

Ponto Plus sound processors

Instructions for Use



Ponto™ – The Bone Anchored Hearing System

oticon
MEDICAL

Thank you

We would like to take this opportunity to thank you for selecting a Ponto sound processor. Ponto Plus sound processors are intended to be used to improve the hearing for patients with conductive and mixed hearing losses as well as single-sided deafness. It is designed so that it can be optimized for each individual person. This will help ensure you get the maximum benefit from your sound processor.

The Instructions for Use describes how to use your new sound processor.

Please read through this manual carefully to learn how to get the most out of your sound processor. Pay extra attention to warnings, the important information and the instructions for skin hygiene. Discuss any questions or concerns with your hearing center.

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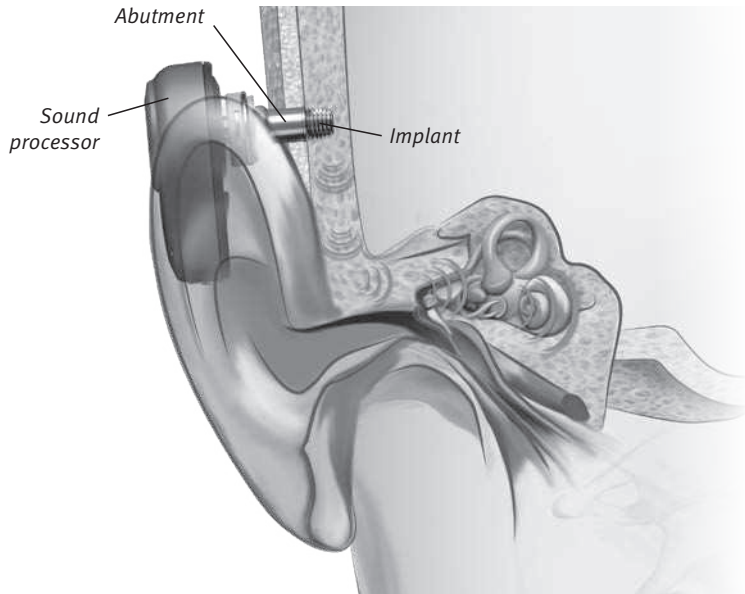
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The Ponto bone anchored hearing system

Your Ponto Plus is designed to help you gain improved hearing through direct bone conduction. The sound processor converts sound into vibrations that are transmitted via the abutment and implant through the skull bone to the inner ear. In this way it works independently of the function of the ear canal and middle ear. Ponto Plus is therefore a possible solution to hearing losses where there is a problem in the outer or middle ear preventing sound from reaching the inner ear.

The sound processor can also pick up sound from one side and transfer it to the inner ear on the opposite side. This makes it suitable for those who are deaf on one side, but have a functioning inner ear on the other side (called unilateral profound sensorineural hearing loss or single-sided deafness).

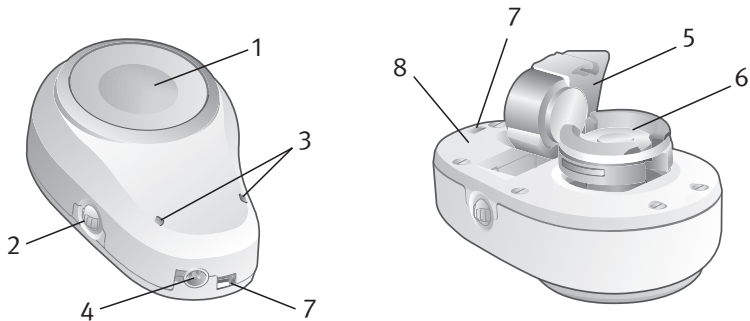
The sound processor can also be used on a soft band for children or for individuals who are unsuitable for implantation.



Instrument view*

1. Push button for programs and stand-by/mute
2. Volume control
3. Microphone inlets
4. Programming socket
5. Battery door (on/off, tamper-resistant)
6. Coupling
7. Hole for safety line
8. Labeling

Right or left version: Ponto Plus sound processors are available in a left and a right hand version. Each sound processor is marked with an L (left) or R (right) on the battery door for easy identification.



**) Picture shows Ponto Plus. Instrument view is identical on Ponto Plus Power.*

⚠ WARNING

The sound processor contains small parts that may be a choking hazard for small children. Batteries can also be harmful if swallowed. Always keep batteries out of reach of small children or people of diminished mental capacity. If a battery is accidentally swallowed, seek medical attention at the nearest emergency department.

