Instructions for use

IIC-CIC-ITC
ITE HS-ITE FS

Oticon Opn
Oticon Siya

Made for
iPhone | iPad | iPod

oticon
PEOPLE FIRST

Model overview

This booklet is valid for the Oticon Opn™ and Oticon Siya families in the following hearing aid models, battery sizes and styles:

Oticon Opn FW6:

☐ Oticon Opn 1 GTIN: (01) 05707131340795
☐ Oticon Opn 2 GTIN: (01) 05707131340801
☐ Oticon Opn 3 GTIN: (01) 05707131340818

Oticon Opn FW1:

☐ Oticon Siya 1 GTIN: (01) 05707131340887
☐ Oticon Siya 2 GTIN: (01) 05707131340894

Battery size:
☐ 10 ☐ 312 ☐ 13

Bluetooth®: ☐ Yes ☐ No

Styles:

☐ IIC Invisible-In-the-Canal
☐ CIC Completely-In-the-Canal
☐ ITC In-the-Canal
☐ ITE HS In-the-Ear Half Shell
☐ ITE FS In-the-Ear Full Shell

Introduction to this booklet

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

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

For your convenience this booklet contains a navigation bar to help you navigate easily through the different sections.

Intended use

The hearing aid is intended to amplify and transmit sound to the ear and thereby compensate for impaired hearing within mild to severe hearing loss. This hearing aid is intended for use by adults and children older than 36 months.

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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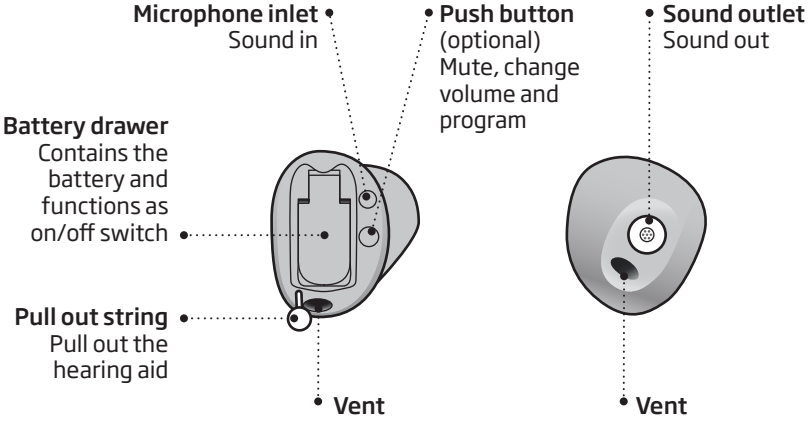
Identify your hearing aid

For your in-the-ear hearing aid, there are several different styles available with different battery sizes. Please see the model overview for your style and battery size. This will make it easier for you to navigate through this booklet.

Size 10 battery (CIC shown)

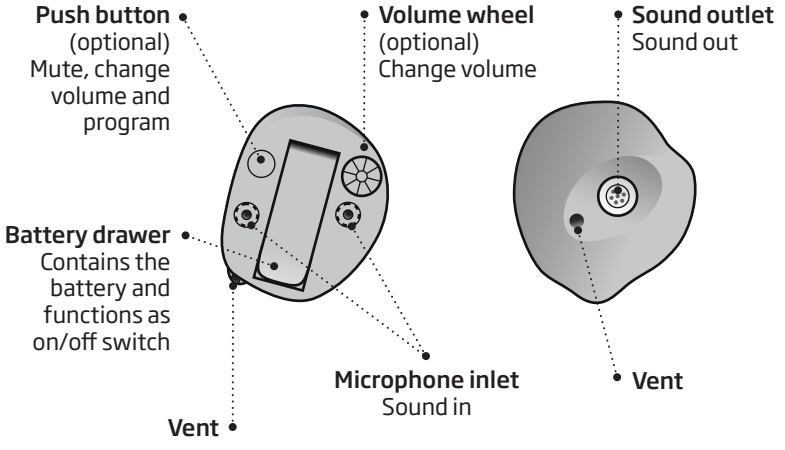
What it is and does



Components may be positioned differently on your hearing aid.

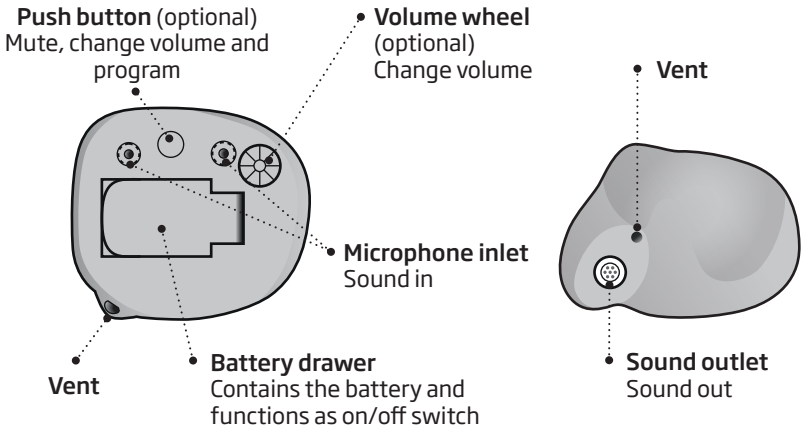
Size 312 battery (ITC shown)

What it is and does



Size 13 battery (ITE HS shown)

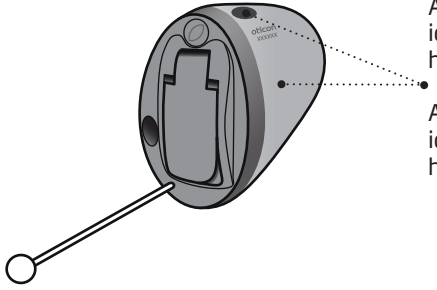
What it is and does



Components may be positioned differently on your hearing aid.

Identify left and right hearing aid

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



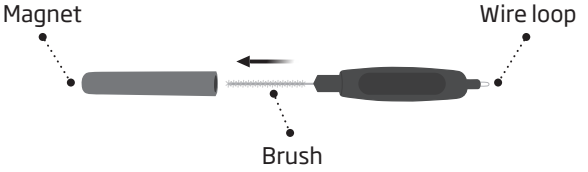
A **BLUE** shell, dot or text identifies the LEFT hearing aid

A **RED** shell, dot or text identifies the RIGHT hearing aid*

* Shell color and dot is only available for IIC

MultiTool for handling batteries and cleaning

The MultiTool contains a magnet that makes it easier to replace the battery in the hearing aid. It also contains a brush and a wire loop for cleaning and removing earwax. If the vent is very small, a special tool may be required. If you need a new tool please contact your hearing care professional.



