Instructions for use

miniRITE R
miniRITE T

Jet PX

Made for iPhone | iPad

Mac

Works with android

oticon
life-changing technology

WARNING: People younger than 18 should go to a doctor before using this.
People younger than 18 years old need specialized care, and using this without a medical evaluation may worsen impairment or disability.
A hearing aid user who is younger than 18 should have a recent medical evaluation from a doctor, preferably an ear-nose-throat doctor (an ENT). Before using this, a doctor should determine that the use of a hearing aid is appropriate.

WARNING to Hearing Aid Dispensers:
You should advise a prospective hearing aid user to consult promptly with a doctor, preferably an ear specialist such as an ENT, before dispensing a hearing aid if you determine through inquiry, actual observation, or review of any other available information concerning the prospective user, that the prospective user has any of the following conditions:

- Visible deformity of the ear, either congenital or traumatic
- Fluid, pus, or blood coming out of the ear within the previous 6 months
- Pain or discomfort in the ear
- History of excessive ear wax or suspicion that something is in the ear canal
- Dizziness, either recent or long-standing
- Sudden, quickly worsening, or fluctuating hearing loss within the previous 6 months
- Hearing loss or ringing (tinnitus) only in one ear or a noticeable difference in hearing between ears
- Audiometric air-bone gap equal to or greater than 15 dB at 500 Hz, 1000 Hz, and 2000 Hz

WARNING to Hearing Aid Dispenser, Outputs over 132 dB SPL:
You should exercise special care in selecting and fitting a hearing aid with a maximum output that exceeds 132 dB SPL because it may impair the remaining hearing of the hearing aid user.

Caution: This is not hearing protection.
You should remove this device if you experience overly loud sounds, whether short or long-lasting. If you're in a loud place, you should use the right kind of hearing protection instead of wearing this device. In general, if you would use ear plugs in a loud place, you should remove this device and use ear plugs.

Caution: The sound output should not be uncomfortable or painful.
You should turn down the volume or remove the device if the sound output is uncomfortably loud or painful. If you consistently need to turn the volume down, you may need to further adjust your device.

Caution: You might need medical help if a piece gets stuck in your ear.
If any part of your hearing aid, like the eartip, gets stuck in your ear, and you can't easily remove it with your fingers, get medical help as soon as you can. You should not try to use tweezers or cotton swabs because they can push the part farther into your ear, injuring your eardrum or ear canal, possibly seriously.

Note: What you might expect when you start using a hearing aid
A hearing aid can benefit many people with hearing loss. However, you should know it will not restore normal hearing, and you may still have some difficulty hearing over noise. Further, a hearing aid will not prevent or improve a medical condition that causes hearing loss.

People who start using hearing aids sometimes need a few weeks to get used to them. Similarly, many people find that training or counseling can help them get more out of their devices.

If you have hearing loss in both ears, you might get more out of using hearing aids in both, especially in situations that make you tired from listening –for example, noisy environments.

Note: Tell FDA about Injuries, malfunctions, or other adverse events. To report a problem involving your hearing aid, you should submit Information to FDA as soon as possible after the problem. FDA calls them "adverse events," and they might include: skin irritation in your ear, injury from the device (like cuts or scratches, or burns from an overheated battery), pieces of the device getting stuck in your ear, suddenly worsening hearing loss from using the device, etc.

Instructions for reporting are available at https://www.fda.gov/Safety/MedWatch, or call 1-800-FDA-1088. You can also download a form to mail to FDA.

Note: Hearing loss in people younger than 18

- People younger than 18 should see a doctor first, preferably an ear-nose-throat doctor (an ENT), because they may have different needs than adults.
- The doctor will identify and treat medical conditions as appropriate.
- The doctor may refer the person to an audiologist for a separate test, a hearing aid evaluation.
- The hearing aid evaluation will help the audiologist select and fit the appropriate hearing aid.

A person who is younger than 18 years old with hearing loss should have a medical evaluation by a doctor, preferably an ENT, before buying a hearing aid. The purpose of a medical evaluation is to identify and treat medical conditions that may affect hearing but that a hearing aid won't treat on its own.

Following the medical evaluation and if appropriate, the doctor will provide a written statement that the hearing loss has been medically evaluated and the person is a candidate for a hearing aid. The doctor may refer the person to an audiologist for a hearing aid evaluation, which is different from the medical evaluation and is intended to identify the appropriate hearing aid.

The audiologist will conduct a hearing aid evaluation to assess the person's ability to hear with and without a hearing aid. This will enable the audiologist to select and fit a hearing aid for the person's individual needs. An audiologist can also provide evaluation and rehabilitation since, for people younger than 18, hearing loss may cause problems in language development and educational and social growth. An audiologist is qualified by training and experience to assist in the evaluation and rehabilitation of hearing loss in people younger than 18.

Model overview

This booklet is valid for the following hearing aid models:

☐ miniRITE R
☐ miniRITE T

FW 1.0

☐ Oticon Jet PX 1 miniRITE R	GTIN: (01) 05714464150151
☐ Oticon Jet PX 2 miniRITE R	GTIN: (01) 05714464150168
☐ Oticon Jet PX 1 miniRITE T	GTIN: (01) 05714464150151
☐ Oticon Jet PX 2 miniRITE T	GTIN: (01) 05714464150168

The following speakers are available for the above models:

- ☐ Speaker 60
- ☐ Speaker 85
- ☐ Speaker 100
- ☐ Power Receiver mold speaker 100
- ☐ Power Receiver mold speaker 105
- ☐ 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.

Warnings
Text marked with a warning symbol must be read before using the device.

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 (96 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 optimized to your personal hearing capabilities during the hearing aid fitting performed by your hearing care professional.

