iSense

# iSense Micro

User Guide

CE 0459

PHONAK
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# Welcome

iSense Micro is an ingenious new FM (wireless) receiver specifically developed for people who have difficulty understanding speech in complex listening situations.

iSense Micro's unique design offers a variety of benefits:

- This micro style receiver is light weight and therefore highly comfortable to wear
- Its sleek cutting edge design is modern and attractive
- Available in a choice of colors to suit your personal style

Please read this manual carefully to make sure you benefit from all of iSense Micro's features.

For detailed information on using your FM transmitter, which is part of your overall FM solution, please refer to the appropriate FM transmitter User Guide (also see www.phonak.com).

iSense is a quality product developed by the Swiss company Phonak, the world leader in FM technology, innovation and reliability. With proper care and usage, your iSense will support your hearing and communication needs for many years.

**Phonak – life is on!**

## Online resources

To learn more about iSense and Phonak's other FM products, we recommend visiting the following websites:

- **www.eSchoolDesk.com**
  This website was designed first and foremost to support teachers, however it is also useful for parents and FM users. It includes numerous short movies that explain how various product features and functions work. There are also special sections on FM system care, maintenance and trouble-shooting to help users live comfortably with their devices.
- **www.phonak.com**
  This is the Phonak website. Go to the Consumer/ Product section and then click FM Systems to find information on our full range of transmitters and receivers.
- **www.iSense.phonak.com**
  This is the iSense homepage. Here you'll find information about iSense products, detailed user testimonials and much more.
- **www.FMeLibrary.com**
  This is an online scientific library all about FM systems. Here you can find FM-related papers and reports from all over the world.

# iSense Micro package

iSense Micro is delivered in a complete package that includes ear wax filters and a retention piece.
To operate the system, a 312 battery is also required.

**iSense Micro**

**Replacement ear wax filters**

**312 battery**

# Important iSense Micro numbers

**Operating time:**

- Operating time in active mode until the battery is empty and needs to be replaced:
  ▷ approx. 40-50 hours

**Battery type:**

- 312 (color code: brown)

**Operating range:**

- Inside a building:
  ▷ approx. 50 feet (15 meters)

- Outside
  ▷ approx. 130–170 feet (40–50 meters)

High powered electronic equipment, large electronic installations and metallic structures may impair and significantly reduce the iSense's operating range.

**Acoustical warning signals:**

- Replace ear wax filter (see also page 19)
  Beep – Beep – Beep...
  Beep – Beep – Beep...
  Three beeps every five seconds

- Replace battery (see also page 11)
  Beeeep – Beeeep – Beeeep
  Three long beeps.

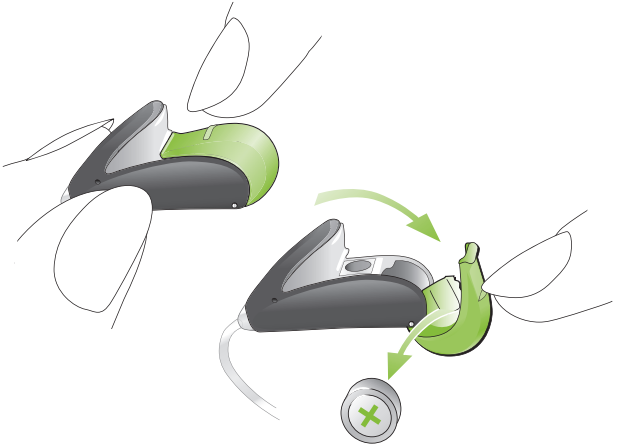
# Instrument description

① iSense Micro housing
② ON/OFF switch and battery compartment (312 battery)
③ Retention piece
④ Flex
⑤ Ear wax filter

