Instructions for use

Alpha

miniRITE T
miniRITE T R

Made for
iPhone | iPad | iPod

Works with
android

bernafon
Your hearing · Our passion

Model overview

This booklet is valid for the Bernafon Alpha™ family in the following hearing aid models:

☐ MNR T R
☐ MNR T

FW 1.4

☐ Bernafon Alpha 9 MNR T R	GTIN: (01) 05714464059850
☐ Bernafon Alpha 7 MNR T R	GTIN: (01) 05714464059867
☐ Bernafon Alpha 5 MNR T R	GTIN: (01) 05714464059874
☐ Bernafon Alpha 9 MNR T	GTIN: (01) 05714464059850
☐ Bernafon Alpha 7 MNR T	GTIN: (01) 05714464059867
☐ Bernafon Alpha 5 MNR T	GTIN: (01) 05714464059874

FW 1.4

☐ Bernafon Alpha 3 MNR T R	GTIN: (01) 05714464059881
☐ Bernafon Alpha 1 MNR T R	GTIN: (01) 05714464059898
☐ Bernafon Alpha 3 MNR T	GTIN: (01) 05714464059881
☐ Bernafon Alpha 1 MNR T	GTIN: (01) 05714464059898

The following speakers are available for the above models:

- ☐ Speaker 60
- ☐ Speaker 85
- ☐ Speaker 100 (Power Instrument)
- ☐ Power flex mould speaker 100 (Power Instrument)
- ☐ Power flex mould speaker 105 (Power Instrument)
- ☐ MicroShell 60
- ☐ MicroShell 85

Model overview

This booklet is valid for the Bernafon Alpha™ family in the following hearing aid models:

☐ MNR T R
☐ MNR T

FW 1.3

☐ Bernafon Alpha 9 MNR T R	GTIN: 05714464052363
☐ Bernafon Alpha 7 MNR T R	GTIN: 05714464052370
☐ Bernafon Alpha 5 MNR T R	GTIN: 05714464052387
☐ Bernafon Alpha 9 MNR T	GTIN: 05714464052363
☐ Bernafon Alpha 7 MNR T	GTIN: 05714464052370
☐ Bernafon Alpha 5 MNR T	GTIN: 05714464052387

FW 1.3

☐ Bernafon Alpha 3 MNR T R GTIN: 05714464052394
☐ Bernafon Alpha 1 MNR T R GTIN: 05714464052400

☐ Bernafon Alpha 3 MNR T GTIN: 05714464052394
☐ Bernafon Alpha 1 MNR T GTIN: 05714464052400

The following speakers are available for the above model:

☐ Speaker 60
☐ Speaker 85
☐ Speaker 100 (Power Instrument)
☐ Power flex mould speaker 100 (Power Instrument)
☐ Power flex mould speaker 105 (Power Instrument)
☐ MicroShell 60
☐ MicroShell 85

Introduction to this booklet

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

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.

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 (16 dB HL*) to profound (95 dB 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.*

IMPORTANT NOTICE

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

Table of contents

About

Your hearing aid, speaker and earpiece 13

Getting started

Charging time 16

Battery performance 17

Turn hearing aids ON/OFF 18

Low battery indication 21

Identify left and right hearing aid 22

How to replace the disposable battery – size 312 24

Put on hearing aid 26

Daily use

Cleaning 28

Replace standard earpieces 30

ProWax miniFit filter 32

Clean customised earpieces 34

Replace ProWax filter 35

Hearing aid storage 36

Change volume 37

Change program 38

Options

Flight mode	40
Mute your hearing aids	42
Use your hearing aid with iPhone®, iPad® and iPod®	44
Use your hearing aid with Android devices	45
Pairing and compatibility	46
Call handling	47
Wireless accessories and other options	48

Tinnitus

Tinnitus SoundSupport™ (optional)	50
Sound options and volume adjustments	52
Limitation on use time	54
Tinnitus SoundSupport warnings	57