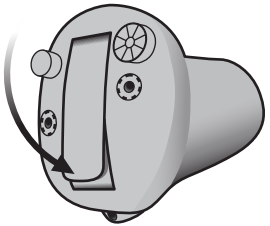
IMPORTANT NOTICE

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

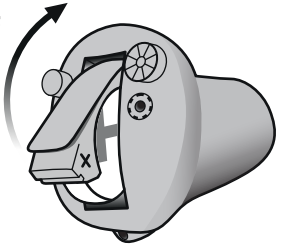
Turn the hearing aid on and off

The battery drawer is also used to switch the hearing aid on and off. To save battery life, make sure your hearing aid is switched off when you are not wearing it. If you wish to return to the standard settings of the hearing aid, simply open and then close the battery drawer (quick reset).

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



Turn OFF
Open the battery drawer.



Note: Open the battery door fully to make sure the hearing aid does not drain the battery, and to allow air to circulate whenever you are not using your hearing instrument, especially at night or for longer periods of time!

Replace the battery

When it is time to replace the battery, you will hear three beeps repeated at moderate intervals until the battery runs out.

Three beeps*
= The battery is running low

Four beeps
= The battery has run out

Battery tip

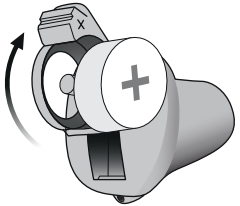
To make sure the hearing aid is always working, bring spare batteries with you, or replace the battery before you leave home.

* If your hearing aid has Bluetooth® this will be turned off and it will not be possible to use wireless accessories.

Note: Batteries need to be replaced more often if you are streaming audio or music to your hearing aids.

How to replace the battery

1. Remove



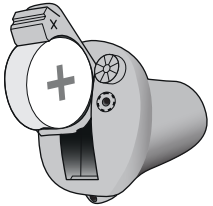
Fully open the battery drawer. Remove the battery.

2. Uncover

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

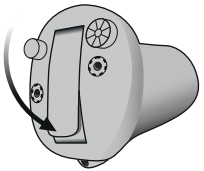
Tip:
Wait 2 minutes so that the battery can draw air, to ensure optimal functioning.

3. Insert



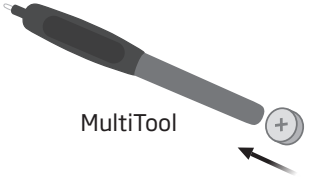
Insert the new battery into the battery drawer. Make sure the + side is facing up.

4. Close



Close the battery drawer. The hearing aid will play a jingle. Hold the hearing aid close to your ear to hear the jingle.

Tip



The MultiTool can be used for battery change. Use the magnetic end to remove and insert batteries.

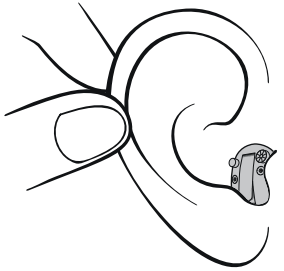
The MultiTool is provided by your hearing care professional.

Insert the hearing aid

Step 1

Place the tip of the hearing aid in your ear canal.

Step 2



Gently pull your ear outwards and push the hearing aid into the ear canal, twisting slightly if necessary. Follow the natural contour of the ear canal. Push the hearing aid to make sure it fits comfortably in the ear.

Remove your hearing aid

Hold the hearing aid by the pull-out string (if available). Gently pull the hearing aid from the ear canal.

If your hearing aid doesn't have a pull-out string, you can remove it by pulling on the edge of the hearing aid.

IMPORTANT NOTICE

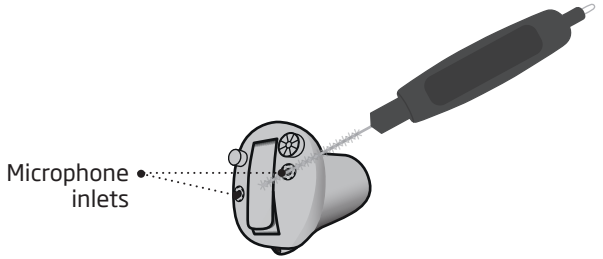
DO NOT use the battery door as a handle to insert or remove your hearing aid. It is not designed for this purpose.

Caring for your hearing aid

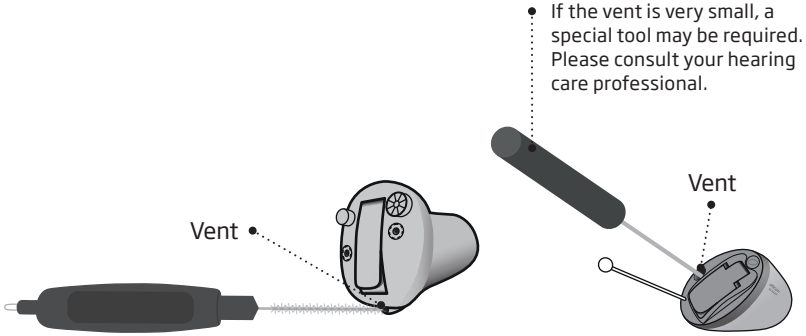
When handling your hearing aid, hold it over a soft surface to avoid damage if you drop it.

Cleaning the hearing aid

Carefully brush away debris from the microphone inlets with a clean brush. Gently brush the surface. Make sure that the filters do not fall off.



Clean the vent by pressing the brush through the hole while twisting it slightly.



IMPORTANT NOTICE

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

Filter replacement

The filters keep wax and debris from damaging the hearing aid.
If the filters becomes clogged, please replace the filters or contact your hearing care professional.

- Prowax miniFit filter protects the sound outlet.
- O-cap and T-cap protect the microphone inlet.

Please refer to the following pages for instructions on how to replace the appropriate filters.

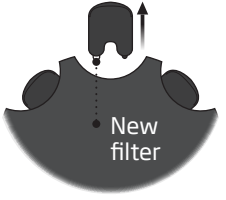
IMPORTANT NOTICE

Always use the same type of wax filter as was originally supplied with the hearing aid.

If you are in any doubt about the use or replacement of wax filters, contact your hearing care professional.

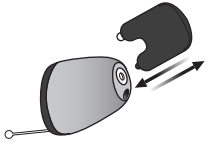
☐ Replace ProWax miniFit filter

1. Tool



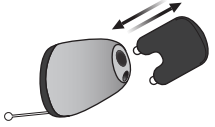
Remove the tool from the shell. The tool has two pins, one empty for removal and one with the new ProWax miniFit-filter.

