

# Phonak Audéo™ M

## User Guide



Phonak Audéo M-R/RT

Phonak Audéo M-R/RT Trial



A Sonova brand

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This user guide is valid for:

## **Wireless hearing aids**



Phonak Audéo M90-R	2018
Phonak Audéo M90-RT	2018
Phonak Audéo M70-R	2018
Phonak Audéo M70-RT	2018
Phonak Audéo M50-R	2018
Phonak Audéo M50-RT	2018
Phonak Audéo M30-R	2018
Phonak Audéo M30-RT	2018
Phonak Audéo M-R Trial	2018
Phonak Audéo M-RT Trial	2018

## **Non wireless charging accessories**



Phonak Charger Case Combi	2018
Phonak Power Pack	2016
Phonak Mini Charger Case	2018



# Your hearing aid & charger details

- ❶ If no box is checked and you do not know the model of your hearing aid or charging accessories, please ask your hearing care professional.
- ❶ The hearing aids described in this user guide contain a built-in and non-removable rechargeable lithium-ion battery.
- ❶ Please also read safety information regarding handling rechargeable hearing aids (chapter 22).

## Hearing aid models

- ☐ Audéo M-R (M90/M70/M50/M30)
- ☐ Audéo M-RT (M90/M70/M50/M30)
- ☐ Audéo M-R Trial
- ☐ Audéo M-RT Trial

## Earpieces

- ☐ Dome
- ☐ SlimTip
- ☐ cShell

## Charging accessories

- ☐ Charger Case Combi incl. power supply and USB cable (< 3 m)
- ☐ Power Pack
- ☐ Mini Charger Case incl. power supply and USB cable (< 3 m)



Your hearing aids and chargers have been developed by Phonak – the world leader in hearing solutions based in Zurich, Switzerland.

These premium products are the result of decades of research and expertise and are designed to keep you connected to the beauty of sound! We thank you for making such a great choice and wish you many years of listening pleasure.

Please read the user guide carefully to make sure that you understand and get the best out of your hearing aids. For more information about features and benefits, simply contact your hearing care professional.

Phonak - life is on  
[www.phonak.com](http://www.phonak.com)

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## **Using the hearing aid**

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## **Further information**

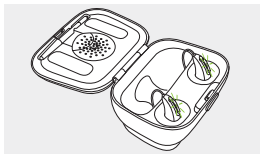
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# 1. Quick guide

## Charging your hearing aids

- i** Before using your hearing aid for the first time, it is recommended to charge it for 3 hours.

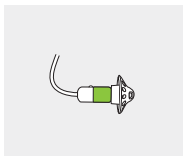
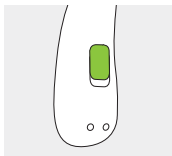
After placing your hearing aid in the charger, the indicator light will show the charging state of the battery until the hearing aid is fully charged. When fully charged the indicator light will be constantly on, i.e. solid green light.



## Left & right hearing aid markings

Blue marking for  
**left hearing aid.**

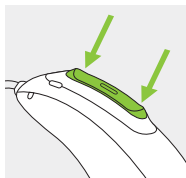
Red marking for  
**right hearing aid.**





## Multi-function button with indicator light

The button has several functions. It functions as an on/off switch, a volume control and/or a program change depending on the hearing aid programming. This is indicated in your individual instructions. If paired with a Bluetooth® enabled phone, a short press will accept and a long press will reject an incoming call.

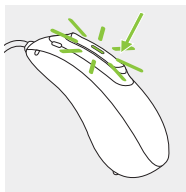


### On/Off

Firmly press the lower part of the button for 3 seconds until the indicator light blinks.

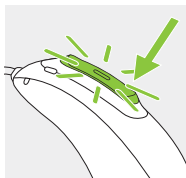
On: indicator light is solid green

Off: indicator light is solid red



### Enter flight mode

When device is off, press the lower part of the button for 7 seconds until the solid orange light appears. Then release the button.