Warnings

General warnings	58

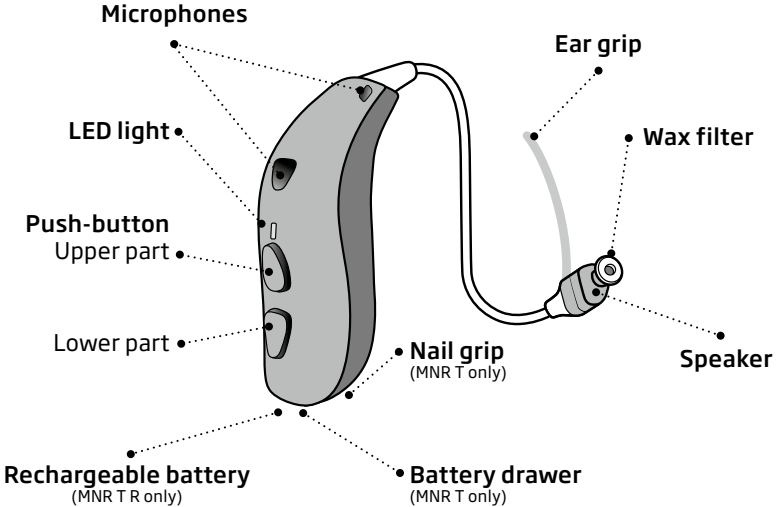
Continues on next page

Table of contents

More info

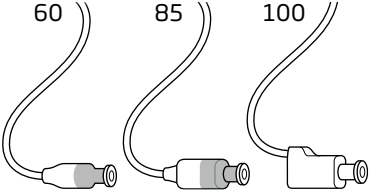
Troubleshooting	66
Water & dust resistant (IP68)	70
Conditions of use	71
Technical information	74
Warranty	81
Your individual hearing aid settings	82
Sound and LED light indicators	85

Your hearing aid, speaker and earpiece

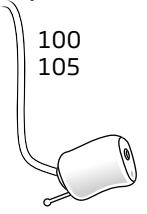


The hearing aid uses one of the following speakers:

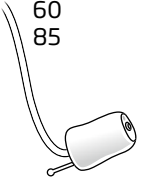
Standard speakers



Power flex mould speakers



MicroShell



The speakers use one of the following earpieces:

Standard earpieces

☐ OpenBass dome

☐ Bass dome, double vent

☐ Power dome

☐ Grip Tip

Available in small and large, left and right, with or without vent.

Customised earpieces

☐ LiteTip

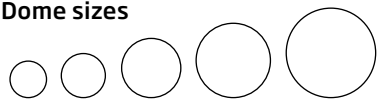
☐ Micro mould

☐ VarioTherm® LiteTip

☐ VarioTherm® Micro mould

VarioTherm® is a registered trademark of Dreve.

Dome sizes



*Only as OpenBass dome for speaker 60

Note
For details on replacing the dome, see the **Replace standard earpieces** section.

Charging time

(MNR T R only)

Ensure you fully charge your hearing aids before first use and charge them every night. That ensures you start your day with fully charged hearing aids.

If your hearing aid's battery is completely drained, the normal charging time is:

3 hours	1 hour	0.5 hour
Fully charged	50% charged	25% charged

When the battery is fully charged, the charging process stops automatically.

Charging time may vary depending on the remaining capacity of the battery and between the left/right hearing aid.

For instructions on how to use your charger, see the charger's instructions for use.

Battery performance

The battery performance varies depending on your individual use and hearing aid settings. Streaming sound from a TV, mobile phone or connectivity devices can influence this performance.

Rechargeable battery – MNR T R only
If your rechargeable hearing aids do not perform for a full day, you may need to have the rechargeable battery replaced. If so, contact your hearing care professional.

If your hearing aids run out of battery, ensure you recharge them by placing them in the charger.

Be aware that restarting the hearing aids does not give you more usage time.

Turn hearing aids ON/OFF

Using the charger- MNR T R only
Your hearing aids automatically turn ON when removed from the charger.

The hearing aid LED light turns **GREEN** after approximately two seconds. Wait until the hearing aid LED light blinks **GREEN** twice, confirming that it is ready for use. Depending on your hearing aid settings, you may also hear a start-up jingle.

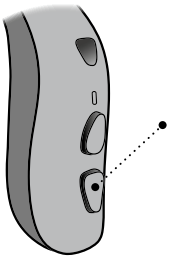
Your hearing aid automatically turns OFF and starts charging when placed in the charger. The hearing aid LED light turns **ORANGE**.

IMPORTANT NOTICE

If applicable, ensure that your charger is powered or that the charger's built-in battery is charged when the hearing aid is seated in the charging port. For more information, see your charger's instructions for use.

Using the push-button - MNR T R only

The hearing aids can be turned ON/OFF using the push-button.



To turn ON

Press and hold the lower part of the push-button for approximately two seconds until the hearing aid LED light turns **GREEN**.

Release the push-button and wait until the hearing aid LED light blinks **GREEN** twice.

The hearing aid is now turned ON.

To turn OFF

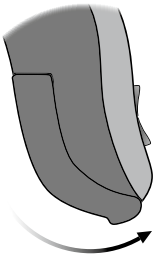
Press and hold the lower part of the push-button for approximately three seconds until the hearing aid LED light turns **ORANGE**. The hearing aid plays four descending tones. Release the push-button and the hearing aid is turned OFF.

For information regarding tones, see the **Sound and LED light indicators** section.

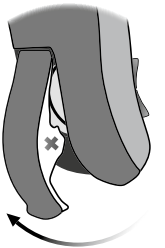
Using the battery drawer - MNR T only

The battery drawer is used to turn the hearing aids ON and OFF.
To save battery life, make sure your hearing aids are switched OFF when you are not wearing them. To perform a quick reset of hearing aid settings, open and close the battery drawer.

Turn ON
Close the battery drawer with the battery in place.



Turn OFF
Open the battery drawer.



Low battery indication

Just before the battery runs out completely, you hear four descending tones. To extend battery performance, ensure you stop any audio streaming.