Managing the battery

Battery insertion

Open the battery door and insert the battery with the plus-sign facing downwards on the sound processor. It is very important to insert the battery correctly to avoid damaging the battery compartment.

Ponto Plus: Only use high quality zinc-air batteries, type 13.

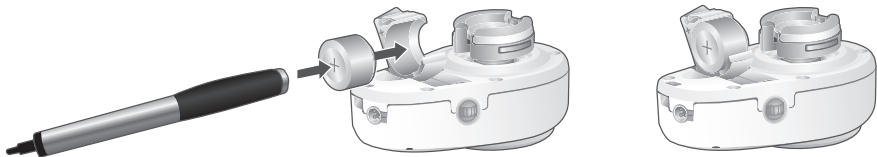
Ponto Plus Power: Only use high quality zinc-air batteries, type 675.

Tamper-resistant battery door

To lock the battery door: Make sure the door is completely closed. Use the screwdriver in the battery removal tool to turn the tamper-resistant screw to locked position.

To unlock the battery door: Use the screwdriver in the battery removal tool to turn the tamper-resistant screw to unlocked position. The battery door can now be opened and closed as usual.





Low battery indicator

Your sound processor has a low battery warning system. When it is time to change the battery you will hear two consecutive beeps. (Please note Ponto Streamer, page 26, also has two beeps as low battery indicator. If wearing a Streamer, the warning is identified by looking at the notification LED on the Streamer.)

When the battery is completely worn out this will be indicated by four consecutive beeps. The battery lifetime depends upon the listening environment. The battery lifetime of Ponto Plus is usually between 80-140 hours and between 80-160 hours for Ponto Plus Power.

Battery removal

After opening the battery door the battery can be removed. The small magnetic battery removal tool delivered with your sound processor may facilitate battery removal and insertion.

Turning it ON and OFF or stand-by

On

Ponto Plus is turned **ON** by closing the battery door. After a start-up jingle there is a few seconds delay before the sound processor is turned on. The delay is designed to avoid a whistling sound while connecting your sound processor to the abutment.

Off

Ponto Plus is turned **OFF** by opening the battery door. It is enough to open the battery door halfway, this prevents the battery from falling out. During longer storage it is recommended to remove the battery from the sound processor.

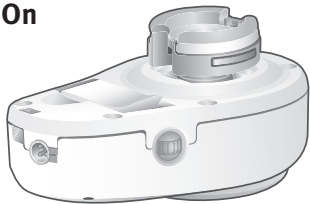
Stand-by/Mute

If you want to turn off the sound processor for shorter periods, press the push button and hold until 2 beeps are presented and then release the button. The sound processor will now be in stand-by/mute mode and the volume will be set to zero.

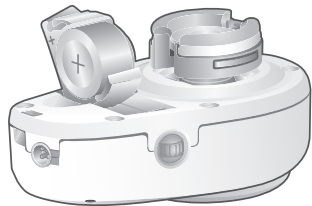
To hear sound again, shortly press and release the push button and the sound processor will resume in its previous setting. It is not recommended to use the stand-by mode during longer periods, i.e. more than 5 hours, since this will reduce the battery lifetime.

Note: The stand-by feature is optional and may sometimes be disabled during the fitting procedure. Talk to your hearing center if you have questions.

