

INSTRUCTIONS FOR USE



Oticon ♦ Sumo DM

BTE

oticon
PEOPLE FIRST

Congratulations on your digital hearing instruments. They represent some of the most advanced technology currently available in hearing care. Carefully follow these instructions when using and maintaining them. These instructions will help you get the most out of the instruments and ensure their continued high performance.

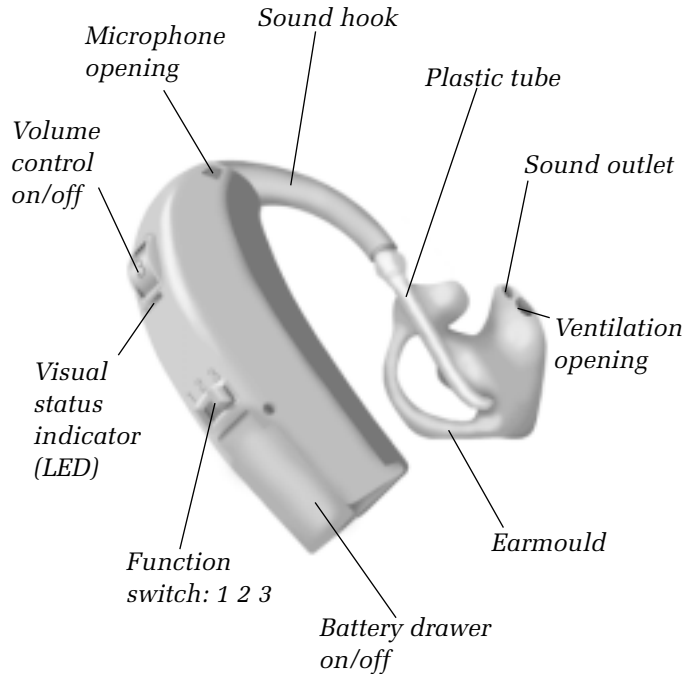
Important notice

Please familiarise yourself with the entire contents of this booklet before using your hearing instruments. It contains instructions and important information about the use and handling of your hearing instruments and batteries.

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BTE – Instrument view



Battery size: 675

Turning your instruments ON

When turning your instrument ON make sure:

- 1) The battery drawer is closed.
- 2) The volume control is turned up.
- 3) The function switch is set to a microphone program.

When the instrument is turned on you will hear a series of beeps indicating which program is active, and that the battery is working. The LED will flash to indicate the instrument is on, or light up permanently depending on configuration.

Turning your instruments OFF

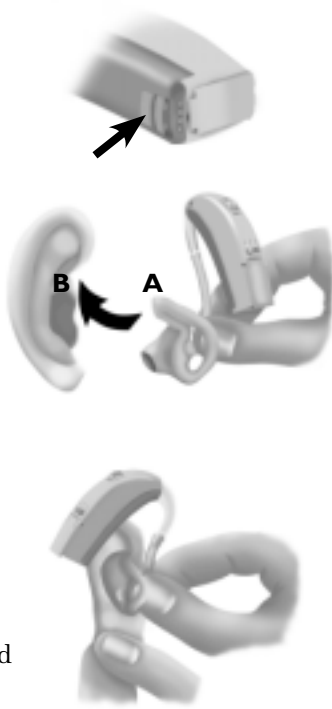
When turning your instrument OFF you can use one of the following options:

- 1) Turn the volume control down until it clicks.
- 2) Set the functions switch to OFF if it has been programmed with an OFF position.
- 3) Open the battery drawer slightly.

To preserve the battery, make sure your hearing instrument is switched off when you are not wearing it.

Inserting your hearing instrument

- Your hearing instruments may have a right/left-identification. Red=Right, Blue=Left
- Turn off the hearing instrument.
- Hold the plastic tube as shown.
- Place the tip of the earmould into your ear canal, twisting it slightly, and make sure that the top part of the earmould (A) is pushed under the fold of your ear (B).
- Gently, pull down your ear lobe and press the earmould in the direction of the ear canal.