☐ MNR T R: When the battery is running low, you hear three alternate beeps. This gives you approximately two hours before the hearing aid runs out of battery. At this point, you may continue to stream audio for approximately one hour.

☐ MNR T: When the battery is running low, you hear three alternate beeps. This gives you approximately 15 minutes before the hearing aid runs out of battery. At this point, Bluetooth® connectivity is turned OFF.

♪♪♪ **Three alternate beeps**
= The battery is running low.

♪♪♪♪ **Four descending tones**
= The battery has run out.

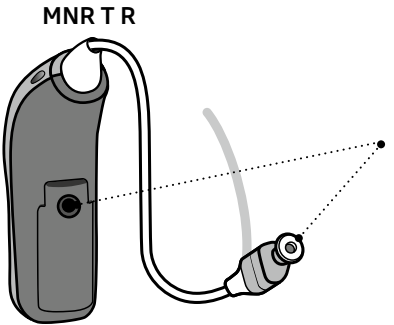
LED light
Continuous **ORANGE** blinks indicate low battery.

Identify left and right hearing aid

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

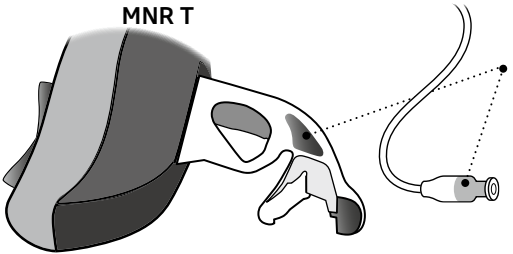
You can find left/right colour indicators on the hearing aid itself and on 60 and 85 speakers as shown. Indicator markings (either L or R) can also be found on 100 speakers and customised earpieces.

For 105 speakers, the indicator is found on the earpiece.



A **RED** indicator marks the RIGHT hearing aid.

A **BLUE** indicator marks the LEFT hearing aid.



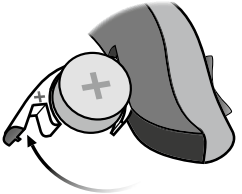
A **RED** indicator marks the RIGHT hearing aid.

A **BLUE** indicator marks the LEFT hearing aid.

How to replace the disposable battery – size 312

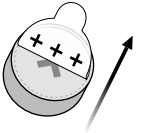
(MNR T only)

1. Remove



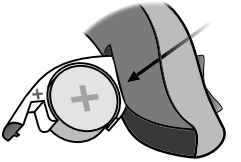
Fully open the battery drawer and remove the battery.

2. Uncover



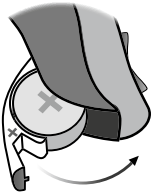
Remove the sticky label from the + side of the new battery.

3. Insert



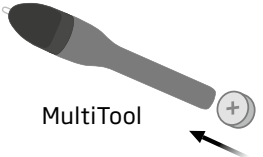
Insert the new battery into the battery drawer with the + side facing upwards.

4. Close



Close the battery drawer.
You may hear a jingle through the earpiece.

Tip



You can use the MultiTool to change the battery. Use the magnetic end to remove and insert batteries.

The MultiTool is provided by your hearing care professional.

Put on hearing aid

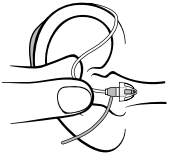
Step 1

Place the hearing aid behind your ear.

You should always use the speaker with an earpiece attached.

Ensure you only use parts designed for your hearing aid.

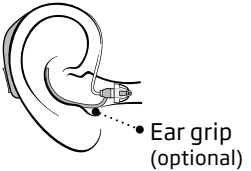
Step 2



Hold the bend of the speaker wire between your thumb and index finger.

The earpiece should point towards the opening of the ear canal.

Step 3

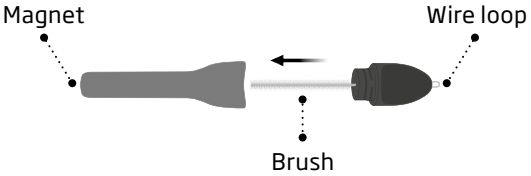


Gently push the earpiece into your ear canal until the speaker wire sits close to your head.

If the speaker has an ear grip, place it in the ear so it follows the contour of the ear.

Cleaning

The MultiTool contains a brush and wire loop for cleaning and removing earwax. If you need a new MultiTool, contact your hearing care professional.



IMPORTANT NOTICE

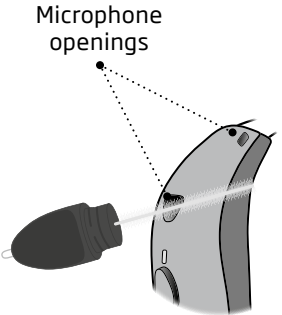
The MultiTool has a built-in magnet. Keep the MultiTool at least 30 centimetres (1 foot) away from credit cards and other magnetically-sensitive devices.

When handling the hearing aid, hold it over a soft surface to avoid damage in case you drop it.

