g. do not carry it in your breast pocket.
- Follow the guidelines recommended by the manufacturers of implantable defibrillators and pacemakers regarding their use with magnets.

X-ray/CT/MR/PET scanning, electrotherapy and surgery

- Remove your hearing aid before X-ray examinations and CT/MR/PET scans, electrotherapy, surgery, etc. as your hearing aid may be damaged when exposed to strong electromagnetic fields.

Heat and chemicals

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

General Warnings

Power hearing aid

- Special care should be exercised in selecting, fitting, and using hearing aids where the maximum sound pressure capability exceeds 132 dB SPL (IEC 60318-4 / IEC 711) as there may be a risk of impairing the remaining hearing of the hearing aid user.

For information on whether your instrument is a power hearing aid, see the Model overview section in this booklet.

Possible side effects

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

If these conditions occur, seek consultation with a physician.

Use on aircraft

- Your hearing aids have Bluetooth wireless technology. On board an aircraft, the hearing aids must be put into Flight mode to deactivate Bluetooth, unless Bluetooth is permitted by the flight personnel.

Connection to external equipment

- The safety of the hearing aid, when connected to external equipment with an auxiliary input cable and/or with USB cable and/or directly, is determined by the external signal source. When the hearing aid is connected to external equipment which is plugged into a power socket, this equipment must comply with IEC 62368-1 or equivalent safety standards.

Explosives

The hearing aid is safe to use under normal usage conditions. The hearing aid has not been tested for compliance with international standards concerning explosive environments. Therefore, do not use the hearing aid in environments with danger of explosions e.g. mines, oxygen rich environments or areas where flammable anesthetics are handled.


Modification of hearing aids is not allowed

Changes or modifications not expressly approved by the manufacturer will void the warranty of the equipment.

Use of third-party accessories

Only use accessories, transducers, or cables supplied by the manufacturer. Non-original accessories may result in reduced electromagnetic compatibility (EMC) of your hearing aid.

Interference

The hearing aids have been thoroughly tested for interference according to the most stringent international standards. 

Electromagnetic interference may occur in the vicinity of equipment with the symbol to the right. Portable and mobile RF (radio frequency) communications equipment can affect the performance of your hearing aids. If your hearing aids are affected by electromagnetic interference, move away from the source to reduce the interference.

Detached earpiece in ear canal

If the earpiece is not on the speaker when removed from the ear, the earpiece may still be in the ear canal. For further instructions, consult your hearing care professional.

Troubleshooting guide

Symptom	Possible causes
No sound	Hearing aid is out of power
	Dead battery
	Clogged earpieces (dome, Grip Tip, Micro Mold, or Lite Tip)
Intermittent or reduced sound	Clogged sound outlet
	Moisture
	Hearing aid is out of power
Squealing noise	Hearing aid earpiece inserted incorrectly
	Ear wax accumulated in ear canal
Beeping	If your hearing aid plays 8 beeps, 4 times consecutively, your hearing aid needs a microphone service check
Hearing aid LED remains off when the hearing aid is placed in the charger	The charger is not switched on
	The hearing aid or charger is either too warm or too cold
	Charging is incomplete. The room temperature exceeds +35°C, which prolongs the charging time. The charger has stopped charging to protect the battery.
	The hearing aid is not correctly inserted into the charger

Solutions

Charge the hearing aid

Contact your hearing care professional

Clean mold

Replace wax filter, dome, or Grip Tip

Clean mold or replace wax filter, dome, or Grip Tip

Gently wipe the hearing aid and let it dry

Charge the hearing aid

Re-insert the earpiece

Have ear canal examined by your doctor

Contact your hearing care professional

Verify that the charger power supply is connected correctly

Move the charger and hearing aid to a location with a temperature between +5 °C to +40 °C

Reinsert the hearing aid into the charger. This will complete the charging within approximately 15 minutes.