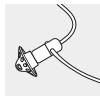


## 2. Parts of the hearing aid & charger

The following pictures show the hearing aid model and charger accessories described in this user guide. You can identify your personal models by:

- checking "Your hearing aid & charger details" on page 3.
- comparing your hearing aid and charger with the following models.

### Possible eartypes



Dome



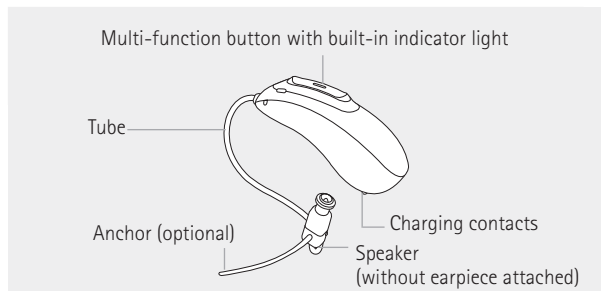
SlimTip



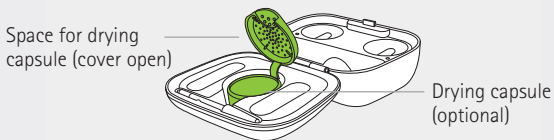
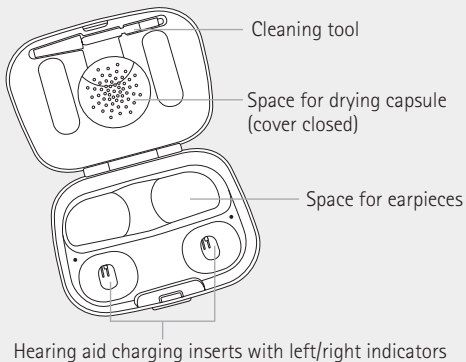
cShell

### Audéo M-R/RT

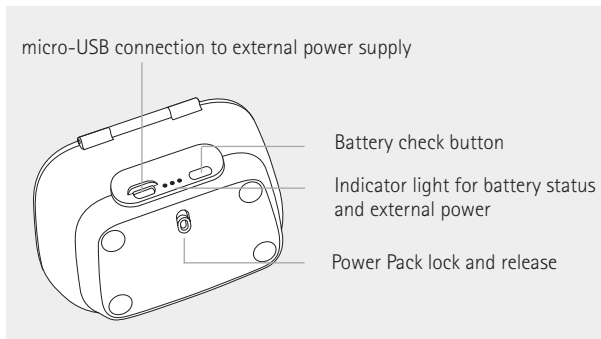
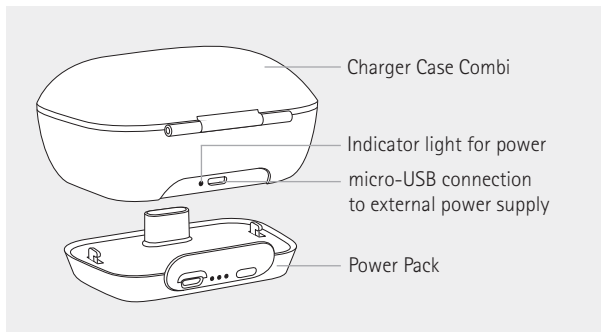
### Audéo M-R/RT Trial



## Charger Case Combi



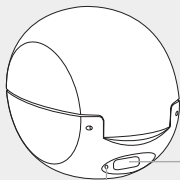
## Charger Case Combi with optional Power Pack



## Mini Charger Case



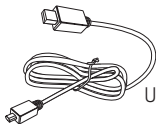
Hearing aid charging inserts  
with left/right indicators



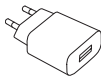
USB-C connection  
to external power supply

Indicator light for power

## External power supply



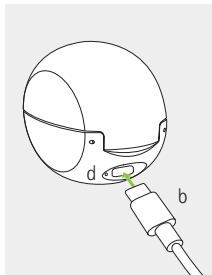
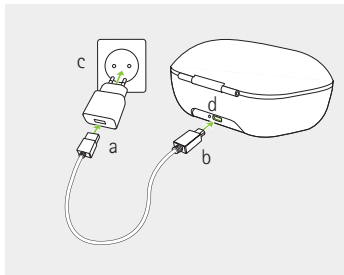
USB cable (< 3 m)



Power supply

### 3. Preparing the charger

#### Connecting the power supply



- a) Plug the larger end of the charging cable into the power supply.
- b) Plug the smaller end into the USB port on the charger.
- c) Plug the power supply into a power outlet.
- d) The indicator light is green when the charger is connected to the power supply.