Clean the microphone openings

Use the MultiTool brush to carefully brush debris away from the openings and the surface around the openings.

Ensure that you do not forcefully squeeze parts of the MultiTool into the microphone openings. This may damage the hearing aid.



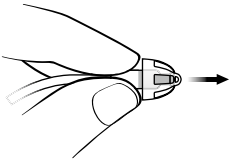
IMPORTANT NOTICE

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

Replace standard earpieces

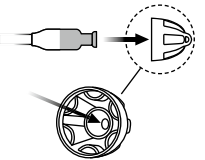
It is important that you do not clean the standard earpiece (dome and Grip Tip). If the earpiece is filled with earwax, replace it with a new one. Grip Tip needs to be replaced at least once a month.

Step 1



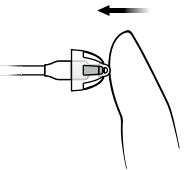
Hold on to the speaker and pull off the earpiece.

Step 2



Insert the speaker exactly into the middle of the earpiece to get a secure fit.

Step 3



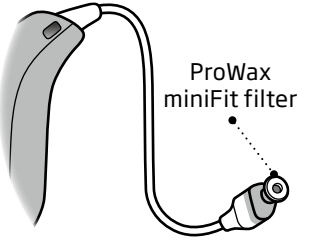
Push firmly to ensure that the earpiece is securely fastened.

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 keeps earwax and debris from damaging the speaker.



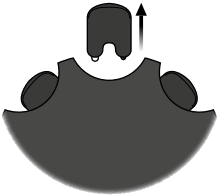
Ensure you replace the filter when clogged, or if the hearing aid does not sound normal. Alternatively, contact your hearing care professional. Ensure you remove the earpiece from the speaker before replacing the wax filter. To do this, see the **Replace standard earpieces** section.

IMPORTANT NOTICE

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

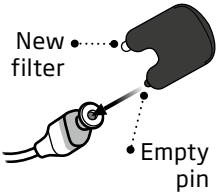
Replace ProWax miniFit filter

1. Tool



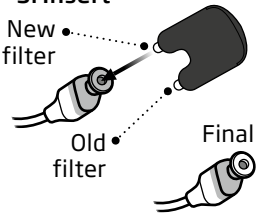
Remove the tool from the shell. The tool has two pins, one empty for removal and one with the new wax filter.

2. Remove



Insert 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.

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

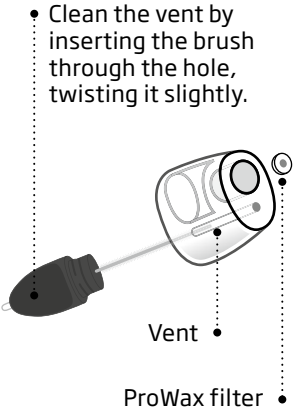
Clean customised earpieces

Ensure that you regularly clean the earpiece.

The earpiece has a white wax filter* that keeps earwax and debris from damaging the speaker.

Ensure you replace the filter when clogged, or if the hearing aid does not sound normal.

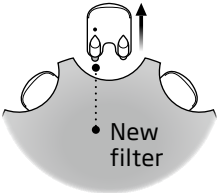
Alternatively, contact your hearing care professional.



Note
If you use a mould or LiteTip, your hearing care professional must replace the wax filter in the speaker.
* VarioTherm Micro mould and LiteTip do not have a wax filter

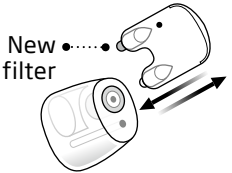
Replace ProWax filter

1. Tool



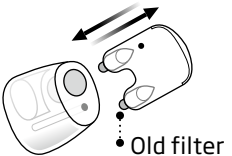
Remove the tool from the shell. The tool has two pins, one empty for removal and one with the new wax filter.

2. Remove



Insert the empty pin into the wax filter in the earpiece and pull it out.

3. Insert



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

Hearing aid storage

(MNR T R only)

When you are not using your hearing aid, the charger is the best place to keep it.

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

Long-term storage

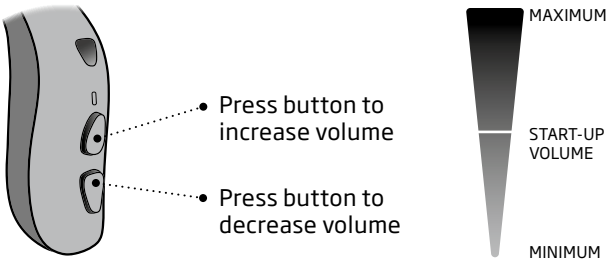
Before you put away or store the hearing aid for a prolonged period of time (more than 14 days), ensure you first fully charge the hearing aid, and then turn it OFF. This way the battery can be charged again.

Note
To protect the rechargeable battery, it is necessary that you fully charge the hearing aid every six months. If a stored hearing aid is not charged within a six month period, the rechargeable battery must be replaced.