2. Remove



Push the empty pin into the ProWax miniFit filter in the hearing aid and pull it out.

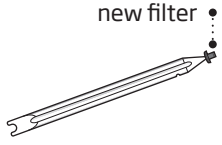
3. Insert



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

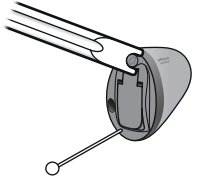
☐ Replace T-Cap filter
(hearing aids with 10 batteries)

1. Tool



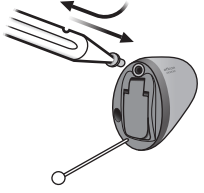
Remove the tool from the packaging. The tool has two ends, one for removal and one with the new T-Cap filter.

2. Remove



Push the tool fork under the top edge of the used T-Cap filter and lift it out.

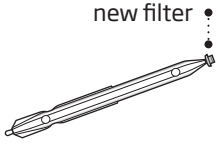
3. Insert



Insert the new T-Cap filter and remove the tool by twisting it slightly. Throw the tool out after use.

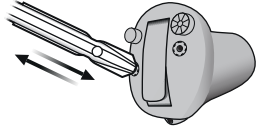
☐ Replace O-Cap filter
(hearing aids with 312 and 13 batteries)

1. Tool



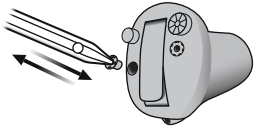
Remove the tool from the packaging. The tool has two ends, one for removal and one with the new O-Cap filter.

2. Remove



Push the pointed end of the tool into the existing O-Cap filter and pull it out.

3. Insert



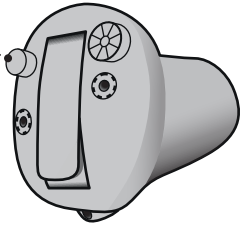
Insert the new O-Cap filter using the other end of the tool, remove the tool and throw it out.

☐ Flight mode
(hearing aids with Bluetooth and push-button)

When boarding an airplane or entering an area in which it is prohibited to radiate radio signals, e.g. during flight, flight mode must be activated. The hearing aid will still be working. It is only necessary to activate flight mode on one hearing aid, to turn off Bluetooth on both hearing aids. If your hearing aid does not have a push-button you need to turn off your hearing aid.

To activate and deactivate
Press the push button for at least 7 seconds. A jingle confirms your action.

Opening and closing the battery drawer will also deactivate flight mode.



Optional features and accessories

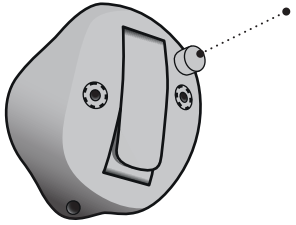
The features and accessories described on the following pages are optional. Please contact your hearing care professional to find out how your hearing aid is programmed.

If you experience difficult listening situations, a special program may be helpful. These are programmed by your hearing care professional.

Write down any hearing situations in which you may need help.

☐ Change programs

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



- Press the button to change program. Use a short press if the push button is used for program change only and a long press if it is also used for volume control.

Note that if you have two synchronized hearing aids, (both hearing aids respond when either push button is operated) the RIGHT hearing aid switches forward from e.g., program 1 to 2 and the LEFT hearing aid switches backwards from e.g., program 4 to 3.

If your hearing aids work independently, you must press the buttons on each hearing aid.

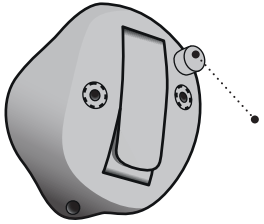
To be filled out by the hearing care professional

Program	Sound you will hear when activated	When to use
1	♪ "1 beep"	
2	♪♪ "2 beeps"	
3	♪♪♪ "3 beeps"	
4	♪♪♪♪ "4 beeps"	

Program change:	
☐ Independent	☐ Synchronized
☐ LEFT	☐ RIGHT
☐ Short press	☐ Long press

☐ Change volume with push button

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



A short press on the RIGHT hearing aid increases the volume

A short press on the LEFT hearing aid decreases the volume

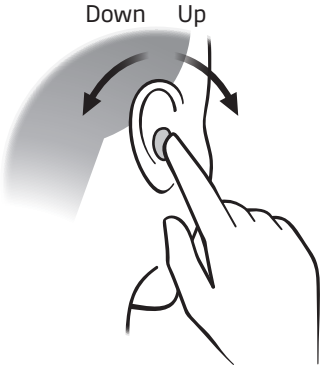
You will hear 2 beeps at start-up level

To be filled out by the hearing care professional

Volume change	☐LEFT	☐RIGHT

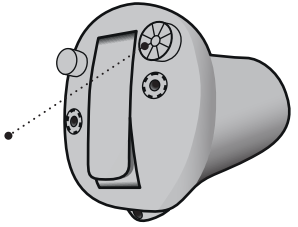
☐ Change volume with volume wheel

The volume wheel allows you to adjust the volume.
You may hear a click when you turn the volume up or down.



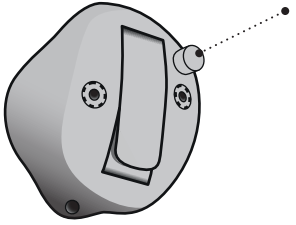
Turn forward to turn up volume

Turn backwards to turn down the volume



☐ Mute the hearing aid

Use the mute function if you need to silence the hearing aid. Only available for hearing aids with push button.



Apply a very long press to the push button to mute the hearing aid. To reactivate the hearing aid, push the button briefly.

NOTE: the mute function only mutes the microphone(s) on the hearing aid(s).

IMPORTANT NOTICE

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

Use hearing aids with iPhone, iPad, and iPod touch

Your hearing aids are Made for iPhone® and allow for direct communication and control with iPhone, iPad® or iPod touch®. For assistance in using these products with your hearing aids, please contact your hearing care professional or visit: www.oticon.com/support

Made for iPhone | iPad | iPod

For information on compatibility, please visit www.oticon.com/support

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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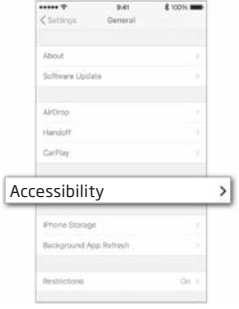
Pair hearing aids with iPhone

1. Settings

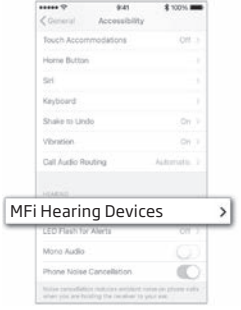
Open your iPhone and go to “Settings”. Make sure Bluetooth is on. Then choose “General”.