- With the earmould correctly positioned, slide the hearing instrument over the top of your ear to rest behind it.
- Turn on the hearing instrument and adjust the volume control until you hear the beeps indicating the preferred volume control level. This feature is optional.






Function switch

Your hearing aid has a 3-position switch for switching between different programs.

- When you switch between different programs, your hearing instrument will beep.
- Operate the function switch to change program. The number of beeps will indicate which program you are using if beeps are enabled.

Your hearing instrument can have up to three different programs.

Please note that one program may be programmed as an off position. (Optional)

	One beep, when you switch to program 1
	Two beeps, when you switch to program 2
	Three beeps, when you switch to program 3

Below you can see a description of the programs available in your hearing instrument.

Program 1 _____

Program 2 _____

program 3 _____



Telecoil

The telecoil is meant for telephone conversations and for loop systems in e.g. theatres, churches or lecture rooms.

The telecoil is activated by operating the function switch. When activated you will hear a certain number of beeps.

Your telecoil can be disabled if you do not wish to use it. This will also disable DAI/FM functionality.

Volume Control

This wheel allows you to adjust the sound level in different listening situations. The preferred volume control level can be indicated by three beeps. This level has been programmed according to your preferences. Consult your Hearing Care Professional if you find this level too loud or too weak in most situations.

Turning up the control increases the volume. Maximum setting (4) gives you the loudest sound.

Turning down the control decreases the volume. Minimum setting (1) gives you the quietest sound.

If you turn the wheel below (1) you can feel a click and the instrument will turn off.

Your Volume Control can be disabled if you do not wish to use it. This will also disable the off functionality in the Volume Control.



Changing batteries

A worn-out battery should be removed immediately. When battery power is low, you will hear a series of two beeps. If the status light is programmed to be steady on, it will turn off. This indicates that it is time to change the battery. It is not an indication of malfunction. To replace the battery, follow these instructions:

- Open the battery drawer by pushing back the raised edge and remove the old battery.
- Remove the sticky label from the + side of the new battery
- Insert the new battery (size 675, preferably dedicated super power battery) so that its + sign faces the + sign printed on the top of the battery drawer.
- The battery drawer should close easily. If you feel any resistance it could be that you have placed the battery incorrectly. Reinsert the battery and try again.



Any moisture on the battery surface should be wiped off before use. When you change batteries, it may take a couple of minutes before the new battery works with full effect.

Disposal:

- Check with your Hearing Care Professional about arrangements for battery disposal. They may have a system for disposing of them.
- Never try to charge non-rechargeable batteries.
- Never dispose of batteries with household waste. They cause environmental pollution.
- Never dispose of batteries by burning them. There is a risk that they will explode and cause serious injury.

Tamper-resistant battery drawer (optional)

This option is strongly recommended for infants, small children, and people with learning difficulties.

Instructions: To remove the battery, open the battery drawer. (If a DAI shoe is mounted, the shoe has to be removed). Insert the end of a ballpoint or the like into the small recess in the corner. Push the battery with the ballpoint until the battery is released.

Important: Do not force the battery drawer beyond its fully open position. Insert the battery correctly. Excessive strain can deform the battery drawer, which will reduce its tamper resistant effectiveness.



Extended Communication

The benefit from your hearing instruments can be increased in difficult listening situations. Your hearing instruments are compatible with ear level FM systems, which can allow you to hear a person talking at a distance without interference from background noise. You can also access interference-free audio signals via the Direct Audio Input (DAI).

Mounting of accessories

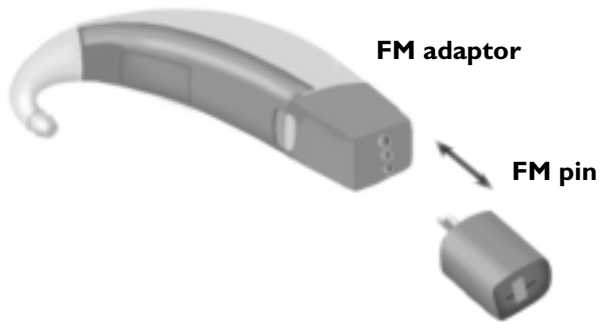
Note: Your accessories safely lock into the battery drawer.