Change volume

The push-button lets you adjust the volume. When you increase or decrease the volume, you hear a beep.

For information regarding button press times, see the table **General settings overview for your hearing aid**, in the **Your individual hearing aid settings** section at the end of this booklet.

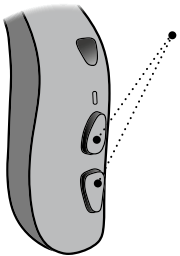


Change program

Your hearing aid can save up to four different programs configured by your hearing care professional. Depending on the program you choose (1, 2, 3 or 4), you hear one to four tones.

For information regarding tones, see the **Sound and LED light indicators** section.

For information regarding button press times see the table **General settings overview for your hearing aid**, in the **Your individual hearing aid settings** section at the end of this booklet.



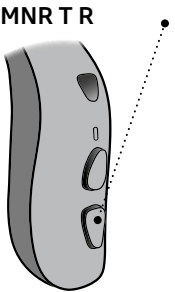
Press the push-button to switch between programs.

The program cycle switches one program forward when the upper part of the push-button is pressed, for example program 1 to 2 or program 4 to 1.

If the lower part of the push-button is pressed, the program cycle goes backward, for example 2 to 1 or program 1 to 4.

Flight mode

When Flight mode is activated, Bluetooth connectivity is turned OFF. However, the hearing aid is still turned ON and functioning. Be aware that pressing the push-button on one hearing aid, activates Flight mode on both hearing aids. For more information about sounds and lights, see the **Sound and LED light indicators** section.



- **To activate and deactivate**

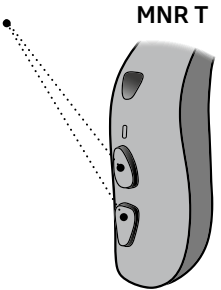
  Press and hold the lower part of the push-button for seven seconds.

  Four descending tones, a short jingle and an LED light pattern confirm your action.

To activate and deactivate

Press and hold either end of the push-button for at least seven seconds. A jingle and an LED light pattern confirm your action.

Opening and closing the battery drawer also deactivates Flight mode.



Mute your hearing aids

In both MNR T and MNR T R you can mute your hearing aids by using one of the following optional devices/app:

- EasyControl-A app
- SoundClip-A
- RC-A

How to unmute your hearing aids
You can unmute your hearing aids by using one of the optional devices/app or by applying a short press to the upper or lower part of the push-button on the hearing aids.

MNR T only
You can also mute your hearing aids by pressing either end of the push-button for four seconds.

IMPORTANT NOTICE

Do not use the mute function as an OFF button, as the hearing aid is still using battery power in this mode.

Use your hearing aid with iPhone®, iPad® and iPod®

Bernafon Alpha are Made for iPhone® hearing aids and allow for direct streaming from your iPhone, iPad or iPod touch.*

Additionally, Bernafon Alpha offers hands-free communication with compatible iPhone and iPad devices.*

EasyControl-A app can be used to control your hearing aids from your mobile device.*

For assistance in using your hearing aids with any of these products, contact your hearing care professional.

Use of the Made for Apple badge means that an accessory has been designed to connect specifically to the Apple products 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.

*For a list of compatible iPhone, iPad, iPod touch and Android devices, visit: www.bernafon.com/products/accessories

Use your hearing aid with Android devices

Bernafon Alpha supports Audio Streaming for Hearing Aids (ASHA) and allows for direct streaming from selected Android™ devices.*

EasyControl-A app can be used to control your hearing aids from your mobile device.*

For assistance in using your hearing aid with Android devices, contact your hearing care professional.

Pairing and compatibility

For instructions on how to pair your hearing aid with iPhone, iPad, iPod touch or Android devices, visit:

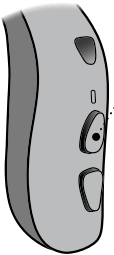
www.bernafon.com/hearing-aid-users/support/library/

For a list of compatible iPhone, iPad, iPod touch and Android devices, visit:

www.bernafon.com/products/accessories

Call handling

You can answer, reject or end phone calls with the push-buttons on your hearing aids. For this functionality, your hearing aids must be paired with a compatible iPhone*.



To accept
Use a short press on either push-button to accept a phone call. A short tone confirms your action.

To reject
Press and hold on either push-button to reject a phone call. Short, descending tones confirm your action.

To end
Press and hold on either push-button to end a phone call. Short, descending tones confirm your action.

* For a list of compatible iPhones, visit: www.bernafon.com/products/accessories

Wireless accessories and other options

There are a range of accessories available as an enhancement to your wireless hearing aid. These enable you to hear and communicate better in everyday situations.

SoundClip-A
A device that can be used as remote microphone and hands-free headset when paired to your mobile phone.

TV-A
A device that streams sound from a TV or electronic audio device, to your hearing aids.

RC-A
A device that lets you change program, adjust volume, or mute your hearing aids.

EduMic

A device that can be used as a remote microphone in classrooms, work environments, public places (using Telecoil), and other settings.