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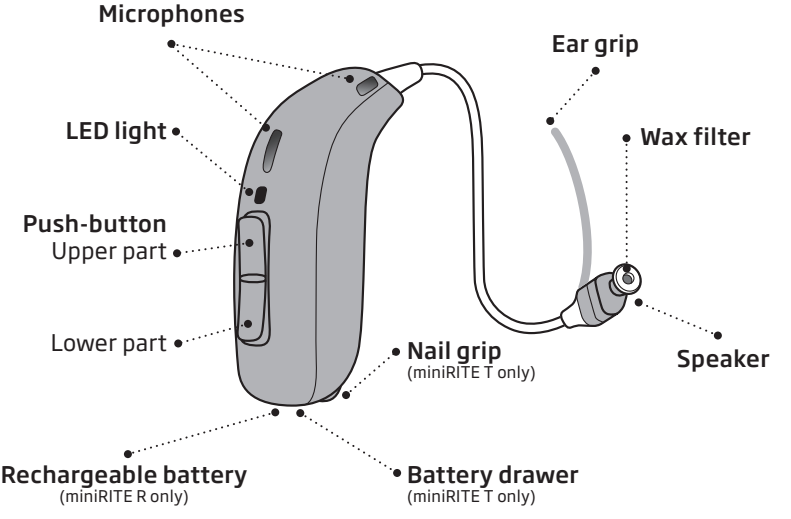
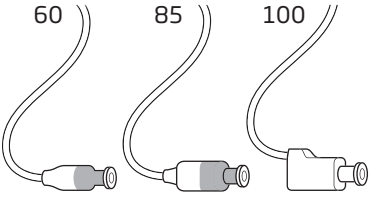
Your hearing aid, speaker and earpiece

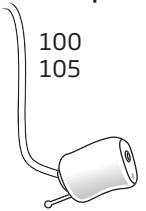


The hearing aid uses one of the following speakers:

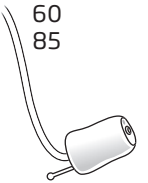
Standard speakers



Power Receiver mold speakers



MicroShell



The speakers use one of the following earpieces:

Standard earpieces

☐ OpenBass dome

☐ Bass dome, double vent

☐ Power dome

☐ Grip Tip

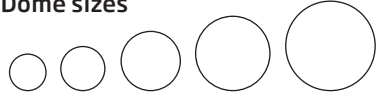
Available in small and large, left and right, with or without vent.

Customized earpieces

☐ LiteTip**

☐ MicroMold**

Dome sizes



*Only as OpenBass dome for speaker 60

**Can be made of different materials

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

Charging time

(miniRITE 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 – miniRITE 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.

IMPORTANT NOTICE
When charging in high ambient temperatures, your hearing aid may reach up to 113°F.

Turn hearing aids ON/OFF

Using the charger- miniRITE 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.

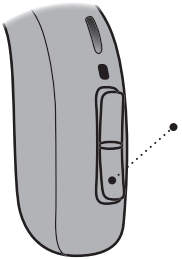
Your hearing aid automatically turns OFF and starts charging when placed in the charger. The hearing aid LED light turns **ORANGE**.

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 placed in the charging port. For more information, see your charger's instructions for use.

Using the push-button - miniRITE 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

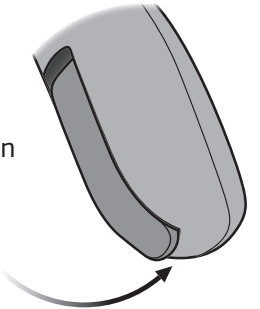
Press and hold the lower part of the push-button for approximately three seconds until the hearing aid LED light turns **ORANGE**. The hearing aid plays four descending tones. Release the push-button and the hearing aid is turned OFF.

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

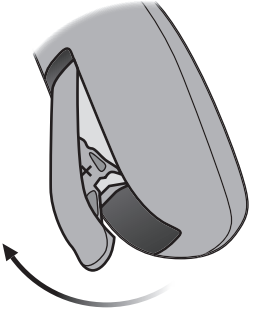
Using the battery drawer - miniRITE T only
The battery drawer is used to turn the hearing aids ON and OFF.

When the hearing aid is not in use, open the battery drawer to allow any moisture to evaporate and to extend battery life.

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.

□ miniRITE 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.

□ miniRITE 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. Ensure you always have new batteries on hand. Replace the batteries when needed.

Three alternate beeps
= The battery is running low.

Four descending tones
= The battery has run out.

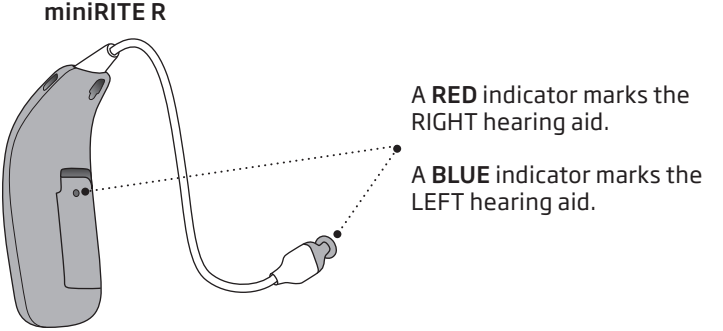
LED light
Continuous **ORANGE** blinks indicate low battery.

Identify left and right hearing aid

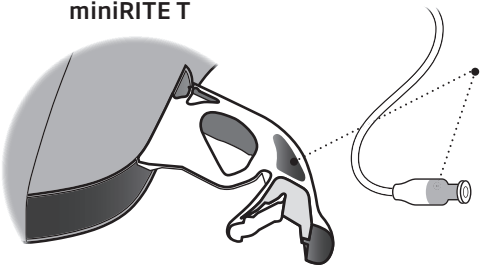
It is important to distinguish between the left and the right hearing aid, as they may be programmed differently.

You can find left/right color 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 customized earpieces.

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



miniRITE T



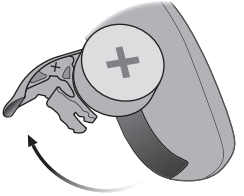
A **RED** indicator marks the RIGHT hearing aid.