#### Power supply specification

Power supply output voltage	5 VDC +/-10%, current 1 A
Charger input voltage	5 VDC +/-10%, current 1 A
USB cable specifications	5 V min. 1 A, USB-A to USB-C, maximum length 3 m

## 4. Charging the hearing aids

- ① Low power: You will hear two beeps when the battery is low. You will have approximately 60 minutes before you have to charge the hearing aids (this can vary, depending on the hearing aid settings).
- ① The hearing aid contains a built-in and non-removable rechargeable lithium-ion battery.
- ① Before using your hearing aid for the first time, it is recommended to charge it for 3 hours.
- ① The hearing aid must be dry before charging, see chapter 16.
- ① Please ensure to charge and use the hearing aid within operating temperature range: +5° to +40° Celsius (41° to 104° Fahrenheit).

## 4.1 Using the Charger Case Combi or Mini Charger Case

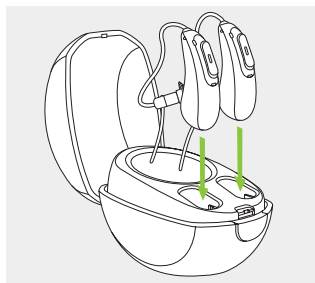
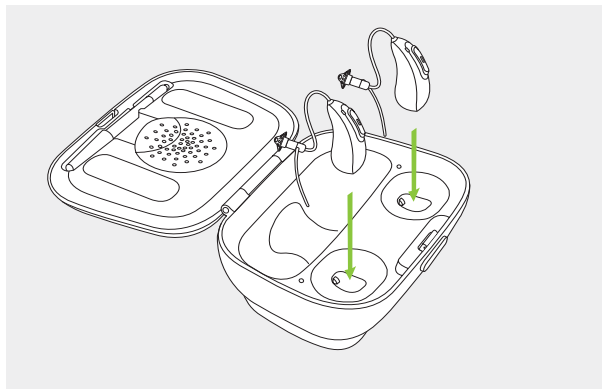
Please refer to chapter 3 for how to set up the charger.

1

Insert the hearing aid into the charging inserts.

Make sure the left and right hearing aid markings match the left (blue), right (red) indicators next to the charging inserts. The hearing aids will automatically be muted when inserted into the charger.









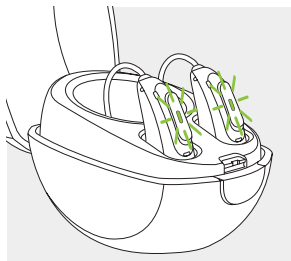
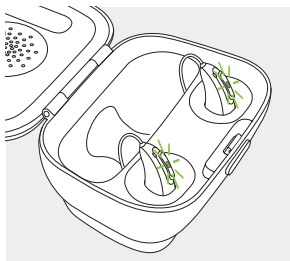
## 2

The indicator light will show the charging state of the battery until the hearing aid is fully charged. When fully charged the indicator light will remain on, i.e. solid green light.

The charging process will automatically stop when the batteries are fully charged, so the hearing aids can be safely left in the charger. It can take up to 3 hours to charge the hearing aids. The charger covers can be closed while charging.

### Charging times

Indicator light	Charging state	Approx. charging times
	0 – 10%	
	11 – 80%	30 min (30%) 60 min (50%) 90 min (80%)
	81 – 99%	
	100%	3 h



### 3

Remove the hearing aids from the charging inserts by

1. pulling the hearing aids gently toward yourself and
2. lifting them out of the charger.