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 EasyControl-A app from the official app stores.

Telecoil

Telecoil can help you hear better when using a phone with a built-in loop or when in buildings with teleloop systems such as theatres, places of worship, or lecture rooms. This symbol is shown wherever a teleloop has been installed.

Apple, the Apple logo, iPhone, iPad, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android, Google Play, and the Google Play logo are trademarks of Google LLC.

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 of age.

Tinnitus SoundSupport is targeted to licenced 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

The following 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 the person reporting tinnitus has a medical evaluation by a licenced 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 adjustments

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 only mutes the environmental sounds, and not the sound from Tinnitus SoundSupport. For information on how to mute your hearing aids, see the **Mute your hearing aids** section.

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 sets 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.

For more information about volume adjustments with Tinnitus SoundSupport, see the table **Tinnitus SoundSupport settings overview for your hearing aid** in the **Your individual hearing aid settings** section at the end of this booklet.

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

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 automatically displays a warning when the hearing aid exceeds 80 dB(A) SPL. For more information, in the fitting software, next to the tinnitus fitting graph, see the **Max wearing time indicator**.

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.

1. Be aware and note down the maximum wearing time for each program for which Tinnitus SoundSupport is activated.

2. Ensure you write those values on the **Tinnitus SoundSupport: Limitation on use** table in the back of this booklet.

3. Instruct your patient accordingly.

⚠ Tinnitus SoundSupport warnings

If your hearing care professional has activated the sound generator Tinnitus SoundSupport, ensure you 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 unauthorised 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 familiarise yourself fully with the following general warnings before using your hearing aid.

Consult your hearing care professional if you experience unexpected operations or serious incidents with your hearing aid 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.

(MNR T R only)

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

This hearing aid is supported by a non-removable rechargeable lithium-ion battery cell. Please ensure to charge the hearing aid and familiarise 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.

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 or other small parts
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.

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

(MNR T only)

Batteries have occasionally been mistaken for pills. Therefore, check your medicine carefully before swallowing any pills.

Battery use
(MNR T only)

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.

Continues on next page

⚠ General warnings

Explosives
(MNR T R only)

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 anaesthetics are handled.

Fatality hazards and risk of swallowing lithium-ion batteries or placing them in the ear or nose
(MNR T R only)

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
(MNR T R only)

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, please return your device to your hearing care professional. The service guarantee is void if there are signs of tampering.

In case of battery leakage do not wear your hearing aid, as it may cause skin irritation due to acids coming from the leaking 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 instrument 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.

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 tubing is blocked by moisture or earwax.

Continues on next page

⚠ General warnings

Active implants
The hearing aid has been thoroughly tested and characterised 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 internationally 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, please 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 centimetres (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.

Cochlear implants
If you are using a cochlear implant (CI) on one ear and a hearing aid on the other ear, make sure to always keep your CI at least a 1 centimetre (0,4 inches) distance from your hearing aid. The magnetic field from CI sound processors, coils and magnets may permanently damage the speaker unit in your hearing aid. Never place the devices close together on a table e.g. when cleaning or changing batteries. Do not carry the CI and the hearing aid together in the same box.

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.

X-ray/CT/MR/PET scanning, electrotherapy and surgery
Remove your hearing aid before X-ray, CT/MR/PET scanning, electrotherapy, surgery, etc. as your hearing aid may be damaged when exposed to 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, sunscreen 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.

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

Continues on next page

⚠ 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 60138-4/IEC 711) as there may be a risk of impairing the remaining hearing of the hearing aids 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.

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 aids.

Modification of hearing aids is not allowed
Changes or modifications not expressly approved by the manufacturer will void the warranty of the equipment.

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 left. 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.

Troubleshooting

MNR T R/T

Symptom	Possible causes
No sound	Hearing aid is out of power
	Dead battery
	Clogged earpieces (dome, Grip Tip, or mould)
	Hearing aid microphone muted
Intermittent or reduced sound	Clogged sound outlet
	Moisture
Squealing noise	Hearing aid earpiece incorrectly inserted
	Earwax accumulated in ear canal
Beeping	If your hearing aid plays eight beeps, four times consecutively, your hearing aid needs a microphone service check
Pairing issue with smartphone	Bluetooth connection failed
	Only one hearing aid is paired

Solutions
Charge the hearing aid (**MNR T R only**) / Replace the battery (**MNR T only**)
Contact your hearing care professional (**MNR T R only**) / Replace the battery (**MNR T only**)
Clean mould Replace wax filter, dome, or Grip Tip
Unmute the hearing aid microphone
Clean mould or replace wax filter, dome, or Grip Tip
Gently wipe the hearing aid and let it dry
Re-insert the earpiece
Have ear canal examined by your doctor
Contact your hearing care professional
1) Unpair your hearing aid **2)** On your phone, turn Bluetooth OFF and ON again **3)** Turn the hearing aid OFF and then turn it back ON **4)** Pair your hearing aid again (For guidance, visit: www.bernafon.com/hearing-aid-users/support/library/)

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

Continues on next page

Troubleshooting

MNR T R only – To troubleshoot the charger, see your charger's instructions for use.