2. General



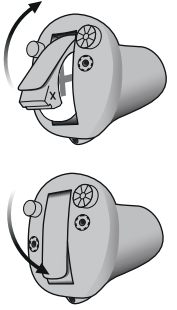
On the “General” screen, choose “Accessibility”.

3. Accessibility



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

4. Prepare

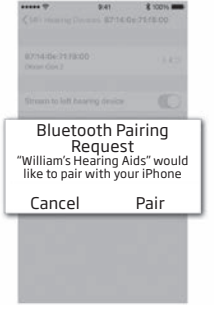


Open and close the battery drawer on both hearing aids, and place them close to your iPhone. The hearing aids remain in pairing mode for 3 minutes.

5. Select

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

6. Confirm pairing



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

When you turn off your hearing aids or Apple® device, they will no longer be connected. To connect them again, turn on your hearing aids by opening and closing the battery door. The hearing aids will then automatically reconnect to your Apple device.

Wireless accessories

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

☐ **ConnectClip**
When paired with your mobile phone, you can use the hearing aids as a hands-free headset, or as a remote microphone.

☐ **TV Adapter 3.0**
Wireless transmitter of sound from TV and electronic audio devices. TV Adapter streams sound directly to your hearing aids.

☐ **Remote Control 3.0**
Offers the ability to change programs, adjust volume, or mute your hearing aids.

☐ **Oticon ON App**
Offers an intuitive and discreet way to control your hearing aids. For iPhone, iPad, iPod touch, and Android™ devices.

For more information visit:
www.oticon.com/support

Other options

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

☐ **Autophone - only optional for some styles**
The autophone can automatically activate a phone program in the hearing aid, if you place a dedicated magnet on your phone.

* Be aware that when you activate 2.4 GHz and telecoil at the same time an artifact sound can occur.

For more information, please contact your hearing care professional.

☐ Tinnitus SoundSupport™ (optional)

Intended use of Tinnitus SoundSupport
Tinnitus SoundSupport is a tool intended to generate sounds to provide temporary relief for patients suffering from tinnitus as part of a tinnitus management program. The target population is the adult population (over 18 years old).

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

Styles available with Tinnitus SoundSupport
CIC, ITC, ITE HS & ITE FS for hearing aids with push button. Please see the model overview to find out which style your hearing aid is.

Guidelines for tinnitus sound generator users

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

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

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

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

Sound options and volume adjustment

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

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

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

Volume adjustments with Tinnitus SoundSupport
When Tinnitus SoundSupport is activated (in a program), you will only be able to adjust the volume of Tinnitus SoundSupport using the push button or volume wheel. This means that you cannot adjust the environmental sounds in this program.

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

A) Change volume in each ear separately, or
B) Change volume in both ears simultaneously.

☐ Change volume with push button

See section “Change volume with push button” for illustration

☐	**A) How to change Tinnitus SoundSupport volume in <u>each</u> ear separately** To **increase** volume (on one hearing aid only), use a short press on the push button repeatedly until desired level is reached. The sound will always be louder with the first press(es) until two beeps are heard. Hereafter the volume will decrease. To **decrease** volume (on only one hearing aid), continue to press the push button repeatedly until desired level is reached.
☐	**B) How to change Tinnitus SoundSupport volume in <u>both</u> ears simultaneously** You can use one hearing aid to increase the sound and the other hearing aid to decrease the sound: To **increase** volume, use a short press on the push button repeatedly on the RIGHT hearing aid. To **decrease** volume, use a short press on the push button repeatedly on the LEFT hearing aid.

To be filled out by your hearing care professional.

☐ Change volume with volume wheel

See section “Change volume with volume wheel” for illustration

☐	**A) How to change Tinnitus SoundSupport volume in <u>each</u> ear separately** To **increase** volume (on one hearing aid only), turn the volume wheel forward. To **decrease** volume (on one hearing aid only), turn the volume wheel backwards.
☐	**B) How to change Tinnitus SoundSupport volume in <u>both</u> ears simultaneously** You can use one hearing aid to increase/decrease the sound in both hearing aids. When changing the volume in one hearing aid, the volume on the other hearing aid will follow. To **increase** volume, turn the volume wheel forward. To **decrease** volume, turn the volume wheel backwards.

To be filled out by your hearing care professional.

☐ **Hearing aid with Bluetooth**

If your hearing aid has Bluetooth connection, you will be able to adjust the environmental sounds in a program with Tinnitus SoundSupport with Remote Control 3.0 or ConnectClip.
Oticon ON App for iPhone, iPad, iPod touch, and Android™ devices offers the possibility to adjust both the environmental sound and the Tinnitus SoundSupport in each program directly from the app.

Limitation on use time

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

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

Important information for hearing care professionals about Tinnitus SoundSupport

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

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

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

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

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

⚠ Warnings related to Tinnitus

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

You should familiarize yourself fully with the following general warnings before using your hearing aid for your personal safety and to ensure correct use.

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

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

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 & risk of swallowing batteries and 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.

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

Most hearing aids can be supplied with a tamper-resistant battery drawer upon request. This is strongly recommended for infants, small children, and people with learning difficulties.

Children younger than 36 months must always use a tamper-resistant battery drawer. Please talk to your hearing care professional about the availability of this option.

If a battery or hearing aid is swallowed, see a doctor immediately and contact the National Poison Center at 1-800-222-1222 or National Battery Ingestion Hotline at 202-625-3333

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

Never attempt to recharge your batteries, and never dispose of batteries by burning them. There is a risk that the batteries will explode.

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

Active implants
Caution must be taken with active implants. In general, follow the guidelines recommended by manufacturers of implantable defibrillators and pacemakers regarding use with mobile phones and magnets.

The Autophone magnet and MultiTool (which has a built-in magnet) should be kept at least 30 cm away from the implant, e.g. do not carry it in a breast pocket.

⚠ General warnings

If you have an active brain implant, please contact the manufacturer of your implantable device for information about the risk of disturbance.

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

Heat and chemicals
The hearing aid must never be exposed to extreme heat, e.g. left inside a parked car in the sun.

The hearing aid must not be dried in microwave ovens or other ovens.