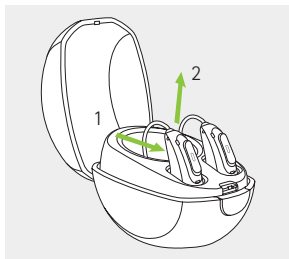
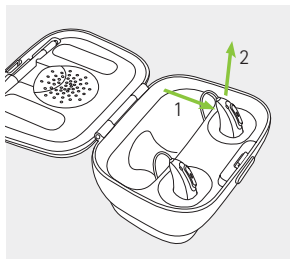
**i** Do not hold the tubes to remove the hearing aids from the charger as this can damage the tubes.

The hearing aid switches on automatically when removed from the charger. The indicator light starts blinking.

The solid green light indicates the hearing aid is ready.

If you unplug the charger while the hearing aid is charging inside, please make sure to turn off the hearing aid to prevent discharge.

**i** Turn off your hearing aid before inserting it in the disconnected charger to store it.

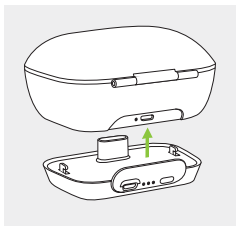


## 4.2 Using the optional Power Pack

**Note:** The Power Pack is only compatible with the Charger Case Combi.

1

Attach the Power Pack to the bottom of the Charger Case Combi and lock it.

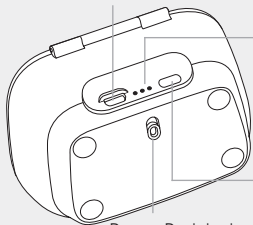


2

Plug in the micro-USB and connect to an external power supply. The Power Pack and hearing aids will be charged at the same time. While connected to an external power supply, the Power Pack indicator light will show the current battery charge status of the Power Pack.

- ❶ Before using Power Pack for the first time, it is recommended to charge it for 3 hours.
- ❶ The Power Pack contains a built-in and non-removable rechargeable lithium-ion battery.

micro-USB connection to external power source



Indicator light battery status:

- 0%-29%
- 30%-59%
- 60%-100%

Battery check push button

Power Pack lock and release

3

To check the remaining battery capacity of the Power Pack, press the battery check push button. The indicator lights will show the status.

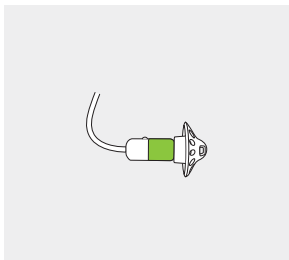
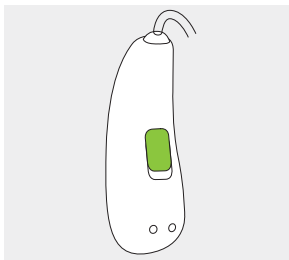
- i** Please ensure to charge the Power Pack within operating temperature range: +5° to +40° Celsius (41° to 104° Fahrenheit)

## 5. Left & right hearing aid markings

There is a red or blue marking on the back of the hearing aid and on the speaker. This will tell you if it is a left or a right hearing aid.

Blue marking  
for **left hearing aid**.

Red marking  
for **right hearing aid**.

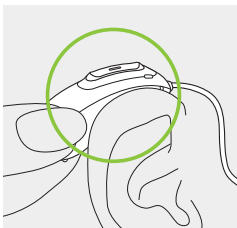




## 6. Putting on the hearing aid

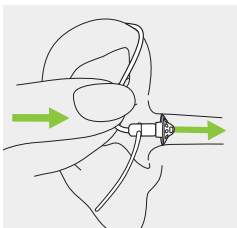
1

Place the hearing aid behind your ear.



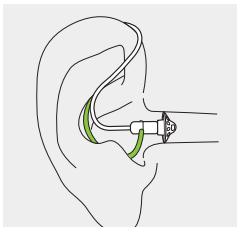
2

Insert the earpiece into your ear canal.