Check the charger slots for foreign objects

Symptom	Possible causes
The hearing aid LED blinks red/orange when the hearing aid is placed in the charger	System error
Pairing issue with Apple device	Bluetooth® connection failed
	Only one hearing aid paired

Solutions

Contact your hearing care professional

1. Unpair your hearing aids
(Settings → Accessibility → MFi Hearing Devices → Devices → Forget this device).
 2. Turn Bluetooth® off and on again.
 3. Turn off and turn back on the hearing aid.
 4. Re-pair hearing aids
(see section “Pairing hearing aid with iPhone”).
-

If none of the above solutions work, consult your hearing care professional for assistance.

Water & dust resistance (IP68)

Your hearing aid is dust-tight and protected against ingress of water, which means it is designed to be worn in all daily life situations. Therefore, you do not have to worry about sweat or getting wet in the rain. Should your hearing aid come in contact with water and stop working, gently wipe off any water and let the hearing aid dry. Before charging the hearing aid make sure to wipe off any moisture.

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.

Conditions of use

Operating conditions	Temperature: +5°C to +40°C (41°F to 104°F) Humidity: 5 % to 93 % relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
Charging conditions	Temperature: +5°C to +40°C (41°F to 104°F) Humidity: 5 % to 93 % relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
Storage and transportation conditions	Temperature and humidity should not exceed the following limits for extended periods during: Transportation Temperature: -20°C to +60°C (-4°F to 140°F) Humidity: 5 % to 93 % relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa Storage Temperature: -20°C to +30°C (-4°F to 86°F) Humidity: 5 % to 93 % relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa

For information about the charger's conditions of use, see the charger's Instructions for Use.

Warranty certificate

Name of owner:

Hearing care professional:

Hearing care professional address:

Hearing care professional phone:

Purchase date:

Warranty period:

Month:

Model right:

Serial no.:

Model left:

Serial no.:

International warranty

Your hearing aid is covered by an international limited warranty issued by the manufacturer for a period of 12 months from the date of delivery to you. This limited warranty covers manufacturing and material defects in the hearing aid itself, but not in accessories such as batteries, tubing, speakers, ear pieces, filters, etc. Problems arising from improper / incorrect 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. Under this warranty, the manufacturer will choose, at its sole discretion, whether to repair the hearing aid, or replace it with an equivalent model. The above warranty does not affect any legal rights that you might have under applicable national legislation governing the sale of consumer goods. Your hearing care professional may have issued a warranty that goes beyond the clauses of this limited warranty. Consult him/her for further information.

If you need service

Take your hearing aid to your hearing care professional, who may be able to solve minor problems and make adjustments immediately. Your hearing care professional can assist you in obtaining warranty service from the manufacturer. Your hearing care professional may charge a fee for their services.

Technical information

The hearing aids contain the following two radio technologies:

The hearing aids contain a radio transceiver using short range magnetic induction technology operating at 3.84 MHz. The magnetic field strength of the transmitter is very weak and always below 15 nW [typically below -40 dB μ A/m at a distance of 10 meters (-12.20 dB μ A/ft at a distance of 33 feet)].

The hearing aids also contain a radio transceiver using Bluetooth Low Energy technology and a proprietary, short-range radio technology both operating at ISM band 2.4 GHz. The radio transmitter is weak and always below 3 mW equal to 4.8 dBm in total radiated power.

Only use your hearing aids in areas where wireless transmission is permitted.

The hearing aids comply with international standards concerning radio transmitters, electromagnetic compatibility, and human exposure.

Due to the limited space available on the hearing aid, relevant approval markings can be found in this booklet.

Additional information can be found in the Product Information sheet on www.bernafon.com.

USA and Canada

This device contains a radio module (Aurora miniRITE 312 T Rc) with the following certification ID numbers:

FCC ID: 2ACAHSBMRTRC

IC: 11936A-SBMRTRC

Note:

The device complies with Part 15 of the FCC Rules and with Innovation, Science and Economic Development Canada's licence-exempt RSSs standards. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The manufacturer declares that this hearing aid is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

This medical device complies with Medical Device Regulation (EU) 2017/745.

Declaration of Conformity is available at the headquarters.