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

How to replace the disposable battery – size 312

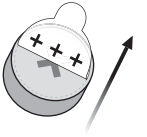
(miniRITE T only)

1. Remove



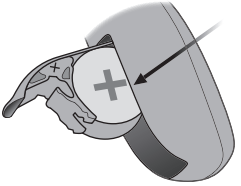
Fully open the battery drawer and remove the battery.

2. Uncover



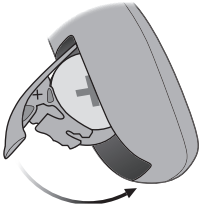
Remove the sticky label from the + side of the new battery.

3. Insert



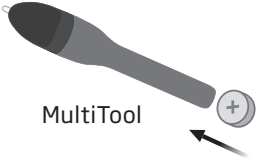
Insert the new battery into the battery drawer with the + side facing upwards.

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

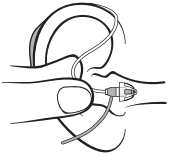
Step 1

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.

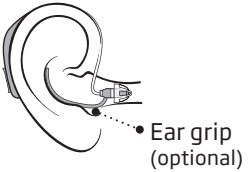
Step 2



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

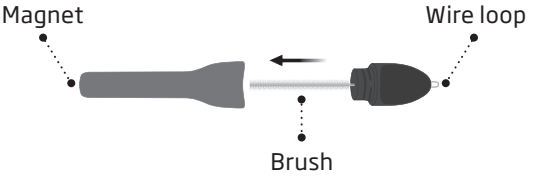


Gently push the earpiece into your ear canal until the speaker wire sits close to your head.

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

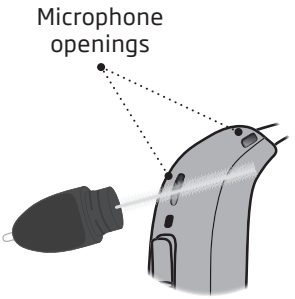
The MultiTool has a built-in magnet. Keep the MultiTool at least 30 centimeters (1 foot) away from credit cards and other magnetically-sensitive devices.

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.



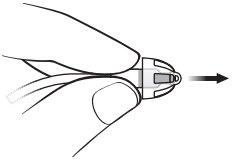
IMPORTANT NOTICE

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

Replace standard earpieces

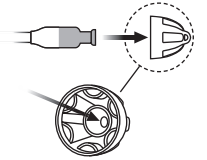
It is important that you do not clean the standard earpiece (dome and Grip Tip). If the earpiece is filled with earwax, replace it with a new one. Grip Tip needs to be replaced at least once a month.

Step 1



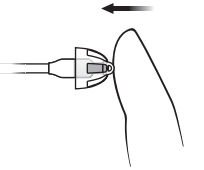
Hold on to the speaker and pull off the earpiece.

Step 2



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

Step 3



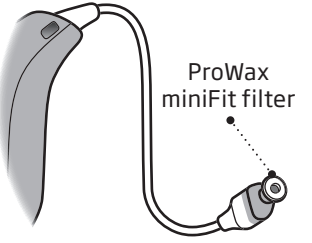
Push firmly to ensure that the earpiece is securely fastened.

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.



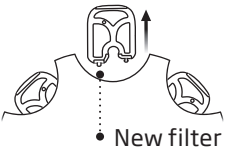
Ensure you replace the filter when clogged, or if the hearing aid does not sound normal. Alternatively, contact your hearing care professional. Ensure you remove the earpiece from the speaker before replacing the wax filter. To do this, see the **Replace standard earpieces** section.

IMPORTANT NOTICE

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

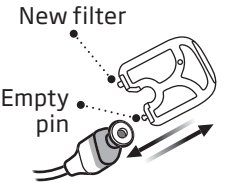
Replace ProWax miniFit filter

1. Tool



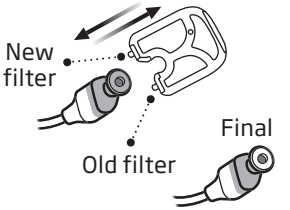
Remove the tool from the shell. The tool has two pins, one empty for removal and one with the new wax filter.

2. Remove



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 mold or LiteTip, your hearing care professional must replace the wax filter in the speaker.

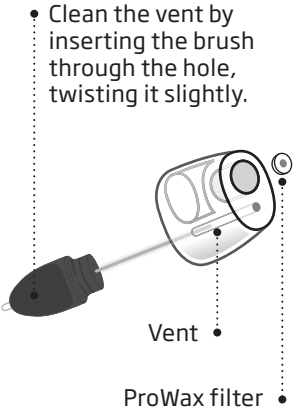
Clean customized earpieces

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.

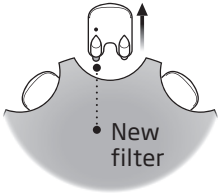
Alternatively, contact your hearing care professional.



Note
If you use a mold or LiteTip, your hearing care professional must replace the wax filter in the speaker.
* Not all molds have a wax filter. Filter composition can vary by mold. For more information contact your hearing care professional.

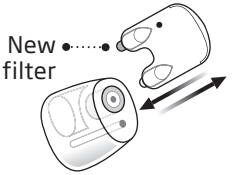
Replace ProWax filter

1. Tool



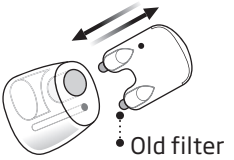
Remove the tool from the shell. The tool has two pins, one empty for removal and one with the new wax filter.

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

(miniRITE 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.

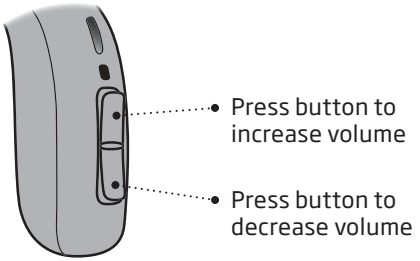
Note

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.

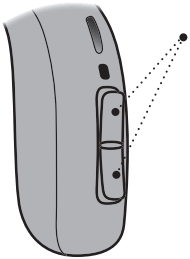


Change program

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.