3

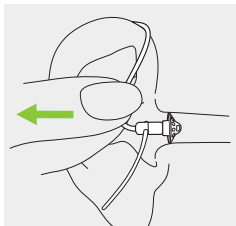
If there is an anchor attached to the earpiece, tuck it into the bowl of your ear to secure your hearing aid.



## 7. Removing the hearing aid

1

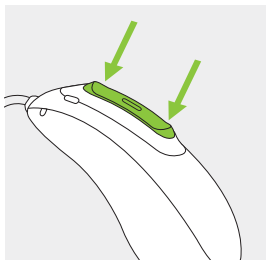
Pull on the bend of the tube and remove the hearing aid from behind the ear.



## 8. Multi-function button

The multi-function button has several functions.

It functions as an on/off switch, a volume control and/or a program change depending on the hearing aid programming. This is indicated in your individual "Hearing aid instructions". Please ask your hearing care professional for a printout.

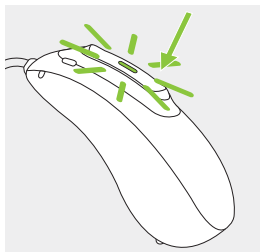


If the hearing aid is paired with a Bluetooth® enabled phone, a short press on the upper or the lower part of the button will accept an incoming call and a long press will reject an incoming call – refer to chapter 12.

## 9. On/Off

### Switch on hearing aid

The hearing aid is configured to switch on automatically when removed from the charger. If this function is not configured, firmly press and hold the lower part of the button for 3 seconds until the indicator light blinks. Wait until the solid green light indicates the hearing aid is ready.



### Switch off hearing aid

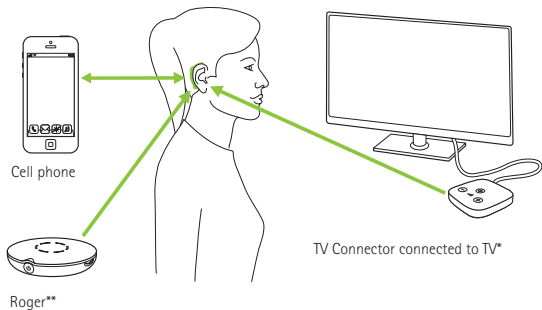
Press and hold the lower part of button for 3 seconds until the solid red light indicates the hearing is off.

	Blinking green	Hearing aid is switching on
	Solid red for 2 seconds	Hearing aid is switching off

**i** When you switch on the hearing aid you might hear a start-up melody.

## 10. Connectivity overview

The illustration below shows the connectivity options available for your hearing aid.



\* The TV Connector can be connected to any audio source such as a TV, PC or hi-fi system.

\*\* Roger wireless microphones can be connected to your hearing aids as well.

# 11. Initial pairing

## 11.1 Initial pairing to a Bluetooth® enabled device

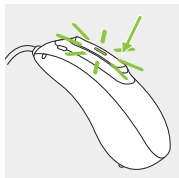
- i** It is only necessary to perform the pairing procedure once with each device featuring Bluetooth wireless technology. After the initial pairing, your hearing aids will connect automatically to the device. This can take up to 2 minutes.

1

On your device (e.g. a phone), ensure that Bluetooth wireless technology is enabled and search for Bluetooth enabled devices in the connectivity setting menu.

2

Switch on both hearing aids. You now have 3 minutes to pair your hearing aids with your device.



3

Your device shows a list of Bluetooth enabled devices. Select the hearing aid from the list to simultaneously pair both hearing aids. A beep confirms successful pairing.

- ① For more information about pairing instructions for Bluetooth wireless technology, specific to some of the most popular phone manufacturers, go to: <https://marvel-support.phonak.com>

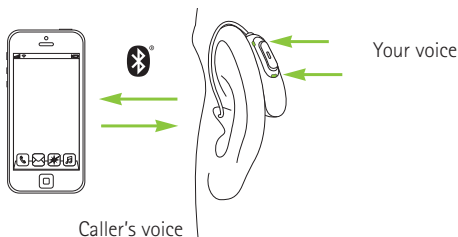
## 11.2 Connecting to the device

After your hearing aids have been paired to your device, they will automatically connect again when switched on.