The chemicals in cosmetics, hairspray, perfume, aftershave lotion, suntan lotion, and insect repellent can damage the hearing aid. Always remove your hearing aid before applying such products and allow time to dry before use.

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

For information on whether your hearing aid is a power instrument, see the back of this leaflet.

Possible side effects
Hearing aids and earpieces may cause an accelerated accumulation of earwax.

The otherwise non-allergenic materials used in hearing aids may in rare cases lead to a skin irritation or other side effects.

Please seek consultation with a physician if these conditions occur.

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

Use on aircraft
Your hearing aid might have Bluetooth. On board an aircraft, flight mode must be activated, unless Bluetooth is permitted by the flight personnel.

Please see the model overview if your hearing aid has Bluetooth.

Connection to external equipment
The safety of the hearing aid when connected to external equipment (via auxiliary input cable, via USB cable, or directly), is determined by the external equipment. When connected to external equipment plugged into a wall outlet, this equipment must comply with IEC-60065, IEC-60950 or equivalent safety standards.

Warning to hearing instrument dispensers

A hearing instrument dispenser should advise a prospective hearing instrument user to consult immediately with a licensed physician (preferably an ear specialist) before dispensing a hearing instrument if the hearing instrument dispenser determines 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:

(i) Visible congenital or traumatic deformity of the ear.
(ii) History of active drainage from the ear within the previous 90 days.
(iii) History of sudden or rapidly progressive hearing loss within the previous 90 days.
(iv) Acute or chronic dizziness.
(v) Unilateral hearing loss of sudden or recent onset within the previous 90 days.
(vi) Audiometric air-bone gap equal to or greater than 15 decibels at 500 Hertz (Hz), 1,000 Hz, and 2,000 Hz.
(vii) Visible evidence of significant cerumen accumulation or a foreign body in the ear canal.
(viii) Pain or discomfort in the ear.

Special care should be exercised in selecting and fitting a hearing instrument whose maximum sound pressure capability exceeds 132 dB SPL as there may be risk of impairing the remaining hearing of the hearing instrument user.

Important notice for prospective hearing instrument users

Good health practice requires that a person with a hearing loss have a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear) before purchasing a hearing instrument. Licensed physicians who specialize in diseases of the ear are often referred to as Otolaryngologists, Otologists or Otorhinolaryngologists. The purpose of medical evaluation is to ensure that all medically treatable conditions that may affect hearing are identified and treated before the hearing instrument is purchased. Following the medical evaluation, the physician will give you a written statement that states that your hearing loss has been medically evaluated and that you may be considered a candidate for a hearing instrument. The physician will refer you to an audiologist or a hearing instrument dispenser, as appropriate, for a hearing instrument evaluation.

The audiologist or hearing instrument dispenser will conduct a hearing instrument evaluation to assess your ability to hear with and without a hearing instrument. The hearing instrument evaluation will enable the audiologist or dispenser to select and fit a hearing instrument to your individual needs. If you have reservations about your ability to adapt to amplification, you should inquire about the availability of a trial, rental or purchase-option program. Many hearing instrument dispensers now offer programs that permit you to wear a hearing instrument for a period of time for a nominal fee, after which you may decide if you want to purchase the hearing instrument.

Federal law limits the sale of hearing instruments to those individuals who have obtained a medical evaluation from a licensed physician.

Federal law permits a fully informed adult to sign a waiver statement declining the medical evaluation for religious or personal beliefs that preclude consultation with a physician. The exercise of such a waiver is not in your best health interest and its use is strongly discouraged. A hearing instrument will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions. A hearing instrument is only part of hearing rehabilitation and may need to be supplemented by auditory training and lip reading.

Children with hearing loss

In addition to seeing a physician for medical evaluation, a child with a hearing loss should be directed to an audiologist for evaluation and rehabilitation, since hearing loss may cause problems in language development and educational and social growth of a child. An audiologist is qualified by training and experience to assist in the evaluation and rehabilitation of a child with a hearing loss. If the user is an infant, small child, or person of mental incapacity, it is recommended that the hearing instrument be modified with a tamper-resistant battery compartment.

Troubleshooting guide

Symptom	Possible causes	Solutions
No sound	Worn-out battery	Replace the battery
	Clogged sound outlet	Clean sound outlet* or replace the wax filter
	Clogged microphone inlet	Clean microphone inlet* or replace filter (T-Cap or O-Cap)
	Hearing aid microphone muted	Unmute the hearing aid microphone
Intermittent or reduced sound	Clogged sound outlet	Clean sound outlet or replace the wax filter
	Moisture	Wipe battery and hearing aid with a dry cloth
	Worn-out battery	Replace the battery
Squealing noise	Hearing aid not inserted properly	Re-insert the hearing aid
	Ear wax accumulated in ear canal	Have ear canal examined by your doctor
Pairing issue with Apple device	Bluetooth connection failed	**1)** Unpair your hearing aids (Settings→General→Accessibility→Hearing Devices→Devices →Forget this device). **2)** Turn Bluetooth off and on again. **3)** Open and close battery drawer on hearing aids. **4)** Re-pair hearing aids (see chapter: "Pair hearing aids with iPhone").
	Only one hearing aid paired	

If none of the above solutions work, consult your hearing care professional for assistance.
* According to guideline in this booklet

Mobile phone

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

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

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

For a hearing aid with both acoustic coupling and telecoil coupling with a rating of M4/T2 and with a telephone rating of M3/T3), the combined rating is 7 (M4 + M3) for the acoustic coupling and 5 (T2 + T3) for the telecoil coupling. According to the guidelines given above, both types of coupling will thereby be acceptable, with the acoustic coupling indicating excellent performance and the telecoil coupling indicating normal use.

The above equipment performance measurements, categories and system classifications are based upon the best information available, but it cannot be guaranteed that all users will be satisfied.

The immunity of Oticon Opn and Siya IIC and CIC are at least M2. The immunity ofOticon Opn and Siya ITC, ITE HS and ITE FS at least M2/T2.

The equipment performance measurements, categories and system classifications are based upon the best information available but cannot guarantee that all users will be satisfied.

IMPORTANT NOTICE

The performance of individual hearing aids may vary with individual mobile phones. Therefore, please try this hearing aid with your mobile 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 mobile phone provider for the booklet entitled “Hearing Aid Compatibility with Digital Wireless Cell Phones.”