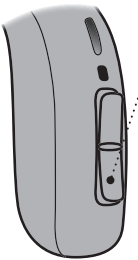
If the lower part of the push-button is pressed, the program cycle goes backward, for example 2 to 1 or program 1 to 4.

Turn Bluetooth ON/OFF

Bluetooth connectivity can be turned ON/OFF on your hearing aids. When Bluetooth is turned OFF the hearing aids are still turned ON and functioning. Be aware that pressing the push-button on one hearing aid, turns OFF bluetooth for both hearing aids. For information about sounds and lights, see the **Sound and LED light indicators** section.

Your hearing aids use Bluetooth wireless technology. They can be used on an aircraft as hearing aids are exempt from the rules applied to portable electronic devices on an aircraft.

miniRITE R



- **To activate and deactivate**

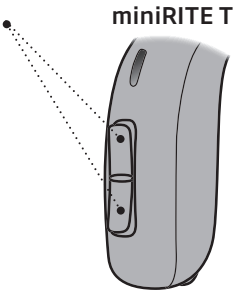
  Press and hold the lower part of the push-button for seven seconds.

  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 Bluetooth.



Mute your hearing aids

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

- Oticon Companion
- ConnectClip
- Remote Control 3.0

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.

miniRITE 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 aids with digital devices

iPhone®, iPad® and Mac®
Your hearing aids are Made for iPhone hearing aids and allow for direct streaming from your iPhone, iPad or Mac.*

Android devices
Your hearing aids support Audio Streaming for Hearing Aids (ASHA) and allow for direct streaming from selected Android™ devices.*

Oticon Companion can be used to control your hearing aids from your mobile device.*

Additionally, your hearing aids offer hands free communication with compatible iOS.*

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

*For a list of compatible iPhone, iPad and Android devices, visit: www.oticon.com/support/compatibility

For a list of compatible Mac devices, visit: www.oticon.com/support

Pairing and compatibility

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

www.oticon.com/support

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

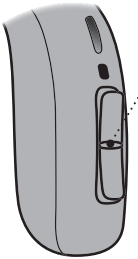
www.oticon.com/support/compatibility

For instructions on pairing your hearing aids to Mac and a list of compatible devices, visit:

www.oticon.com/support

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 mobile device*.



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 mobile devices, visit: www.oticon.com/support/compatibility

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.

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

Phone Adapter 2.0
A device that when used together with hearing aids and ConnectClip, lets you communicate hands-free via a landline phone.

TV Adapter 3.0
A device that streams sound from a TV or electronic audio device, to your hearing aids.

Remote Control 3.0
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.

Oticon Companion
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 the 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 theaters, places of worship, or lecture rooms. This symbol is shown wherever a teleloop has been installed.

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 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

Your hearing care professional will 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 have 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.

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.

Sound options and volume adjustments

Tinnitus SoundSupport is programmed by your hearing care professional to match your hearing loss and preferences for tinnitus relief.

Tinnitus SoundSupport programs
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

Your hearing care professional can set the volume control for a hearing aid program for which Tinnitus SoundSupport is activated.

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.

⚠ Warnings related to tinnitus

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 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 hearing impairment resulting from natural processes such as aging or sickness.

Hearing aids are only a part of hearing habilitation and may need to be supplemented by auditory training and instruction in lipreading.

To achieve the full benefit from your hearing aids, you should use them frequently.

(miniRITE 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 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.

Continues on next page

⚠ General warnings

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 aids, as incorrect usage could cause permanent damage to their hearing.

Choking hazards of swallowing small parts
Keep all small parts (for example, hearing aids, earpieces, batteries, etc.) out of reach and sight of children and others who might swallow these items.

If a battery, hearing aid or small part is swallowed, see a doctor immediately and contact the National Poison Center at 1-800-222-1222 or National Battery Ingestion Hotline at 1-800-498-8666.

(miniRITE T only)

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

Use of replaceable batteries
(miniRITE T only)

Only use batteries recommended by your hearing care professional. Batteries of low quality may leak and cause bodily harm.

Never attempt to recharge your replaceable batteries.

Never dispose of batteries by burning them. There is a risk that the batteries will explode. Follow local guidelines for proper and safe disposal of batteries

Keep away from environments with risk of explosions
(miniRITE R only)

Your hearing aids are safe to use under normal usage conditions. The hearing aid has not been tested for compliance with international standards concerning explosive environments.

Do not use the hearing aid in environments with danger of explosions such as mines, oil fields, oxygen rich environments or areas where flammable anesthetics are handled.

Fatality hazards of swallowing batteries
(miniRITE R only)

Never swallow batteries. Doing so can lead to serious injury or death within hours. Swallowed batteries can cause burns that may perforate inner organs. Keep the batteries out of reach and sight of children and others who might swallow them. Batteries have occasionally been mistaken for pills. Therefore, check your medicine carefully before swallowing any pills. Seek emergency medical treatment immediately if a battery is swallowed.

Continues on next page

⚠ General warnings

Never attempt to replace rechargeable batteries
(miniRITE R only)

Do not attempt to open your hearing aids as it may damage the battery. Never attempt to replace the battery. If battery replacement is needed, return your device to the supplier. The warranty is void if there are signs of tampering.

Beware of battery leakage
(miniRITE R only)

Do not attempt to open your hearing aids as it may damage the battery. Never attempt to replace the battery. If battery replacement is needed, return your device to the supplier. The warranty is void if there are signs of tampering.

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 62368-1or equivalent safety standards.

Beware of sudden dysfunction
Your hearing aids may stop working without notice. For example, if they run out of battery or if the tubing is blocked. Keep this in mind especially in situations where you depend on warning sounds (for example when in traffic).

Use with active medical implants
Your hearing aids have been thoroughly tested and developed 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 implanted device for information about the use with a hearing aid.

Accessories with built-in magnets (for example the Autophone magnet and the MultiTool) should be kept at least 30 centimeters (12 inches) away from any implanted medical device. Follow the guidelines from the manufacturer of your implanted medical device regarding their use with magnets.