- ① The connection will be maintained as long as the device remains ON and within range.
- ① Your hearing aids can be paired to up to two devices.

## 12. Phone calls

Your hearing aids connect directly with Bluetooth® enabled phones. When paired and connected to your phone, you will hear the caller's voice directly in your hearing aids. Your hearing aids pick up your voice through its own microphones.



Bluetooth® is a registered trademark owned by the Bluetooth SIG, Inc.



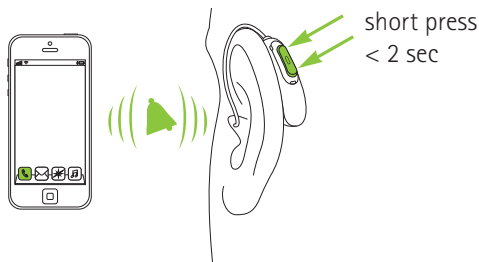
## 12.1 Making a call

Enter the phone number and press the dial button. You will hear the dialing tone through your hearing aids. Your hearing aids pick up your voice through its own microphones.

## 12.2 Accepting a call

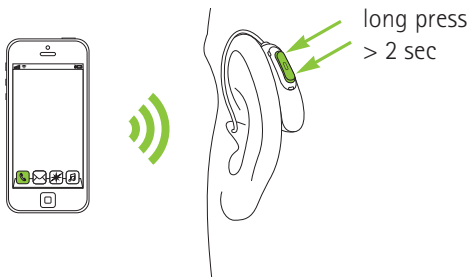
When receiving a call, a calling notification will be heard in the hearing aids.

The call can be accepted by a short press on the upper or lower part of the multi-function button on the hearing aid (less than 2 seconds) or directly on your phone.



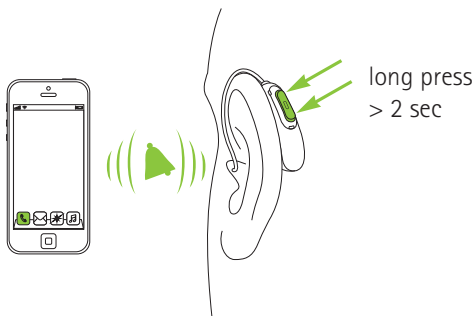
## 12.3 Ending a call

A call can be ended by a long press on the upper or lower part of the multi-function button on the hearing aid (more than 2 seconds) or directly on your phone.



## 12.4 Rejecting a call

An incoming call can be rejected by a long press on the upper or lower part of the multi-function button on the hearing aid (more than 2 seconds) or directly on your phone.






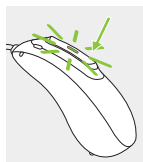
## 13. Flight mode

Your hearing aids operate between 2.4 GHz–2.48 GHz frequency range. When flying some operators require all devices to be switched into flight mode. Entering flight mode will not disable normal hearing aid functionality, only the Bluetooth connectivity functions.

### 13.1 Enter flight mode

To disable the wireless function and enter flight mode in each hearing aid:

1.		<p>If the hearing aid is turned off, proceed to Step 2.</p> <p>If the hearing aid is on, turn it off by pressing and holding the lower part of the button for 3 seconds, until the indicator light turns solid red for 2 seconds, signifying that the hearing aid is switching off.</p>
2.		<p>Press and hold the lower part of the button. The green indicator light blinks when the hearing aid starts up.</p>
3.		<p>Keep pressing the button for 7 seconds, until the indicator light is solid orange, then release the button.</p> <p>The solid orange light indicates the hearing aid is in flight mode.</p>

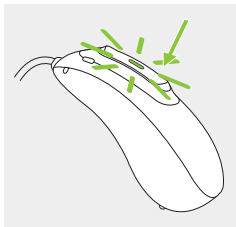


In flight mode, your hearing aid cannot connect directly to your phone.

## 13.2 Exit flight mode

To enable the wireless function and exit flight mode in each hearing aid:

Switch the hearing aid off and then on again - refer to chapter 9.