On

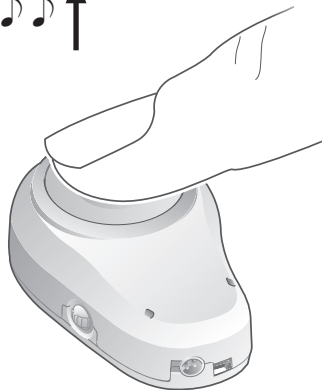


Off



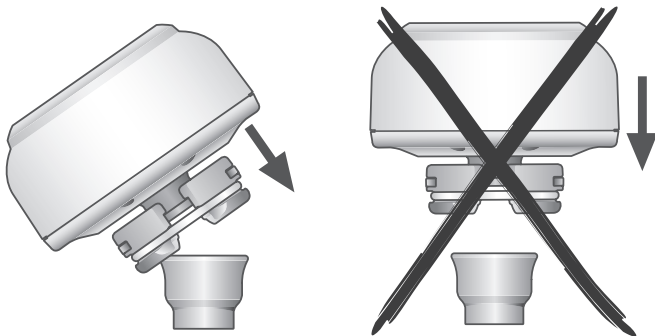
Stand-by/Mute

– Press and hold until
2 beeps are heard



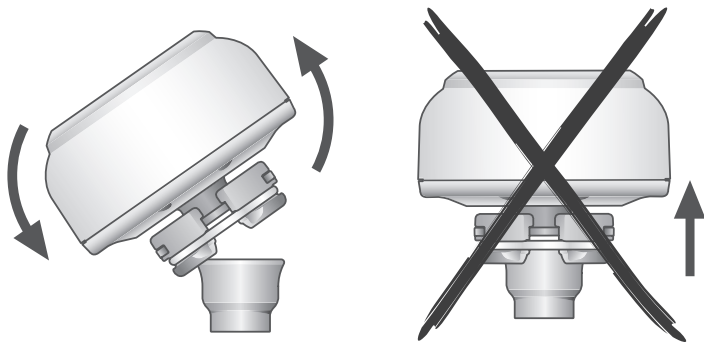
Connection

To safely and comfortably connect the sound processor, tilt it slightly and carefully push it onto the abutment. Please note it is important to keep hair out of the way when the sound processor is connected to the abutment.



Disconnection

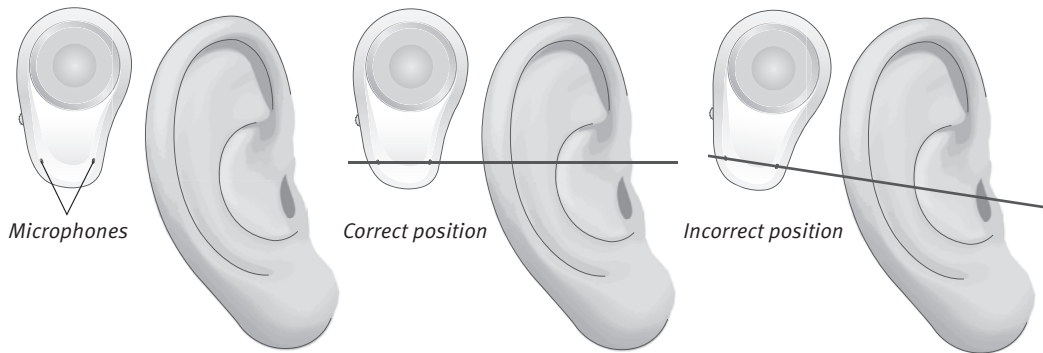
The sound processor is safely and comfortably disconnected by carefully tilting it away from the abutment.



Correct position

To get optimum performance from the directional microphone system, the sound processor should be positioned vertically with the microphones at the bottom and the volume control facing backwards.

Please note it is important that the sound processor does not touch anything, e.g. the ear, skin or a hat. This can cause feedback (a whistling sound).



Volume control

The volume is increased by turning the volume control upwards and decreased by turning it downwards. When the volume control is turned, beeps can be heard to indicate that the volume is being changed. When the maximum or minimum volume has been reached the beeps will cease. Please note it is possible for your hearing care professional to turn off the volume control.

When passing the default start up volume 2 beeps are heard. If you have a Ponto Streamer (page 26) you can use this as a remote control to adjust the volume in the sound processor.



Programs





With the push button you can put your sound processor in stand-by mode or change listening program. By default your sound processor has one program, your hearing care professional can define more.

To change program, simply press and release the push button. The next program will be indicated by a corresponding number of beeps. Please note the sound processor will go into stand-by mode if the push button is held for more than 2 seconds.

If you have a Ponto Streamer you can use it as a remote control change programs in your sound processor.

Change program – briefly press and release the button



Program	Beeps	Description
1		
2		
3		
4		

Ask your hearing center for information on programs to fill out this program chart.

Sound processor maintenance

A dry cloth or baby wipe may be used to clean the outside of the sound processor. Special attention should be given to the coupling to remove any dirt or entangled hair.

Please note no water or liquids should be used when cleaning your sound processor – is not waterproof. If the sound processor accidentally gets wet, open the battery door and let the sound processor dry.

It is important to protect or remove your sound processor during visits to the hairdresser and when applying hair products. You may use the special abutment cover provided with your sound processor to protect your abutment.

The sound processor is programmed to fit you personally and therefore it should not be used by others.

Skin hygiene

Daily cleaning

In order to reduce the risk of skin infections around the abutment, it is important to maintain a good daily cleaning routine.

Before the skin has fully healed, antibacterial soap and non-alcohol baby wipes may be used to clean the area around the abutment.

When healing has progressed, you should start using a cotton swab or a soft brush.