Ear level FM systems

When using an Ear level FM system, set your program switch to your telecoil program allowing you to hear the external signal. Please note that your instrument may be set up with one or more telecoil programs that do not allow you to listen to the external signal. Your Hearing Care Professional can change this if desired.

FM pin + FM adaptor



Consult your Hearing Care Professional for advice and purchase information about Ear level FM systems.

Dedicated receiver for Lexis

Users of Lexis can choose the dedicated LE-7 receiver for Sumo DM, which conveniently eliminates the need for an adaptor shoe and provides a smaller profile compared to a universal receiver.



Consult your Hearing Care Professional for advice and purchase information about Ear level FM systems.

Direct Audio Input (DAI)

DAI provides access to interference-free audio signals from external sources (such as radio, TV, PC Audio output, personal CD players, etc). The signal is received directly into your hearing instruments by using a specified cord and coupling shoe.



When using a Direct Audio Input device, set your program switch to your telecoil program allowing you to hear the external signal. Please note that your instrument may be set up with one or more telecoil programs that do not allow you to listen to the external signal. Your Hearing Care Professional can change this if desired.

Consult your Hearing Care Professional for advice and purchase information about DAI coupling shoe and cords.

Warnings

Hearing instruments and batteries can be dangerous if swallowed or used improperly. Such actions can result in severe injury, permanent hearing loss, or can even be fatal.

You should familiarize yourself fully with the following general warnings and the entire contents of this booklet before using your hearing instruments.

Hearing instruments and batteries can be dangerous if swallowed

- Hearing instruments, their parts, and batteries are not toys and should be kept out of reach of children and anyone who might swallow these items or otherwise cause injury to themselves.
- Never change the battery or adjust the controls of the hearing instruments in front of infants, small children or people with learning difficulties.
- Discard batteries carefully in a place where infants, small children or people with learning difficulties cannot reach them.
- Always check your medicine before swallowing it, as batteries have occasionally been mistaken for pills.

- Never put your hearing instruments or batteries in your mouth for any reason, as they are slippery and could be swallowed by accident.
- Most Oticon hearing instruments can be supplied with a tamper-resistant battery compartment upon request. This is strongly recommended for infants, small children, and people with learning difficulties.

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

Misuse can result in sudden and permanent hearing loss

- Hearing instruments 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 instruments as incorrect/wrongful usage could cause permanent damage to their hearing

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. They may explode and cause serious injury.
- Never dispose of batteries by burning them. There is a risk that they will explode and cause serious injury.

Dysfunction in hearing instruments

- Hearing instruments may stop functioning, for instance if the batteries have expired or if the tubing is blocked by moisture or earwax. You should be aware of this possibility, in particular when you are in traffic or otherwise dependent on warning sounds.

Interference

- Your hearing instrument has been thoroughly tested for interference, according to the most stringent international standards. But new technical developments constantly bring new products into society, and some may emit electromagnetic radiation, leading to unforeseen interference in hearing instruments. Examples include induction cooking appliances, shop alarm systems, mobile telephones, fax machines, personal computer devices, X-rays, Computer tomography etc.

Possible side effects

- Hearing instruments may cause an accelerated accumulation of cerumen (ear wax).
- The otherwise non-allergenic materials used in hearing instruments may in rare cases cause a skin irritation.

Consult a doctor if you experience any of these side effects.

Safety requirements regarding

Direct Audio Input (DAI)

- The safety of hearing instruments with DAI (Direct Audio Input) is determined by the external signal source. When the DAI is connected to mains-operated equipment, this equipment must comply with IEC-60065, IEC-60601 or equivalent safety standards.

Warning to hearing instrument dispenser and user

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

Adjustment of DAI

Note: Adjust your DAI shoe according to application and level of input signal.

Step 1

Adjustment according to the equipment the instrument is to be connected to.

Hi setting: Radio, TV, Walkman, MP3, PC equipment.

Lo setting: Ear level FM system and body worn FM equipment.



Step 2

Adjust the input level control to a comfortable level.