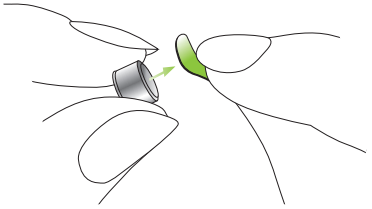
**The battery compartment of the iSense Micro does not feature a child-proof lock!**

**Inserting the battery**

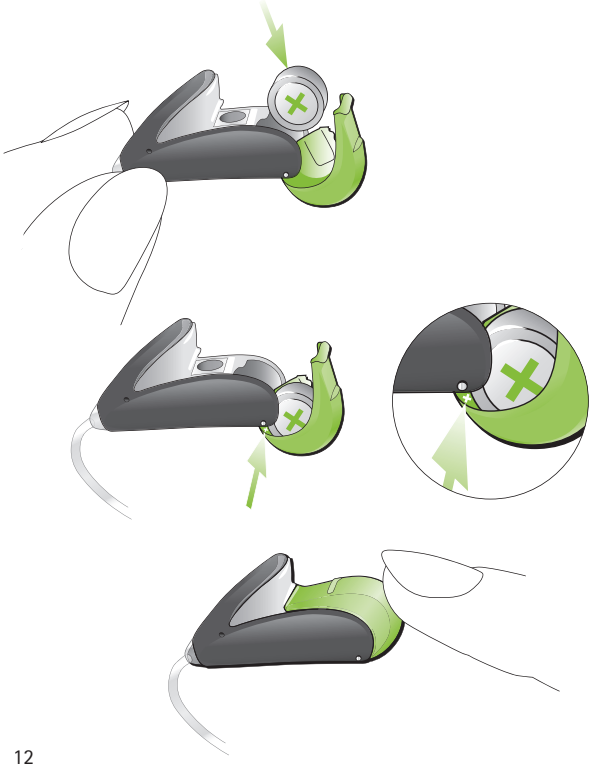
Using the nail grip, open the battery compartment completely and remove the old battery.



Remove the protective foil from the new battery. Wait for at least 30 seconds before inserting it.



Insert the new battery with the **"+"** sign (flat side of the battery) in line with the **"+"** marked on the battery compartment and close it.



- **Handle the battery compartment with care and do not use excessive force.**
- **If there is any resistance when shutting the compartment, ensure that the battery is inserted correctly. The compartment may not close properly if the battery is upside down and the instrument will not work.**
- **When your iSense Micro is not in use, leave the battery compartment open to allow any moisture to evaporate.**
- **We recommend you only use batteries which your iSense Micro specialist approves and sells.**

### Low battery warning

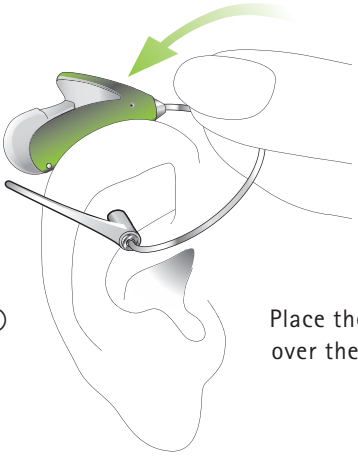
An acoustic signal gives you an early warning that the battery is approaching exhaustion.

## Fitting the iSense Micro in the ear

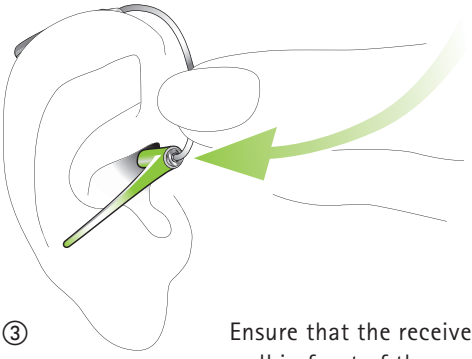
① Make sure the iSense Micro's retention piece is attached and bent. ①

**Never use the iSense Micro without its retention piece!**

**Example:** iSense Micro bent for the right ear



② Place the iSense Micro over the top of your ear.