Use the brush on a daily basis, together with soap and water, to gently clean the outside and inside of the abutment.

The brush should be replaced about once every 3 months. Only very soft brushes should be used. If you have two implants, you should use two soft brushes – one for each abutment. Soft brushes, like the one pictured, can be purchased from Oticon Medical. Ask your hearing center for more information.

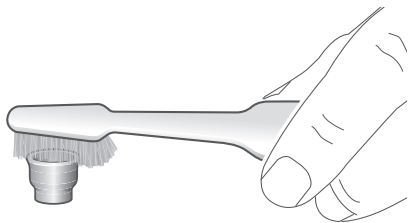


Cleaning every few days

In addition to the daily cleaning routines the skin should be cleaned more thoroughly to remove debris at least twice a week. During hair washing, debris becomes softer and is more easily removed. The cleaning brush should still be used with care.

If you have persistent problems with soreness surrounding the abutment, contact your ear clinic. For children, parents or caregivers are responsible for maintaining good hygiene around the abutment.

Please note it is of great importance to clean both the inside and outside of the abutment. This is important to prevent debris build-up.

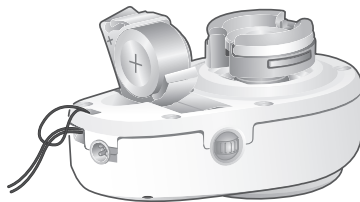


Accessories

Safety line

The safety line is designed to help you avoid dropping your sound processor during for example physical activity or in other situations where there is a great risk that the device may fall off. To avoid dropping your sound processor attach the safety line to the sound processor and the clip to your clothing. We also recommend that you use the safety line at first when you are getting used to wearing the device.

Please make sure the safety line is not pulled, as the sound processor may then become disconnected from the abutment.



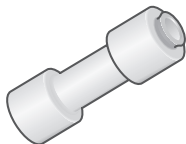
Abutment cover

The abutment cover can be connected to the abutment when the sound processor is not used. This prevents dirt from getting into the abutment and also conceals the abutment.



Test rod

The test rod allows you to listen to the sound processor without connecting it to an abutment. Connect your Ponto Plus to the test rod and press it against your head to listen to the sound processor. This is also useful for demonstrating and testing your sound processor for your friends and family. Please note your hand must not touch the sound processor when holding the rod since this will cause feedback (whistling sound).



Push button stickers

The stickers provide you with the opportunity to adapt the looks of your sound processor. How to apply and remove the sticker:

1. Remove the application film with the chosen sticker connected to it from its sheet.
2. Place it on the push button so it sticks to the push button area. To avoid air bubbles, start in the center and press gently towards the outer edges of the sticker.
3. Gently remove the application film. Your sound processor now has a new look.

Use your fingernail to remove the sticker. Do not use sharp objects as they may damage the sound processor.

Skins

The skin allows you to change the look of your sound processor. Please make sure it is attached properly so that it does not cover the microphone inlets and the volume control can be freely operated. The skins are available in a range of colors. Please ask your hearing center for more information.

Ponto Streamer*

The Ponto Streamer allows you to wirelessly connect your Ponto Plus sound processor to different audio sources and transmit the sound from the source to your sound processor. The Ponto Streamer also acts as a remote control for your sound processor. It is worn around the neck and features three buttons for core applications: phone, TV and microphone.

Ponto Plus sound processors are only compatible with the Ponto Streamer.

**Please note that the Ponto Streamer and products shown on page 26-28 are optional accessories. Please contact your hearing center or visit www.oticonmedical.com/connectline for more information about the Ponto Streamer and its possibilities.*





Cell phone

The Ponto Streamer can be connected to a broad range of cell phones with built-in Bluetooth and thereby transmit cell phone sound wirelessly to the sound processor. This transforms the sound processor into a personal wireless headset. A list of compatible cell phones is available on www.oticonmedical.com/connectline.



Music

Music can be listened to by connecting an MP3 player to the Ponto Streamer by either using a cable or Bluetooth wireless connection.



Tele loop

The Ponto Streamer has a built-in telecoil designed to improve sound quality and speech understanding within rooms that have a telecoil loop installed. Loop facilities are available in many public buildings such as theatres, cinemas, lecture halls, schools and similar locations. The telecoil in the Ponto Streamer picks up the signal from the teleloop and transmits the sound to Ponto Plus.



Remote control

The Ponto Streamer also acts as a remote control for your sound processor and is an easy way to change program or to adjust the volume.