Bernafon AG
Morgenstrasse 131
3018 Bern
Switzerland
www.bernafon.com/doc

CE 0123



SBO Hearing A/S
Kongebakken 9
DK-2765 Smørum
Denmark



IP68



Waste from electronic equipment must be handled according to local regulations.



Your individual hearing aid settings

To be filled out by your hearing care professional

Settings overview for your hearing aid

Left		Right
<input type="checkbox"/>	Volume control	<input type="checkbox"/>
<input type="checkbox"/>	Program shift	<input type="checkbox"/>
<input type="checkbox"/>	Tinnitus SoundSupport	<input type="checkbox"/>

Volume control indicators

<input type="checkbox"/>	Beeps at min/max volume	<input type="checkbox"/>
<input type="checkbox"/>	Clicks when changing volume	<input type="checkbox"/>
<input type="checkbox"/>	Beeps at preferred volume	<input type="checkbox"/>

Battery indicators

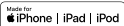
<input type="checkbox"/>	Low battery tones	<input type="checkbox"/>
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Tinnitus SoundSupport: Limitation on use

No limitation on use

Program	Start-up volume (Tinnitus)	Max volume (Tinnitus)
<input type="checkbox"/> 1	Max ____ hours per day	Max ____ hours per day
<input type="checkbox"/> 2	Max ____ hours per day	Max ____ hours per day
<input type="checkbox"/> 3	Max ____ hours per day	Max ____ hours per day
<input type="checkbox"/> 4	Max ____ hours per day	Max ____ hours per day

Description of symbols used in this booklet or on the packaging label

	<p>Warnings Text marked with a warning symbol must be read before using the device.</p>
	<p>Manufacturer The device is produced by the manufacturer whose name and address are stated next to the symbol. Indicates the medical device manufacturer, as defined in EU Regulation 2017/745.</p>
	<p>CE mark The device complies with all required EU regulations and directives. The four-digit number indicates the identification of the notified body.</p>
	<p>Electronic waste (WEEE) Recycle hearing aids, accessories or batteries according to local regulations. Hearing aid users can also return electronic waste to their hearing care professional for disposal. Electronic equipment covered by Directive 2012/19/EU on waste and electrical equipment (WEEE).</p>
	<p>Regulatory Compliance Mark (RCM) The device complies with electrical safety, EMC and radio spectrum requirements for devices supplied to the Australian or New Zealand markets.</p>
	<p>IP code Class of protection against harmful ingress of water and particulate matter according to EN 60529. IP6X indicates total dust protection. IPX8 indicates the protection against the effects of continuous immersion in water.</p>
	<p>Bluetooth® logo Registered trademark of Bluetooth SIG, Inc. where any use of such requires a license.</p>
	<p>Made for Apple badges The device is compatible with iPhone, iPad and iPod touch.</p>
	<p>Keep dry Indicates a medical device that needs to be protected from moisture.</p>

	<p>Catalogue number Indicates the manufacturer's catalogue number so that the medical device can be identified.</p>
	<p>Serial number Indicates the manufacturer's serial number so that a specific medical device can be identified.</p>
	<p>Battery recycling symbol Li-Ion battery recycling symbol.</p>
	<p>Temperature limit Indicates the temperature limits to which the medical device can be safely exposed.</p>
	<p>Humidity limitation Indicates the range of humidity to which the medical device can be safely exposed.</p>
	<p>Hearing loop This logo incorporates the universal symbol for hearing assistance. The "T" signifies that a hearing loop is installed.</p>
	<p>Medical Device The device is a medical device.</p>
	<p>Radio Frequency (RF) transmitter Your hearing aid contains an RF transmitter.</p>
	<p>Global Trade Item Number A globally unique 14-digit number used to identify medical device products including medical device software. GTIN in this booklet is related to medical device firmware (FW). GTIN on regulatory packaging label is related to medical device hardware.</p>
	<p>Unique device identifier Indicates a carrier that contains unique device identifier information.</p>

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Placeholder
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Your hearing • Our passion