## 14. Rebooting your hearing aid

Use this technique if your hearing aid is in an error state. This will not remove or delete any program or settings.

1

Press the lower part of the button for at least 15 seconds. It does not matter if the hearing aid is switched on or off before you start pressing the button. There is no light or acoustic notification at the end of the 15 seconds.

2

Place the hearing aid in the power-connected charger and wait until the indicator light blinks green. This can take up to 30 seconds. The hearing aid is now ready to use.

## 15. Operating conditions

The product is designed such that it functions without problems or restrictions if used as intended, unless otherwise noted in these user guides.

Please ensure to charge the hearing aid and Power Pack within operating temperature range: +5° to +40° Celsius (41° to 104° Fahrenheit ) and atmospheric pressure range: 800 hPa to 1060 hPa.

Audéo M-R/RT are classified IP68 (depth of 1 meter for 60 minutes) and designed to be used in all daily life situations. Therefore you do not have to worry about getting the hearing aids exposed to a rain shower or sweat. However, Audéo M-R/RT is not intended to be used in water activities that includes chlorinated water, soap, salt water or other liquids with a chemical content.

Humidity during operation for the Charger Case Combi, Mini Charger Case and Power Pack: 0% to 85% (non condensing).



## 16. Care and maintenance

Diligent and routine care of your hearing aid and chargers contribute to outstanding performance and a long service life. To ensure a long service life, Sonova AG provides a minimum of a five year service period after phase out of the respective hearing aid.

Please use the following specifications as a guideline. Further information regarding product safety, see chapter 22.2.

## General information

Before using hair spray or applying cosmetics, you should remove your hearing aid from your ear, because these products may damage it.

Your hearing aids are resistant to water, sweat and dust under the following conditions:

- After exposure to water, sweat or dust, the hearing aid is cleaned and dried.
- The hearing aid is used and maintained as described in this user guide.



Always make sure that the hearing aids and charger are dry and clean before charging.

## Daily

**Hearing aid:** Inspect the earpiece for earwax and moisture deposits. Clean the surfaces with a lint-free cloth or use the small brush provided in the Charger Case Combi. Never use cleaning agents such as household detergents, soap, etc. for cleaning your hearing aid. It is not recommended to rinse with water. If you need to clean your hearing aid intensively, ask your hearing care professional for advice and information on filters or drying capsules.

**Chargers:** Make sure that charger inserts are clean. Never use cleaning agents such as household detergents, soap, etc. for cleaning your charger.

## Weekly

**Hearing aid:** Clean the earpiece with a soft, damp cloth or with a special cleaning cloth for hearing aids. For more in-depth maintenance instructions or for more than basic cleaning, please see your hearing care professional. Clean the charging contacts on the hearing aid with a soft, damp cloth.

**Chargers:** Remove dust or dirt from the charger inserts.



Always make sure that the charger is disconnected from the power mains before cleaning.

## 17. Exchanging the earwax protection

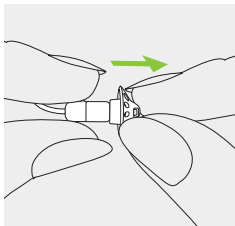
Your hearing aid is equipped with an earwax protection to protect the speaker from earwax damage.

Please check the earwax protector regularly and exchange it if it looks dirty or if the hearing aid volume or sound quality is reduced. The earwax protection should be replaced every four to eight weeks.

### 17.1 Removing the earpiece from the speaker

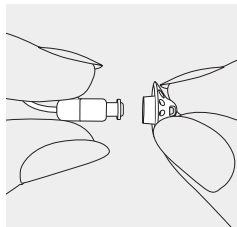
1

Remove the earpiece from the speaker by holding the speaker in one hand and the earpiece in the other.



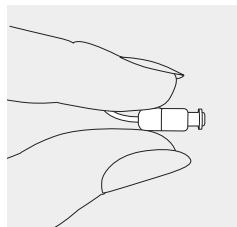
2

Gently pull off the earpiece to remove.