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 sweat or getting wet in the rain. Should your hearing aid come in contact with water and stop working, please follow these guidelines:

1. Gently wipe off any water.
2. Open the battery drawer and 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

Operating conditions	Temperature: +1°C to +40°C Relative humidity: 5% to 93%, non-condensing
Storage and transportation conditions	Temperature and humidity should not exceed the following limits for extended periods during transportation and storage: Temperature: -25°C to +60°C Relative humidity: 5% to 93%, non-condensing

Warranty

Certificate

Name of owner: _____

Hearing aid professional: _____

Hearing aid professional's address: _____

Hearing aid professional's phone: _____

Purchase date: _____

Warranty period: _____ Month: _____

Model left: _____ Serial no.: _____

Model right: _____ Serial no.: _____

Battery size: _____

International warranty

Your hearing aid is covered by an international limited warranty issued by the manufacturer for a period of 12 months from the date of delivery. This limited warranty covers manufacturing and material defects in the hearing aid itself, but not accessories such as batteries, tubing, ear wax filters, etc. Problems arising from improper handling or care, excessive use, accidents, repairs made by an unauthorized party, exposure to corrosive conditions, physical changes in your ear, damage due to foreign objects entering the device, or incorrect adjustments are NOT covered by the limited warranty and may void it. The above warranty does not affect any legal rights that you might have under applicable national legislation governing sale of consumer goods. Your hearing care professional may have issued a warranty that goes beyond the clauses of this limited warranty. Please consult him/her for further information.

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

Technical information

The hearing aid contains two radio technologies (optional), which are described below:

The hearing aid contains a radio transceiver using short range magnetic induction technology working at 3.84 MHz. The magnetic field strength of the transmitter is very weak and is always below -40 dBμA/m at a 10 metre distance.

The hearing aid also contains a radio transceiver using Bluetooth Low Energy (BLE) and a proprietary shortrange radio technology, both working at 2.4 GHz.

The 2.4 GHz radio transmitter is weak and is always below 4 dBm e.i.r.p. in total radiated power.

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

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

Additional information can be found in the "Technical Data sheets" on www.oticon.global

USA and Canada
The hearing aid contains a radio module with the following certification ID numbers:

CIC NFMI instruments
contain a module with:

FCC ID: U28-AUCIC
IC: 1350B-AUCIC

ITC, ITE HS & ITE FS 2.4 GHz
instruments contain a module with:

Battery size 13:
FCC ID: U28-AUITE13
IC: 1350B-AUITE13

Battery size 312:
FCC ID: U28-AUITE312
IC: 1350B-AUITE312

The device complies with Part 15 of the FCC Rules and with Industry Canada's licence-exempt RSSs.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference.

2. This device must accept any interference received, including interference that may cause undesired operation.

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

This Class B digital apparatus complies with Canadian ICES-003.

Note: This equipment 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 equipment 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 equipment 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.

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

CE 0543

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

Declaration of Conformity is available from the manufacturer.

Manufactured by:
Oticon A/S
Kongebakken 9
DK-2765 Smørum
Denmark
www.oticon.global

Bluetooth®

IP68

Description of symbols 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 Directives 90/385/EEC, 93/42/EEC and 98/79/EC.
CE 0543	**CE mark** The device complies with Medical Device Directive 93/42/EEC. The four digits 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 market.
IP68	**IP code** Indicates the class of protections against harmful ingress of water and particulate matter according to EN 60529:1991/A1:2002. 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.
Made for iPhone | iPad | iPod	**Made for Apple badges** Indicates that the device is compatible with iPhone, iPad and iPod touch.

Description of symbols used on the regulatory packaging label

	**Keep dry** Indicates a medical device that needs to be protected from moisture.
	**Caution symbol** Consult instructions for use for warnings and cautions.
REF	**Catalog number** Indicates the manufacturer's catalog 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.

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

Power instrument ☐ **Yes** ☐ **No**				
Settings overview for your hearing aid				
Left			**Right**	
☐ Yes	☐ No	Volume control	☐ Yes	☐ No
☐ Yes	☐ No	Program shift	☐ Yes	☐ No
☐ Yes	☐ No	Mute	☐ Yes	☐ No
☐ Yes	☐ No	Tinnitus SoundSupport	☐ Yes	☐ No
Volume control indicators				
☐ On	☐ Off	Beeps at min /max volume	☐ On	☐ Off
☐ On	☐ Off	Clicks when changing volume	☐ On	☐ Off
☐ On	☐ Off	Beeps at preferred volume	☐ On	☐ Off
Battery indicators				
☐ On	☐ Off	Low battery warning	☐ On	☐ Off

Technical data

Oticon Opn 1

2CC Coupler measured according to American National Standard ANSI S3.22-2014 and ANSI S3.55-2014/Part 5

Supply voltage:
Battery Zinc Air 1.4 Volt

0 dB SPL ref. 20 mPa

		IIC 75	IIC 85	CIC 75	CIC 85
		75	85	75	85
Peak OSPL90		108 dB SPL	116 dB SPL	109 dB SPL	118 dB SPL
HF Average OSPL90		102 dB SPL	113 dB SPL	104 dB SPL	115 dB SPL
Peak Full-on Gain		41 dB	47 dB	47 dB	52 dB
HF Average Full-on Gain		38 dB	46 dB	42 dB	49 dB
Reference Test Gain		26 dB	37 dB	27 dB	38 dB
Frequency Range		100-9200 Hz	100-9200 Hz	100-7000 Hz	100-9000 Hz
Total Harmonic Distortion	500 Hz	2%	<2%	<2%	<2%
Total Harmonic Distortion	800 Hz	2%	2%	<2%	<2%
Total Harmonic Distortion	1600 Hz	2 %	<2 %	2 %	2%
Battery Consumption		1.1 mA	1.4 mA	1.0 mA	1.3 mA
Equivalent Input Noise Level (omni)		18 dB SPL	18 dB SPL	19 dB SPL	17dB SPL
Attack Time		<5 ms	<5 ms	<5 ms	<5 ms
Release Time		<30 ms	<45 ms	<25 ms	<35 ms