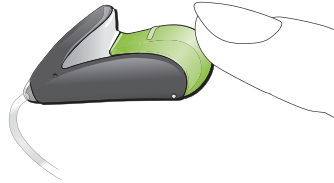


③ Ensure that the receiver is placed well in front of the ear canal.

④ Use the transparent retention to fix the receiver in the concha (the inner part of the visible ear).

## Switching ON

Close the battery compartment by pressing on the base of the instrument.



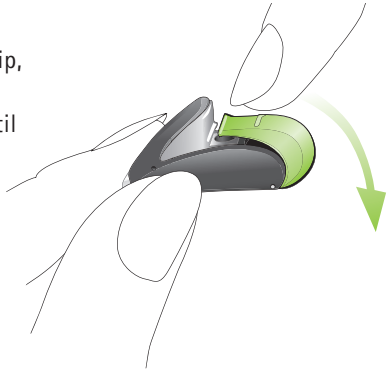
Proceed as follow:

1. Insert a new 312 battery (see page 11) and fit the iSense Micro in the ear (see page 14)
2. Switch ON the iSense Micro
3. Switch ON the related FM transmitter (e. g. inspiro)

iSense will carry out an automatic self check after being switched ON. A warning tone will sound if the ear wax filter is blocked and should be replaced (see page 18).

## Switching OFF

Using the nail grip, slightly open the battery cover until it snaps into its OFF position.



# Ear wax detection

The iSense Micro's ear wax detection feature sounds a warning tone if the ear wax filter is blocked.

- This ear wax check is automatically carried out when the iSense Micro is switched ON. The device generates a beep sound to help it detect ear wax – this beep may be heard by the user.

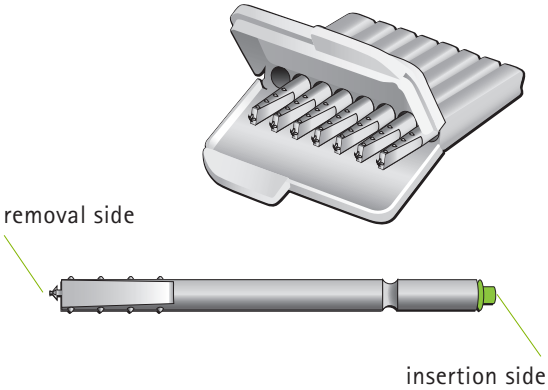
- If the wax filter is blocked and needs to be replaced, the following sounds will be heard:
  Beep – Beep – Beep...
  Beep – Beep – Beep...
  Three beeps every five seconds.

These ear wax detection beeps will be sounded automatically every hour.

If Phonak's inspiro FM transmitter is being used, this ear wax detection warning will also be activated by the inspiro's Monitoring feature. The result of the ear wax detection test will also be displayed on the inspiro's LCD. Check the inspiro User Guide for detailed information on how to use the Monitoring feature.

# Replacing the ear wax filter

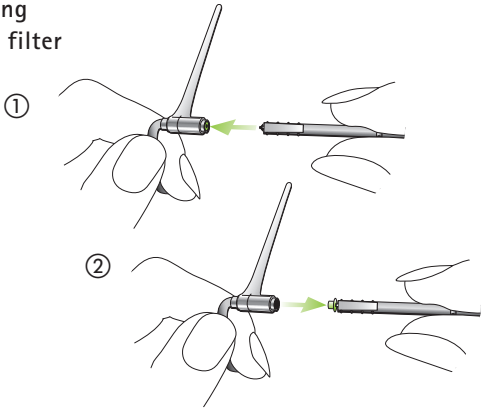
The iSense ear wax filter is a replaceable part that protects the receiver from the build up of wax. From time to time the wax filter should be replaced.
For the best results, change the ear wax filter when recommended by your hearing care professional.