Use with 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 centimeter (0.4 inches) away from your hearing aid. The magnetic field from the CI may permanently damage the speaker unit in your hearing aid. Never place the devices close together on a table (for example, when cleaning or changing batteries). Do not carry the CI and the hearing aid together in the same box.

Continues on next page

⚠ General warnings

Detached earpiece in ear canal
Ensure that the earpiece is still connected to the speaker when removing the hearing aid from your ear. If the earpiece is not on the speaker, the earpiece may still be in the ear canal. Consult your hearing care professional.

Remove hearing aids before certain medical procedures
Remove your hearing aids before medical procedures such as X-ray examinations, CT/MR/PET scans, electrotherapy, surgery, etc. Your hearing aids may be damaged if exposed to strong magnetic or electromagnetic fields.

Keep away from chemicals
Remove your hearing aids before applying products that contain certain chemicals that can damage your hearing aids. For example, cosmetics, hairspray, perfume, aftershave lotion, suntan lotion and insect repellent. Allow the products time to dry before putting on your hearing aids.

Keep away from extreme heat
Never expose your hearing aids to extreme heat. For example, do not leave your hearing aids inside a parked car in the sun.

Never use an external heating device to dry your hearing aids. For example, do not dry your hearing aids using a hair dryer or in an oven such as a microwave.

Potential side effects
You may produce more earwax when using hearing aids. In rare cases, the nonallergenic materials in the product may cause skin irritation or other side effects. If you experience any such side effects, consult your doctor.

Use of third-party accessories
Only use accessories, cables or transducers (for example, microphones) supplied by the manufacturer. Non original accessories may result in reduced electromagnetic compatibility (EMC) of your hearing aids.

Do not modify hearing aids
Do not make any modifications to your hearing aids not expressly approved by the manufacturer. This will void the warranty.

Use in fields with electromagnetic interference
Your hearing aids have been thoroughly tested for interference according to the most stringent international standards, including EN/IEC 60601-1-2 and its amendments. Electromagnetic interference may occur in the vicinity of equipment that can affect the performance of your hearing aids such as mobile phones, Wi-Fi routers or other equipment with the displayed symbol. If your hearing aids are affected by interference, move away from the source.

Risk of placing batteries in ear or nose
Never place batteries in the ear or the nose. This can lead to permanent damage due to burns. Contact a doctor immediately if a battery is placed in the ear or nose.

Troubleshooting

miniRITE R / miniRITE T

Symptom	Possible causes
No sound	Hearing aid is out of power
	Dead battery
	Clogged earpieces (dome, Grip Tip, or mold)
	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 (**miniRITE R only**) / Replace the battery (**miniRITE T only**)
Contact your hearing care professional (**miniRITE R only**) / Replace the battery (**miniRITE T only**)
Clean mold Replace wax filter, dome, or Grip Tip
Unmute the hearing aid microphone
Clean mold 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.oticon.com/support)

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

Continues on next page

Troubleshooting

miniRITE 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. Therefore, you do not have to worry about humidity or getting wet in the rain.

miniRITE T only
Should your hearing aid come into contact with water and stop working, please follow these guidelines:

1. Gently wipe off any water.
2. Open the battery drawer, remove the battery, and gently wipe off any water in the battery drawer.
3. Let the hearing aid dry with the battery drawer left open for approximately 30 minutes.
4. Insert a new battery.

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

(miniRITE 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

(miniRITE 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 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 –15 dBμA/m at a distance of 10 meters (–4.6 dBμA/ft at a distance of 33 feet)).

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 low power and always below 3 dBm in radiated power.

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

The hearing aid complies with international standards concerning radio transmitters, electromagnetic compatibility, and human exposure.

The hearing instrument is designed to operate in public and residential environments. It has passed the following applicable emissions and immunity tests:

Radiated emissions requirements for a CISPR 11 Group 1 Class B device as stated in table 2 of IEC 60601-1-2.

Radiated emission for communication devices operating in the ISM 2.4 GHz band as stated in 47 CFR Part 15, subpart C, RSS-247 and EN 300 328 (only for products with Bluetooth).

Radiated emission for near field magnetic induction communication operating at 3.84 MHz as stated in 47 CFR Part 15, subpart C, RSS-210 and EN 300 330.

RF radiated immunity at a field level of 10 V/m between 80 MHz and 2.7 GHz as stated in table 4 of IEC 60601-1-2 and, 3 V/m between 2.7 and 6.0 GHz as stated in CISPR 32.

RF radiated immunity at a field level of up to 28 V/m for selected RF wireless communication bands between 380 MHz and 5.8 GHz as stated in table 9 of IEC 60601-1-2.

RF radiated immunity at a field level of up to 65 A/m for selected proximity magnetic fields at 30 kHz, 134.2 kHz and 13.56 MHz as stated in table 11 of IEC 60601-1-2 AM1.

RF radiated immunity field levels at selected bands stated in IEC 60118-13 between 25 V/m and 60 V/m and, for proximity-fields from communication devices held to the ear, stated in ANSI C63.19.

Immunity to power frequency magnetic fields at a field level of 30 A/m as stated in table 4 of IEC 60601-1-2 (only for products with telecoil).

Immunity to ESD levels of +/- 2, 4 and 8 kV conducted discharge and +/- 2, 4, 8 and 15 kV air discharge as stated in table 4 of IEC 60601-1-2.

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 Technical data document on www.oticon.com

miniRITE R only
This device contains a radio module with the following certification ID numbers: FCC ID: 2ACAHAU5MRTRC

miniRITE T only
This device contains a radio module with the following certification ID numbers: FCC ID: 2ACAHAU5MNRT

Radiofrequency radiation exposure information
This device complies with FCC RF exposure limits set forth for an uncontrolled environment and has been tested for portable use.

The device must not be co-loacated or used in conjunction with any other antenna or transmitter.

Use of other accessories not verified by the manufacturer may not ensure compliance with FCC RF exposure guidelines.