Oticon Opn 1

IIC 75

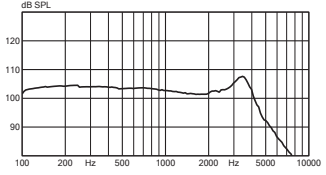
75

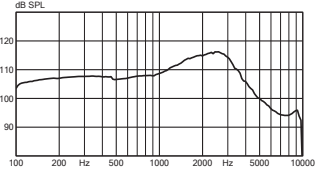
IIC85

85

OSPL90 Output Sound Pressure Level

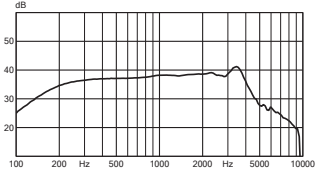
Input: 90 dB SPL.
Technical setting: A0

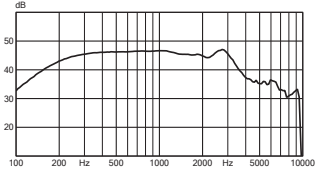




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





CIC 75

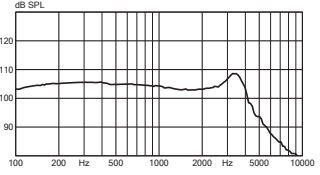
75

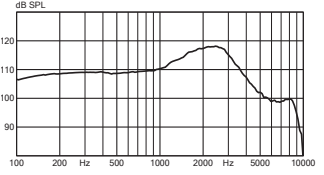
CIC 85

85

OSPL90 Output Sound Pressure Level

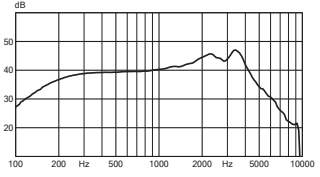
Input: 90 dB SPL.
Technical setting: A0

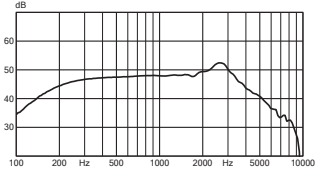




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





Technical data

Oticon Opn 1

2CC Coupler measured according to American National Standard ANSI S3.22-2014 and ANSI S3.55-2014/Part 5

Supply voltage:
Battery Zinc Air 1.4 Volt

0 dB SPL ref. 20 mPa

		ITC, ITE HS, ITE FS 75	ITC, ITE HS, ITE FS 85	ITC, ITE HS, ITE FS 90	ITC, ITE HS, ITE FS100
		75	85	90	100
Peak OSPL90		108 dB SPL	116 dB SPL	120 dB SPL	125 dB SPL
HF Average OSPL90		103 dB SPL	112 dB SPL	116 dB SPL	122 dB SPL
Peak Full-on Gain		45 dB	50 dB	55 dB	63 dB
HF Average Full-on Gain		41 dB	47 dB	50 dB	58 dB
Reference Test Gain		27 dB	35 dB	39 dB	45 dB
Frequency Range		100-7500 Hz	100-8800 Hz	100-7900 Hz	100-7100 Hz
Total Harmonic Distortion	500 Hz	<2%	<2%	<2%	<2%
Total Harmonic Distortion	800 Hz	<2%	<2%	<2%	<2%
Total Harmonic Distortion	1600 Hz	<2 %	<2%	<2%	<2%
Battery Consumption		1.8 mA	1.9 mA	1.8 mA	1.8 mA
Equivalent Input Noise Level (omni/dir)		16/27 dB SPL	15/27 dB SPL	15/27 dB SPL	15/28 dB SPL
HF Average SPLITS (left/right ear)		83/83 dB SPL	92/92 db SPL	96/96 db SPL	103/103 db SPL
Attack Time		<5 ms	<5 ms	<5 ms	<5 ms
Release Time		<25 ms	<35 ms	<25 ms	<15 ms

Oticon Opn 1

ITC, ITE HS, ITE FS 75

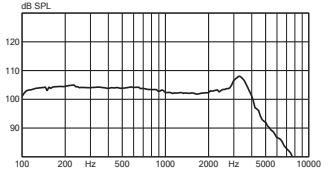
75

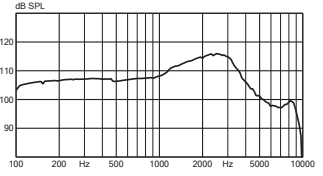
ITC, ITE HS, ITE FS 85

85

OSPL90 Output Sound Pressure Level

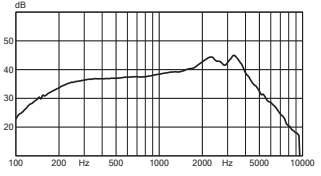
Input: 90 dB SPL.
Technical setting: A0

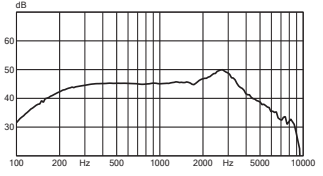




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





ITC, ITE HS, ITE FS 90

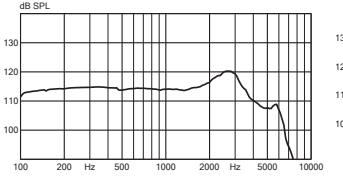
90

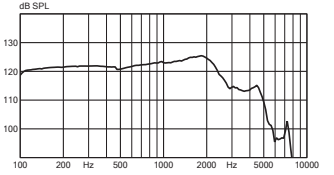
ITC, ITE HS, ITE FS 100

100

OSPL90 Output Sound Pressure Level

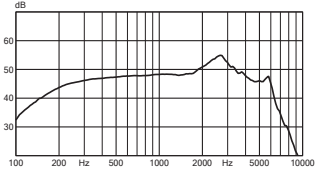
Input: 90 dB SPL.
Technical setting: A0

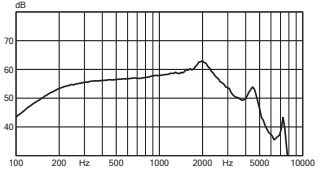




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





Technical data

Oticon Opn 2 & 3
Oticon Siya 1 & 2

2CC Coupler measured according to American National Standard ANSI S3.22-2014 and ANSI S3.55-2014/Part 5

Supply voltage:
Battery Zinc Air 1.4 Volt

0 dB SPL ref. 20 mPa

		IIC 75	IIC 85	CIC 75	CIC 85
		75	85	75	85
Peak OSPL90		108 dB SPL	116 dB SPL	109 dB SPL	118 dB SPL
HF Average OSPL90		102 dB SPL	113 dB SPL	104 dB SPL	115 dB SPL
Peak Full-on Gain		41 dB	47 dB	47 dB	52 dB
HF Average Full-on Gain		38 dB	46 dB	42 dB	49 dB
Reference Test Gain		26 dB	37 dB	27 dB	38 dB
Frequency Range		100-7500 Hz	100-7500 Hz	100-7000 Hz	100-7500 Hz
Total Harmonic Distortion	500 Hz	2%	<2%	<2%	<2%
Total Harmonic Distortion	800 Hz	2%	2%	<2%	<2%
Total Harmonic Distortion	1600 Hz	2 %	<2 %	2 %	2%
Battery Consumption		1.1 mA	1.4 mA	1.0 mA	1.3 mA
Equivalent Input Noise Level (omni)		18 dB SPL	18 dB SPL	19 dB SPL	17dB SPL
Attack Time		<5 ms	<5 ms	<5 ms	<5 ms
Release Time		<30 ms	<45 ms	<25 ms	<35 ms