Note: When your DAI is connected to mains operated equipment (such as a TV), this equipment must comply with IEC-60065, IEC-60601 or equivalent safety standards.



Audible and visible status indicators

Table of behavior:

Your instrument has two means of status indication, the audible beeps and a visual status indicator (LED). The behaviour of these status indicators can be configured by your Hearing Care Professional. In the table below you find an overview of the behavior and the possible configurations of your status indicators.

	Audible beeps	Visual status indicator (LED)
Instrument ready	The instrument will beep according to the program that is active, when the instrument is ready.	The visual status indicator will flash according to the program that is active, when the instrument is ready.
Program switch	When you change program the instrument will beep according to the program selected. <i>This feature can be disabled.</i>	When you change program the visual status indicator will flash according to the program selected. <i>Follows audible beep setting</i>
VC preferred level setting	Your volume control is programmed to work under normal conditions at a certain level. When this level is reached by adjusting your volume control your instrument will beep three times. <i>This feature can be disabled.</i>	Your volume control is programmed to work under normal conditions at a certain level. When this level is reached by adjusting your volume control the visual status indicator will flash three times. <i>This feature can be disabled.</i>
Indicate that instrument is On		The visual status indicator can be programmed to be steady On, while the instrument is working. <i>This is default On for users of age 7 and below. The feature can be enabled or disabled.</i>
Battery low indicator	When the battery power is low, you will hear a series of two beeps.	If steady light is enabled, it will turn permanently Off when the Battery Low beeps are activated to indicate the battery should be changed.

Daily care of your hearing instruments

When handling a hearing instrument, keep it over a soft surface to avoid damage if you drop it.

Before retiring at night:

- Make sure that there is no ear wax in any of the earmould openings which might reduce the hearing instruments' efficiency.
- Open the battery drawer to allow air to circulate.

Cleaning your earmoulds

The earmoulds should be washed regularly:

- Disconnect the earmould and tubing from the hearing instrument.
- Wash the earmould in lukewarm water using a mild soap. Do not use strong detergents.

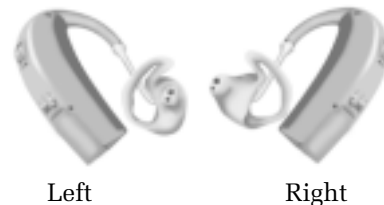
The hearing instruments themselves must never be washed!



- Rinse with water.
- Dry the earmould.
- Any water drops inside the earmould or tubing should be blown out. A special device for this purpose (an earmould blower) is available from your Hearing Care Professional.



- Make sure the earmould and tubing are completely dry before they are reconnected to the hearing instruments as shown in the drawing.



Replacing the tubing

The tubing in the earmould should be replaced when it becomes yellow or stiff. Consult your Hearing Care Professional in relation to this.



Avoiding heat, humidity and chemicals

Your hearing instruments must never be exposed to extreme heat e.g. left inside a parked car in the sun or dried in microwave ovens. They must never be exposed to a lot of moisture e.g. steam baths, showers or heavy rain.

If your hearing instruments have been exposed to moisture or very humid conditions it may affect their performance. Using an anti-humidity kit can help to avoid these problems and may even extend the life of your hearing instruments. Consult your Hearing Care Professional for further advice. Wipe the batteries carefully if moisture is present.

The chemicals in cosmetics, hairspray, perfume, aftershave-lotion, suntan lotion and insect repellent can damage your hearing instruments. You should always remove your hearing instruments before applying such products and allow time for the product to dry before reinserting your hearing instruments. If you use lotion be sure to wipe your hands dry before inserting your hearing instruments.

Using your hearing instruments

It takes time to adjust to a new hearing instrument. How long this adjustment takes differs from person to person. It will depend on a number of factors, such as whether you have had hearing instruments before and the degree of your hearing loss.

Seven easy steps to better hearing

1. In the quiet of your home

Try to accustom yourself to all the new sounds. Listen to the many background sounds and try to identify each sound. Bear in mind that some sounds will seem different from what you are used to. You may have to learn to identify them again. Note that in time you will get accustomed to the sounds in your environment – if not please contact your Hearing Care Professional.