Note: This device has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the manufacturer or an experienced radio/TV technician for help.

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

Cell phone

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

The ANSI C63.19 standard determines the prediction of compatibility between a specific hearing aid and a cell phone, thus hearing aid compliance is tested according to this standard. However, demonstrating compliance according to this standard cannot guarantee that all users will be satisfied.

Whereas all hearing aids have acoustic coupling, only the larger hearing aids have the physical space for telecoil (inductive) coupling.

The hearing aid is compliant with ANSI C63.19 in both microphone and telecoil mode.

IMPORTANT NOTICE

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

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.

Oticon A/S
Kongebakken 9
DK-2765 Smørum
Denmark
www.oticon.global/doc

Should your hearing aid require service or replacement, contact your hearing care professional for assistance. Many repair needs can be handled on-site at your local hearing care professional's office, and they will arrange for service with the manufacturer if required. You can also contact us at:
580 Howard Ave., Somerset, NJ 08873.

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

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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.

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The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Demant is under license. Other trademarks and trade names are those of their respective owners.

Description of symbols accompanying the product	
	**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 license.

Description of symbols accompanying the product	
Made for iPhone | iPad | iPod	**Made for Apple badges** Indicates that the device is compatible with iPhone and iPad.
Mac	**Mac badge** Indicates that the device is compatible with Mac.
android	**Android badge** Indicates that the device is compatible with Android.
	**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.
	**Keep dry** Indicates a medical device that needs to be protected from moisture.
REF	**Catalog number** Indicates the manufacturer's catalog number so that the medical device can be identified.

Description of symbols accompanying the product	
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 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 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), briefly 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 adjust the volume in one hearing aid, the volume on the other hearing aid follows.
To **increase** volume, briefly press on the upper part of the push-button repeatedly.
To **decrease** volume, briefly 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.

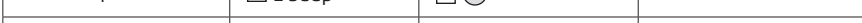
Your hearing care professional can set sound and LED light indicators to match your preferences.

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

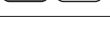
◯ Short GREEN blink

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

ON/OFF	Sound	LED light	LED light comments
ON	☐ Jingle	☐	Shown once
OFF **(miniRITE 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	☐ Descending jingle	☐ 	Continuous or repeated three times

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

Continues on next page

Accessories	☐ Sound	☐ LED light	LED light comments
TV Adapter 3.0	2 different tones		Continuous or repeated three times
ConnectClip	2 different tones		
Bluetooth	**☐ Sound**	**☐ LED light**	
Bluetooth OFF **(miniRITE R only)**	4 descending tones + short jingle		
Bluetooth ON **(miniRITE R only)**	4 descending tones + short jingle		Shown once
Bluetooth OFF **(miniRITE T only)**	Short jingle		Continuous or repeated three times
Bluetooth ON **(miniRITE T only)**	Short jingle		Shown once

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 **(miniRITE R only)**		Turned OFF	See the **Trouble-shooting** section

Continues on next page

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

Summary of relevant studies

Clinical evaluations conducted by or for the manufacturer provide evidence to support the intended use and clinical benefits outlined in the IFU and demonstrate regulatory conformity. Clinical data is collected, assessed, and analyzed to support the performance of the hearing aids by validating that they provide sufficient audibility and hearing loss compensation based on best-practice prescriptive fitting rationales. The clinical data also demonstrate improved speech understanding and success with hearing aids using validated questionnaires and surveys.

Non-clinical data supporting the overall performance of the hearing aids includes software verification, electroacoustic verification, electrical and mechanical safety evaluation, electromagnetic compatibility (EMC) evaluation, and documentation of radio properties and performance. Additional information can be found in section Technical Information.

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Lithium-ion

0 dB SPL ref. 20 µPa		**Oticon Jet PX 1, 2**
OSPL90	Peak	**106 dB SPL**
	HF Average	**103 dB SPL**
Full-on Gain	Peak	**36 dB**
	HF Average	**30 dB**
Reference Test Gain		**26 dB**
Frequency Range		**100-7500 Hz**
Telecoil output	HF Average SPLITS (left/right ear)	**83/83 dB SPL**
Total Harmonic Distortion	500 Hz	**<2 %**
	800 Hz	**<2 %**
	1600 Hz	**<2 %**
Equivalent Input Noise Level	(omni/dir)	**17/29 dB SPL**
Attack Time		**5 ms**
Release Time		**21 ms**

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Expected operating time*	Hours	**24 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**55 dB SPL**
	Measured output at 10 mA/m	**75 dB SPL**
	Measured output at 31.6 mA/m	**85 dB SPL**

*Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Technical Data

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Lithium-ion

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
OSPL90	Peak	117 dB SPL
	HF Average	114 dB SPL
Full-on Gain	Peak	55 dB
	HF Average	48 dB
Reference Test Gain		37 dB
Frequency Range		100-7500 Hz
Telecoil output	HF Average SPLITS (left/right ear)	94/94 dB SPL
Total Harmonic Distortion	500 Hz	<2 %
	800 Hz	<2 %
	1600 Hz	<2 %
Equivalent Input Noise Level	(omni/dir)	18/27 dB SPL
Attack Time		5 ms
Release Time		18 ms

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Expected operating time*	Hours	**24 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**74 dB SPL**
	Measured output at 10 mA/m	**94 dB SPL**
	Measured output at 31.6 mA/m	**104 dB SPL**

*Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Technical Data

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Lithium-ion

0 dB SPL ref. 20 µPa		**Oticon Jet PX 1, 2**
OSPL90	Peak	**124 dB SPL**
	HF Average	**120 dB SPL**
Full-on Gain	Peak	**57 dB**
	HF Average	**53 dB**
Reference Test Gain		**42 dB**
Frequency Range		**100-7500 Hz**
Telecoil output	HF Average SPLITS (left/right ear)	**100/100 dB SPL**
Total Harmonic Distortion	500 Hz	**<2 %**
	800 Hz	**<2 %**
	1600 Hz	**<2 %**
Equivalent Input Noise Level	(omni/dir)	**17/29 dB SPL**
Attack Time		**3 ms**
Release Time		**8 ms**