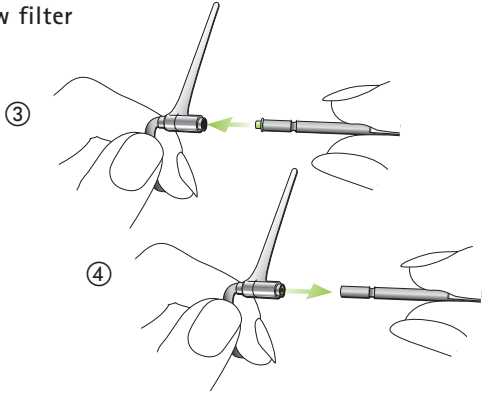

Use only the supplied handling tools when changing the ear wax filter.

These handling tools are designed for single use only; please dispose of them after use.

**Removing the old filter**




**Inserting the new filter**



# Important information

Do not use your inspiro or any other FM transmitter in a place where it is prohibited to use electronic devices, e. g. on airplanes or in hospitals. If in doubt, please ask the person in charge.

Persons with pacemakers or other medical devices should ALWAYS consult their physician, the manufacturer of their pacemaker, or other medical device BEFORE using inspiro or any other FM transmitter. The use of inspiro or any other FM transmitter with a pacemaker or other medical devices should ALWAYS be in accordance with the safety recommendations of the physician responsible for your pacemaker or the pacemaker manufacturer.

Please note that radio signals might also be picked up and overheard by other receivers.

- Do not use water or other liquids to clean the iSense.
- Only use original Phonak accessories.
- Never use iSense Micro without its retention piece.
- Zinc-Air batteries are toxic if swallowed. Keep them out of reach of children. If batteries are swallowed, seek the advice of a medical practitioner immediately.

# Service and warranty

Phonak provides a manufacturer's limited warranty for your iSense Micro. This covers all manufacturing and material defects. Problems with iSense Micro arising from improper handling or care and repairs made by an unauthorized party are not covered by the warranty. Please ask at the point of sale for full details of this warranty. The salesperson will note the serial number of your iSense Micro below. It will be needed in the event of a warranty repair.

Left iSense Micro serial number:

Right iSense Micro serial number:

Date of purchase:

# Declaration of conformity

Hereby, Phonak Communications AG, declares that the iSense Micro is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC and Directive 93/42/EEC. To obtain a copy of the Declaration of conformity, please contact the local Phonak AG representative whose address can be taken from the list of Phonak distributors worldwide.

This device complies with part 15 and part 95 of the FCC rules and with RSS 210 of Industry Canada. Operation is subject to the following two conditions: (1) This device does not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

⚠ **Warning: Changes or modifications made to this equipment not expressly approved by Phonak may void the user's authority to operate the equipment.**

CE
XXXX

The CE symbol is a confirmation by Phonak AG that this Phonak product meets the requirements of Directive 93/42/EEC on medical devices and the R&TTE Directive 1999/5/EC on Radio and Telecommunication Terminal Equipment.
The numbers after the CE symbol are the numbers of consulted certified bodies under the above mentioned directives.

This symbol indicates that it is important that the user refers to associated warnings given in this user guide.

The symbol with the crossed out disposal bin indicates that this product shall not be treated as household waste. Please hand over your old or unused product to the applicable collection point for the recycling of electrical and electronic equipment or bring your old product to your hearing care professional for appropriate disposal. By ensuring this product is disposed of correctly, you will help prevent potential negative effects on the environment and human health.

**Operating conditions**

This product has been designed for trouble-free operation without restrictions when used as intended, unless otherwise stated in this user guide.

**Transportation and storage conditions**

Temperature should not exceed limits of –20°/60° Celsius at a relative air humidity of 65% for extended periods during transportation and storage.
Air pressure between 500 and 1100 hPa is not detrimental to this device.

# Notes

**Manufacturer:**
Phonak Communications AG
Laenggasse 17
CH-3280 Murten
Switzerland

**www.phonak.com**

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