Oticon Opn 2 & 3
Oticon Siya 1 & 2

IIC 75

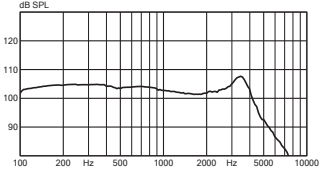
75

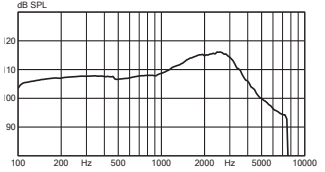
IIC 85

85

OSPL90 Output Sound Pressure Level

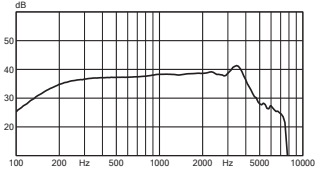
Input: 90 dB SPL.
Technical setting: A0

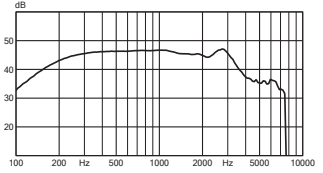




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





CIC 75

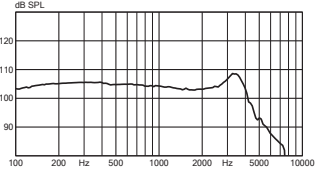
75

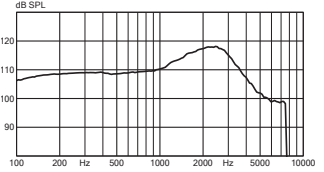
CIC 85

85

OSPL90 Output Sound Pressure Level

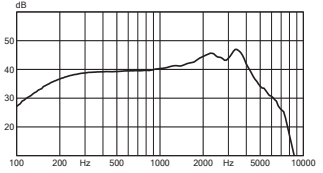
Input: 90 dB SPL.
Technical setting: A0

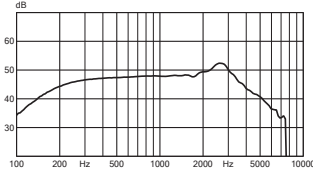




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





Technical data

Oticon Opn 2 & 3
Oticon Siya 1 & 2

2CC Coupler measured according to American National Standard ANSI S 3.22 (2003) and S3.7 (1995).

Supply voltage:
Battery Zinc Air 1.4 Volt

0 dB SPL ref. 20 mPa

		ITC, ITE HS, ITE FS 75	ITC, ITE HS, ITE FS 85	ITC, ITE HS, ITE FS 90	ITC, ITE HS, ITE FS100
		75	85	90	100
Peak OSPL90		108 dB SPL	116 dB SPL	120 dB SPL	125 dB SPL
HF Average OSPL90		103 dB SPL	112 dB SPL	116 dB SPL	122 dB SPL
Peak Full-on Gain		45 dB	50 dB	55 dB	63 dB
HF Average Full-on Gain		41 dB	47 dB	50 dB	58 dB
Reference Test Gain		27 dB	35 dB	39 dB	45 dB
Frequency Range		100-7500 Hz	100-7500 Hz	100-7500 Hz	100-7100 Hz
Total Harmonic Distortion	500 Hz	<2%	<2%	<2%	<2%
Total Harmonic Distortion	800 Hz	<2%	<2%	<2%	<2%
Total Harmonic Distortion	1600 Hz	<2 %	<2%	<2%	<2%
Battery Consumption		1.8 mA	1.9 mA	1.8 mA	1.8 mA
Equivalent Input Noise Level (omni/dir)		16/27 dB SPL	15/27 dB SPL	15/27 dB SPL	15/28 dB SPL
HF Average SPLITS (left/right ear)		83/83 dB SPL	92/92 db SPL	96/96 db SPL	103/103 db SPL
Attack Time		<5 ms	<5 ms	<5 ms	<5 ms
Release Time		<25 ms	<35 ms	<25 ms	<15 ms

Oticon Opn 2 & 3
Oticon Siya 1 & 2

ITC, ITE HS, ITE FS 75

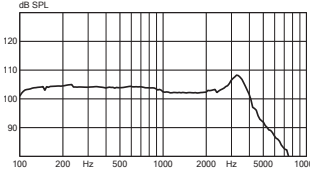
75

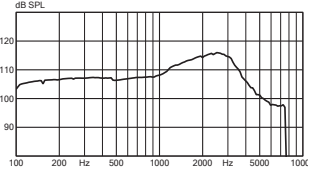
ITC, ITE HS, ITE FS 85

85

OSPL90 Output Sound Pressure Level

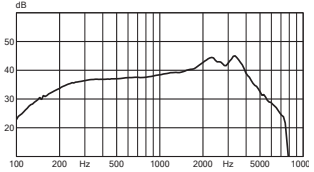
Input: 90 dB SPL.
Technical setting: A0

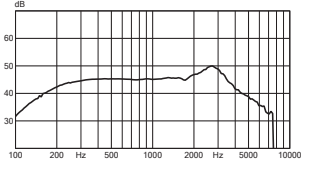




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





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ITC, ITE HS, ITE FS 90

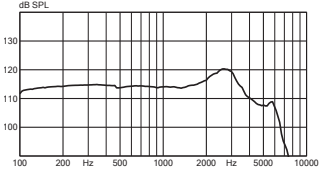
90

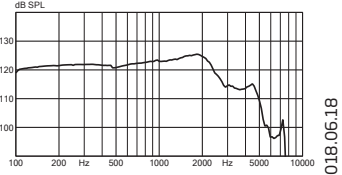
CITC, ITE HS, ITE FS 100

100

OSPL90 Output Sound Pressure Level

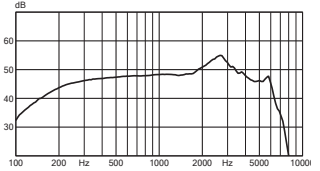
Input: 90 dB SPL.
Technical setting: A0

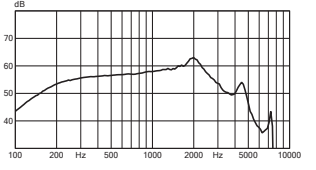




Full-on Gain

Input: 50 dB SPL.
Technical setting: A0





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