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Expected operating time*	Hours	**24 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**83 dB SPL**
	Measured output at 10 mA/m	**103 dB SPL**
	Measured output at 31.6 mA/m	**113 dB SPL**

*Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Technical Data

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Lithium-ion

0 dB SPL ref. 20 µPa		**Oticon Jet PX 1, 2**
OSPL90	Peak	**127 dB SPL**
	HF Average	**123 dB SPL**
Full-on Gain	Peak	**64 dB**
	HF Average	**58 dB**
Reference Test Gain		**47 dB**
Frequency Range		**100-7500 Hz**
Telecoil output	HF Average SPLITS (left/right ear)	**104/104 dB SPL**
Total Harmonic Distortion	500 Hz	**<2 %**
	800 Hz	**<2 %**
	1600 Hz	**<2 %**
Equivalent Input Noise Level	(omni/dir)	**16/28 dB SPL**
Attack Time		**4 ms**
Release Time		**15 ms**

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Expected operating time*	Hours	**24 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**86 dB SPL**
	Measured output at 10 mA/m	**106 dB SPL**
	Measured output at 31.6 mA/m	**116 dB SPL**

*Expected operating time for rechargeable battery depends on use pattern, active feature set, hearing loss, sound environment, battery age and use of wireless accessories.

Technical Data

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Zinc-Air

0 dB SPL ref. 20 µPa		**Oticon Jet PX 1, 2**
OSPL90	Peak	**105 dB SPL**
	HF Average	**103 dB SPL**
Full-on Gain	Peak	**36 dB**
	HF Average	**30 dB**
Reference Test Gain		**26 dB**
Frequency Range		**100-7500 Hz**
Telecoil output	HF Average SPLITS (left/right ear)	**85/85 dB SPL**
Total Harmonic Distortion	500 Hz	**<2 %**
	800 Hz	**<2 %**
	1600 Hz	**<2 %**
Equivalent Input Noise Level	(omni/dir)	**16/27 dB SPL**
Attack Time		**5 ms**
Release Time		**30 ms**

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Battery Consumption*	Typical	**2.2 mA**
	Quiescent	**2.2 mA**
Expected Battery Life (battery size 312 - IEC PR41)**	Hours	**55-60 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**55 dB SPL**
	Measured output at 10 mA/m	**75 dB SPL**
	Measured output at 31.6 mA/m	**86 dB SPL**

*Battery current is measured according to IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

**Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Technical Data

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Zinc-Air

0 dB SPL ref. 20 µPa		**Oticon Jet PX 1, 2**
OSPL90	Peak	**117 dB SPL**
	HF Average	**114 dB SPL**
Full-on Gain	Peak	**55 dB**
	HF Average	**48 dB**
Reference Test Gain		**37 dB**
Frequency Range		**100-7500 Hz**
Telecoil output	HF Average SPLITS (left/right ear)	**96/96 dB SPL**
Total Harmonic Distortion	500 Hz	**<2 %**
	800 Hz	**<2 %**
	1600 Hz	**<2 %**
Equivalent Input Noise Level	(omni/dir)	**17/27 dB SPL**
Attack Time		**5 ms**
Release Time		**33 ms**

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Battery Consumption*	Typical	**2.4 mA**
	Quiescent	**2.2 mA**
Expected Battery Life (battery size 312 - IEC PR41)**	Hours	**50-60 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**74 dB SPL**
	Measured output at 10 mA/m	**94 dB SPL**
	Measured output at 31.6 mA/m	**104 dB SPL**

*Battery current is measured according to IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

**Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Technical Data

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Zinc-Air

0 dB SPL ref. 20 µPa		**Oticon Jet PX 1, 2**
OSPL90	Peak	**123 dB SPL**
	HF Average	**119 dB SPL**
Full-on Gain	Peak	**57 dB**
	HF Average	**53 dB**
Reference Test Gain		**42 dB**
Frequency Range		**100-7500 Hz**
Telecoil output	HF Average SPLITS (left/right ear)	**101/101 dB SPL**
Total Harmonic Distortion	500 Hz	**<2 %**
	800 Hz	**<2 %**
	1600 Hz	**<2 %**
Equivalent Input Noise Level	(omni/dir)	**16/28 dB SPL**
Attack Time		**5 ms**
Release Time		**18 ms**

0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Battery Consumption*	Typical	**2.3 mA**
	Quiescent	**2.2 mA**
Expected Battery Life (battery size 312 - IEC PR41)**	Hours	**50-60 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**83 dB SPL**
	Measured output at 10 mA/m	**103 dB SPL**
	Measured output at 31.6 mA/m	**113 dB SPL**

*Battery current is measured according to IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

**Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

Technical Data

Measured according to American National Standard ANSI S3.22-2014, IEC 60118-0:2015 and IEC 60318-5:2006
Supply voltage: Zinc-Air

0 dB SPL ref. 20 µPa		**Oticon Jet PX 1, 2**
OSPL90	Peak	**127 dB SPL**
	HF Average	**123 dB SPL**
Full-on Gain	Peak	**64 dB**
	HF Average	**58 dB**
Reference Test Gain		**47 dB**
Frequency Range		**100-7500 Hz**
Telecoil output	HF Average SPLITS (left/right ear)	**106/106 dB SPL**
Total Harmonic Distortion	500 Hz	**<2 %**
	800 Hz	**<2 %**
	1600 Hz	**<2 %**
Equivalent Input Noise Level	(omni/dir)	**16/27 dB SPL**
Attack Time		**5 ms**
Release Time		**24 ms**

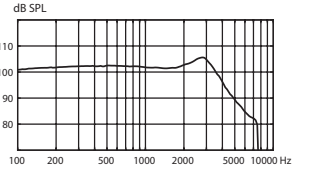
0 dB SPL ref. 20 µPa		Oticon Jet PX 1, 2
Battery Consumption*	Typical	**2.4 mA**
	Quiescent	**2.2 mA**
Expected Battery Life (battery size 312 - IEC PR41)**	Hours	**50-60 hrs**
Latency		**8.2 ms**
Maximum Induction Coil Sensitivity	Measured output at 1 mA/m	**86 dB SPL**
	Measured output at 10 mA/m	**106 dB SPL**
	Measured output at 31.6 mA/m	**116 dB SPL**

*Battery current is measured according to IEC 60118-0:2015 §7.7 and ANSI S3.22:2014 §6.13 after a settling time of minimum 3 minutes.