Symptom	Possible causes
The hearing aid LED light remains turned OFF when the hearing aid is placed in the charger	The charger is not turned ON
	The hearing aid or charger's temperature is either too warm or too cold
	Charging is incomplete. The charger has stopped charging to protect the battery.
	The hearing aid is incorrectly seated in the charger
The hearing aid LED light blinks GREEN when the hearing aid is placed in the charger	Hearing aid has not been in use for a prolonged period of time
The hearing aid LED light blinks ORANGE when the hearing aid is placed in the charger	System error

Solutions
Verify that the charger's power plug is correctly connected or the power bank has enough battery
Move the charger and hearing aid to a location with a temperature between +5°C and +40°C (+41°F and +104°F)
Reinsert the hearing aid into the charger. This completes the charging within approximately 15 minutes.
Check the charging ports for foreign objects
Depending on how depleted the battery in the hearing aid is, the hearing aid automatically resumes normal charging mode after a timeframe of up to 10 minutes. Ensure you leave the hearing aids in the charger during this process.
Contact your hearing care professional

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

Water & dust resistant (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.

The water and dust resistance means you do not have to worry about your hearing aid getting wet when it rains, or if it comes into contact with sweat.

Before charging the hearing aid make sure to wipe off any moisture.

Should your hearing aid come into contact with water and stop working, gently wipe off any water and let the hearing aid dry.

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

(MNR T R only)

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
Transportation and storage conditions	Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage: **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

Note
For more information about the charger's conditions of use, see your charger's instructions for use.

Conditions of use

(MNR T only)

Operating conditions	Temperature: +1°C to +40°C (34°F to 104°F) Humidity: 5% to 93% relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa
Transportation and storage conditions	Temperature and humidity shall not exceed the below limits for extended periods during transportation and storage: **Transportation:** Temperature: -25°C to +60°C (-13°F to 140°F) Humidity: 5% to 93% relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa **Storage:** Temperature: -25°C to +60°C (-13°F to 140°F) Humidity: 5% to 93% relative humidity, non-condensing Atmospheric pressure: 700 hPa to 1060 hPa

Technical information

The hearing aid contains the following two radio technologies:

The hearing aid contains 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 dBµA/m (-12.20 dBµA/ft) at 10 metres (33 feet) distance).

The hearing aid also contains 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 9 mW equal to 9.6 dBm in total radiated power.

The hearing aid complies with international standards concerning electromagnetic compatibility and human exposure. Only use your hearing aid in areas where wireless transmission is permitted.

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

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 from the headquarters.

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

CE 0123

Bluetooth®

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

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

IP68

	Description of symbols and abbreviations used in this booklet
⚠	**Warnings** Text marked with a warning symbol must be read before using the device.
	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 Regulations 2017/745.
CE 0123	**CE mark** The device complies with all required EU regulations and directives. The four digit number indicates the identification of the notified body.
	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).
	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.
IP68	**IP code** Indicates the class of protections 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.
Bluetooth®	**Bluetooth logo** Registered trademark of Bluetooth SIG, Inc. where any use of such requires a licence.

	Description of symbols and abbreviations used in this booklet
Made for iPhone | iPad | iPod	**Made for Apple badges** Indicates that the device is compatible with iPhone, iPad and iPod touch.
Made with android	**Android badge** Indicates that the device is compatible with Android.
T	**Hearing loop** This logo incorporates the universal symbol for hearing assistance. The "T" signifies that a hearing loop is installed.
	Radio Frequency (RF) transmitter Your hearing aid contains an RF transmitter.
GTIN	**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.
FW	**FW** Firmware version used in the device.

Description of additional symbols used on labels	
	Keep dry Indicates a medical device that needs to be protected from moisture.
REF	**Catalogue number** Indicates the manufacturer's catalogue number so that the medical device can be identified.
SN	**Serial number** Indicates the manufacturer's serial number so that a specific medical device can be identified.
MD	**Medical Device** The device is a medical device.
Li-ion	**Battery recycling symbol** Li-ion battery recycling symbol.
	Temperature limit Indicates the temperature limits to which the medical device can be safely exposed.
	Humidity limitation Indicates the range of humidity to which the medical device can be safely exposed.
RFID	**Radio Frequency Identification** Indicates the presence of a passive radio-frequency identification tag incorporated into the device for manufacturing and service purposes.
UDI	**Unique device identifier** Indicates a carrier that contains unique device identifier information.

International warranty

Your device is covered by an international warranty issued by the manufacturer. This international warranty covers manufacturing and material defects in the device itself, but not in accessories such as batteries, tubing, speakers, earpieces and filters, etc. Problems arising from improper/incorrect handling or care, excessive use, accidents, repairs made by an unauthorised 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 international warranty and may void it. The above international warranty does not affect any legal rights that you might have under applicable national legislation governing the sale of consumer goods in the country where you have bought your device. Your hearing care professional may also have issued a warranty that goes beyond the clauses of this international warranty. Please consult him/her for further information.