FM

An FM system consists of an FM receiver and a transmitter. The receiver is connected to the Euro pin socket on Ponto Streamer and is used to pick up low power radio signals from the transmitter. FM systems are used for example in schools to support hearing-impaired children. The teacher wears an FM transmitter which sends signals directly to Ponto Plus via the FM receiver and the Ponto Streamer.



TV, landline telephone and microphone

The Ponto Streamer can be combined with different ConnectLine products from Oticon (ConnectLine TV, ConnectLine phone, ConnectLine microphone) offering dedicated solutions for watching TV, using the landline phone and listening to your conversation partner through a microphone.



Service and repair

If your Ponto Plus sound processor does not function properly, contact your hearing center or ear clinic to get it checked:

Contact person at hearing center – name and contact information:

Contact person at ear clinic – name and contact information:

Common problems and their possible solutions

Symptom	Possible causes
No sound	Worn-out battery
	Sound processor is in stand-by (mute)
Intermittent or reduced sound	Dirt in the coupling or sound inlet
	Moisture
	Worn-out battery
Whistling noise	Sound processor is touching something

Solutions	
Change battery	pg. 8-9
Press push button	pg. 10-11
Clean the sound processor	pg. 20
Open the battery door and let the sound processor dry out in its case	pg. 20
Change battery	pg. 8-9
Check that the sound processor is correctly connected and is not touching anything	pg. 12-15

If none of the above solutions solves the problem, please contact your hearing center for assistance.

Manufacturer's warranty

Oticon Medical sound processors 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 batteries.

Problems arising from improper handling or care, excessive use, accidents, repairs carried out by an unauthorized party, exposure to corrosive conditions, 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 the 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 have any comments or suggestions related to the Oticon Medical bone anchored hearing system, please use the e-mail address on the back of the manual to contact us.

Important information

- It is important to follow the skin hygiene guidelines, please contact your ear clinic if you have questions or concerns.
- Always keep your sound processor in its box when it is not being worn so that it is protected from dust and dirt. If you are using a skin, please make sure you remove the skin before putting the sound processor in its box.
- Whenever the sound processor is not in use, ensure it is switched off by opening the battery door. The battery door should be left open so that any moisture in the sound processor is allowed to evaporate.
- If you are not wearing the Ponto Streamer when using a telephone, please hold the receiver of the telephone close to the sound processor. To avoid feedback (a whistling sound), make sure the telephone does not touch the sound processor. (For more information on the possibilities of the Ponto Streamer, see page 26-28).

- To avoid setting off metal detectors when travelling, your sound processor can be removed before passing through the security controls.



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

Warnings

- The sound processor, batteries, parts and accessories 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. The sound processor contains small parts that may be a choking hazard for small children.
- If you drop the sound processor, make sure the shell is not cracked or any parts of the sound processor have broken. If you find something wrong with your sound processor please contact Oticon Medical.
- Never dispose of your sound processor, its parts or batteries by burning them. There is a risk that they will explode and cause serious injury.
- The sound processor is not waterproof. Always disconnect the sound processor before showering or bathing/swimming. If the sound processor accidentally gets wet, open the battery door and take out the battery to let the sound processor dry.
- Avoid exposing the sound processor to extreme heat.

- Portable and mobile RF (radio frequency) communications equipment can affect the performance of your sound processor.
- If you need to undergo MRI (Magnetic Resonance Imaging) the sound processor must be disconnected. The implant and the abutment can remain in place. When scheduling and visiting the location of your MRI be sure to inform the doctor or technician that you have a bone anchored system (for children and mentally disabled this responsibility falls under the care-giver).

Battery use

- Always use the batteries recommended in this manual. Batteries of low quality may leak and cause bodily harm.
- Batteries can be harmful if swallowed. Always keep batteries out of reach of small children or people of diminished mental capacity. If a battery is accidentally swallowed, seek medical attention at the nearest emergency department.

Dysfunction in sound processors

- The sound processor may stop functioning, for instance if the batteries are worn out. You should be aware of this possibility, in particular when you are in traffic or otherwise dependent on warning sounds.

Possible side effects

- The otherwise non-allergenic materials used in sound processors may in rare cases cause a skin irritation. Consult a doctor if you experience any side effects.

For USA only: Federal law restricts this device to sale by or on the order of a medical practitioner.

A prospective user of a bone anchored sound processor should always have a medical evaluation by a licensed physician to ensure that all medically treatable conditions that may affect hearing are identified and treated before a sound processor is purchased.

CE 0413

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M51767INT / 2015.05

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