**Real usage battery life is shown as an estimated interval based on mixed use cases with variable amplification settings and variable input levels, incl. direct stereo streaming from a TV (25% of the time) and streaming from a mobile phone (6% of the time).

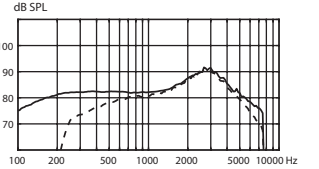
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

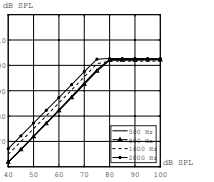


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input

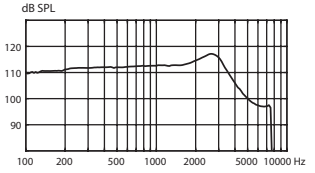


Input-Output
Technical Setting: N0



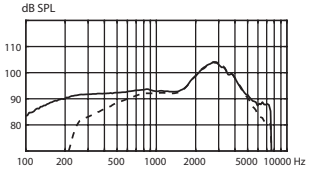
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

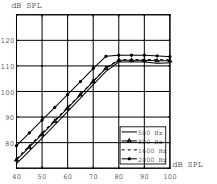


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input

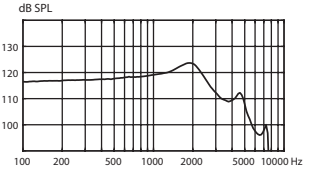


Input-Output
Technical Setting: N0



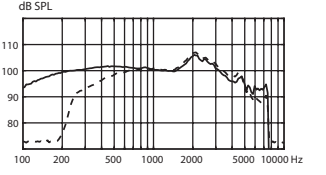
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

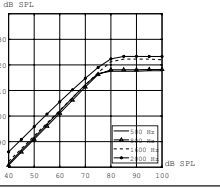


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input

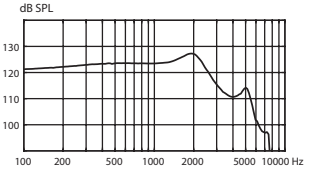


Input-Output
Technical Setting: N0



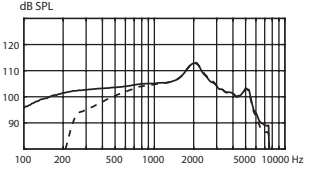
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

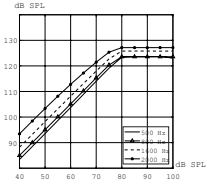


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input

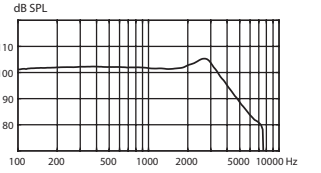


Input-Output
Technical Setting: N0



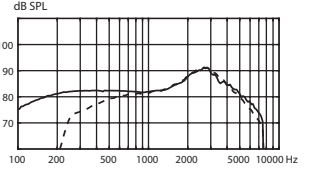
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

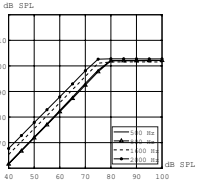


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input

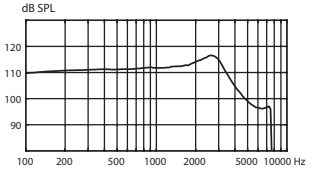


Input-Output
Technical Setting: N0



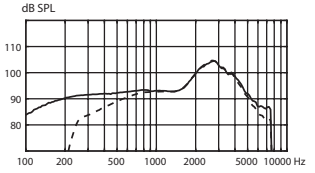
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

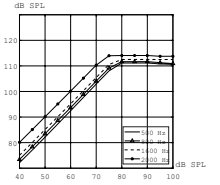


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input

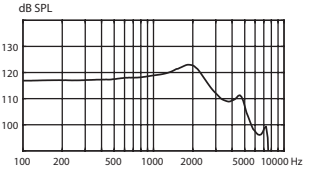


Input-Output
Technical Setting: N0



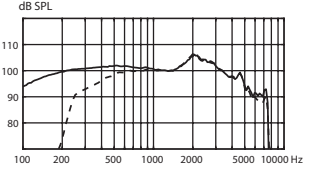
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

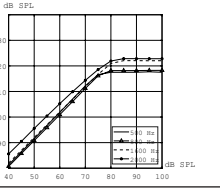


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input

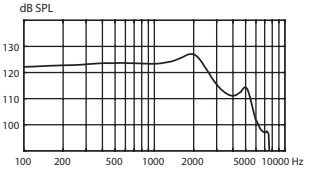


Input-Output
Technical Setting: N0



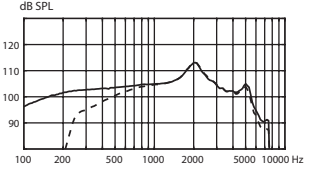
Oticon Jet PX 1, 2

OSPL90 - Output Sound Pressure Level
Input: 90 dB SPL.
Technical setting: A0

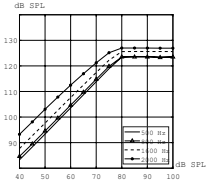


Frequency Response
Input:
60 dB SPL (Acoustic)
31.6 mA/m (Magnetic)
Technical setting: N0

——— Acoustic input
– – – – Magnetic input



Input-Output
Technical Setting: N0



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