If using the hearing instruments makes you tired, take them off for a little while and have a rest. Gradually, you will begin to be able to listen for longer periods of time. Soon, you will be able to wear your hearing instruments comfortably all day long.

2. Conversation with another person

Sit with someone else in a quiet room. Face each other so you can read facial expressions easily. You may experience new speech sounds, which can seem a little disturbing in the beginning. However, after the brain has adapted to the new speech sounds, you should hear speech clearer.

3. Listen to radio or TV

When listening to the TV or the radio, start out by listening to news commentators since they usually speak clearly, then try other programs.

If you find it difficult to listen to TV or radio, your Hearing Care Professional should be able to give you advice about assistive listening devices. If your hearing instruments have a telecoil program, you may benefit from this in combination with a loop system.

4. In group conversations

Group situations are usually accompanied by a greater degree of background noise, and are therefore, naturally more difficult to cope with. In such situations, therefore, focus your attention on the person you want to hear. If you miss a word, ask the speaker to repeat.

5. Telecoil use in church, theatre, or cinema

An increasing number of churches, theatres and public buildings often have loop systems installed. These systems send out wireless sound to be received by the telecoil in your hearing instruments. Typically, a sign will let you know whether the place has a telecoil. Ask your Hearing Care Professional for details.

6. Using the telephone

When using the telephone tilt the receiver edge lightly on your cheek-bone in order to let the sound flow directly into the hearing instrument's microphone opening. This way, the hearing aid will not whistle and you ensure the best conditions to understand the conversation. When you have the receiver in this position, remember to speak directly into the microphone on the telephone in order to ensure good understanding at the opposite "end of the line".

If your hearing aid has a telecoil (and your telephone has a built in tele-loop) you can switch into the telecoil program in order to further improve the sound reception.



Remember that the telecoil in hearing aids may pick up disturbing signals from electronic devices, such as a fax machines, computers, televisions or similar. Make sure that the hearing aid has a distance of 2 - 3 meters to such devices when using the telecoil program.

7. Wireless and mobile phones

Your hearing instruments are designed to comply with the most stringent Standards of International Electromagnetic Compatibility. However not all mobile phones are hearing instrument compatible. The varying degree of disturbance can be due to the nature of your particular mobile phone.

Using your hearing instruments

The use of hearing instruments is only part of hearing rehabilitation and may need to be supplemented by assistive listening devices auditory training and/or instruction in lip-reading.

Common problems and their solutions

Effect	Cause	Solution
Squealing noise	Ear wax accumulated in ear canal	Have ear canal examined by your doctor
	Hearing instrument inserted improperly	Reinsert hearing instrument (pg. 6)
No sound	Clogged sound outlet	Clean sound outlet (pg. 22)
	Clogged microphone opening	Clean microphone opening with a brush
	Worn-down battery	Replace battery (pg. 12)
	Hearing aid switched to telecoil (T)	Switch to microphone signal (M) (pg. 10)
	Dirty or corroded battery contacts	Open and close the battery drawer several times or replace battery (pg. 12)
Whirring noise or beeping	Dirty or corroded battery contacts	Open and close the battery drawer several times or replace battery (pg. 12)
	Dirty or corroded battery	Clean battery surfaces with dry cloth or replace battery (pg. 12)
	Worn-down battery	Replace battery (pg. 12)

If none of the above solutions solve the problem, ask your Hearing Care Professional for assistance.

International Warranty

Oticon hearing instruments are covered by a 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 instrument itself, but not accessories such as batteries, tubing, earwax 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 well be able to sort out minor problems and adjustments on the spot.

Oticon A/S
58, Strandvejen
DK-2900 Hellerup

Oticon Warranty Certificate

Name of owner: _____

Dispenser: _____

Dispenser address: _____

Dispenser phone: _____

Purchase date: _____

Warranty period: _____ Month: _____

Model left: _____ Serial no.: _____

Model right: _____ Serial no.: _____

Battery size: _____



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

Oticon A/S
9, Kongebakken
DK-2765 Smørum



www.hear-it.org
www.oticon.com