If you need service

Take your device to your hearing care professional, who may be able to sort out minor problems and adjustments immediately. Your hearing care professional may charge a fee for their services.

Warranty

Certificate

Name of owner: _____

Hearing care professional: _____

Hearing care professional's address: _____

Hearing care professional's phone: _____

Purchase date: _____

Warranty period: _____ Month: _____

Model left: _____ Serial no.: _____

Model right: _____ Serial no.: _____

Your individual hearing aid settings

To be filled out by your hearing care professional.

Tinnitus SoundSupport: Limitation on use			
☐	No limitation on use		
	Program	**Start-up volume (Tinnitus)**	**Max volume (Tinnitus)**
☐	1	Max _____ hours per day	Max _____ hours per day
☐	2	Max _____ hours per day	Max _____ hours per day
☐	3	Max _____ hours per day	Max _____ hours per day
☐	4	Max _____ hours per day	Max _____ hours per day

Tinnitus SoundSupport settings overview for your hearing aid				
Left			**Right**	
☐ Yes	☐ No	Tinnitus SoundSupport	☐ Yes	☐ No

☐ **A) How to change Tinnitus SoundSupport volume in each ear separately**
To **increase** or **decrease** the volume (on one hearing aid only), use a short press on the upper or lower part of the push-button repeatedly until you reach your desired level.

☐ **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 follows.
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.

General settings overview for your hearing aid				
Left			**Right**	
☐ Yes	☐ No	Change volume	☐ Yes	☐ No
☐ Yes	☐ No	Change program	☐ Yes	☐ No
☐ Short press			☐ Short press	
☐ Long press			☐ Long press	
Volume control indicators				
☐ ON	☐ OFF	Beeps at min/max volume	☐ ON	☐ OFF
☐ ON	☐ OFF	Beeps when changing volume	☐ ON	☐ OFF
☐ ON	☐ OFF	Beeps at start-up volume	☐ ON	☐ OFF
Battery indicators				
☐ ON	☐ OFF	Low battery warning	☐ ON	☐ OFF

To be filled out by your hearing care professional.

Sound and LED light indicators

Different sounds and light patterns indicate the hearing aid status. The different indicators are listed on the following pages. For light indicators on your charger, see the charger's instructions for use.

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

Program	☐ Sound	☐ LED light*	When to use
1	1 tone	◯	
2	2 tones	◯◯	
3	3 tones	◯◯◯	
4	4 tones	◯◯◯◯	

◯ Short GREEN blink

*LED light blinks continuously or is repeated three times with short pauses

Continues on next page

ON/OFF	Sound	LED light	LED light comments
ON	☐ Jingle	☐ ▭ ▭ ▭	Shown once
OFF **(MNR T R only)**	☐ 4 descending tones	☐ ▬	
Volume	**Sound**	**LED light**	
Start-up volume	☐ 2 beeps	☐ ▭	
Minimum/maximum volume	☐ 3 beeps	☐ ●	
Volume up/down	☐ 1 beep	☐ ○	
Mute		☐ ○ ●	Continuous or repeated three times

▭ Long GREEN blink ○ Short GREEN blink ▬ Long ORANGE blink ● Short ORANGE blink

Accessories	☐ Sound	☐ LED light	LED light comments
TV-A	2 different tones		Continuous or repeated three times
SoundClip-A	2 different tones		
Flight mode	**☐ Sound**	**☐ LED light**	
Flight mode activated **(MNR T R only)**	4 descending tones + short jingle		
Flight mode deactivated **(MNR T R only)**	4 descending tones + short jingle	*	
Flight mode activated **(MNR T only)**	Short jingle		
Flight mode deactivated **(MNR T only)**	Short jingle	*	

Long GREEN blink Short GREEN blink Long ORANGE blink Short ORANGE blink

*Only available when three-time repetition is selected

Continues on next page

Warnings	Sound	LED light	LED light comments
Low battery	☐ 3 alternate beeps	☐●●●●●●●	Continuously blinking
Battery shut down	4 descending tones		
Microphone service check needed	8 beeps repeated 4 times	☐▬▬▬▬	Repeated four times
The hearing aid LED light does not turn ON when the hearing aid is placed in the charger **(MNR T R only)**		Turned OFF	See the **Trouble-shooting** section

251510UK / 2023.02.06 / v3

Warnings	Sound	LED light	LED light comments
The hearing aid LED light blinks ORANGE when the hearing aid is placed in the charger **(MNR T R only)**			Continuously blinking. See the **Troubleshooting** section.
The hearing aid LED light blinks GREEN when the hearing aid is placed in the charger **(MNR T R only)**			Continuously blinking. See the **Troubleshooting** section.

Long GREEN blink Short GREEN blink Long ORANGE blink Short ORANGE blink

251510UK / 2023.02.06 / v3

251510UK / 2023.02.06 / v3

0000251510000001

bernafon

Your hearing · Our passion