3

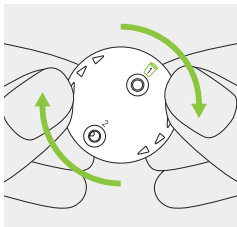
Clean the speaker with a lint-free cloth.



## 17.2 Exchanging the earwax protection with CeruShield™ Disk

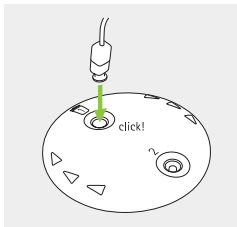
1

Gently rotate the CeruShield Disk in the direction indicated by the arrows until a free opening appears under the bin icon.



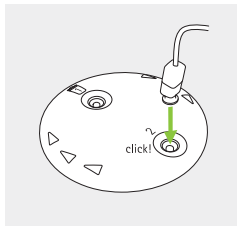
2

To remove a used earwax protector carefully insert the speaker into the free opening (under bin icon) until it clicks. After the click you will see the removed earwax protector in the opening below the bin icon.



3

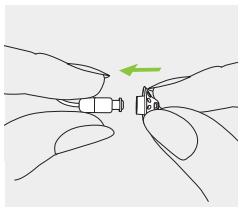
To insert a new earwax protector carefully insert the speaker into the opening where the new earwax protector is visible (opposite the bin icon) until it clicks. After the click you will see the opening below is empty and the new earwax protector sits in the speaker.



## 17.3 Attaching the earpiece to the speaker

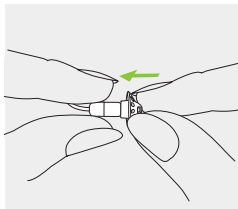
1

Hold the speaker in one hand and the earpiece in the other.



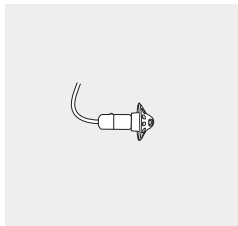
2

Slide the earpiece over the speaker sound outlet.



3

The speaker and the earpiece should fit perfectly together.







## 18. Service and warranty

### **Local warranty**

Please ask the hearing care professional where you purchased your hearing aids and chargers about the terms of the local warranty.

### **International warranty**

Sonova AG offers a one year limited international warranty, valid from the date of purchase. This limited warranty covers manufacturing and material defects in the hearing aid and chargers respectively, but not accessories such as tubes, earpieces, external receivers. The warranty only comes into force if a proof of purchase is shown.

The international warranty does not affect any legal rights that you might have under applicable national legislation governing sale of consumer goods.

## Warranty limitation

This warranty does not cover damage from improper handling or care, exposure to chemicals or undue stress. Damage caused by third parties or non-authorized service centers renders the warranty null and void. This warranty does not include any services performed by a hearing care professional in their office.

Serial numbers

Hearing aid left side: \_\_\_\_\_

Hearing aid right side: \_\_\_\_\_

Charger Case Combi: \_\_\_\_\_

Power Pack: \_\_\_\_\_

Mini Charger Case: \_\_\_\_\_

Date of purchase: \_\_\_\_\_

Authorized hearing care  
professional (stamp/signature):  
\_\_\_\_\_

## 19. Compliance information

### Europe:

---

#### **Declaration of Conformity for the hearing aid**

Hereby Sonova AG declares that this product meets the requirements of the Medical Devices Directive 93/42/EEC as well as the Radio Equipment Directive 2014/53/EU. The full text of the EU Declaration of Conformity can be obtained from the manufacturer or the local Phonak representative whose address can be taken from the list on [www.phonak.com/us/en/certificates](http://www.phonak.com/us/en/certificates) (Phonak worldwide locations).

### Australia/New Zealand:

---



**R-NZ**

Indicates a device's compliance with applicable Radio Spectrum Management's (RSM) and Australian Communications and Media Authority (ACMA) regulatory arrangements for the legal sale in New Zealand and Australia. The compliance label R-NZ is for radio products supplied in the New Zealand market under conformity level A1.

The wireless models listed on page 2 are certified under:

**Phonak Audéo M-R & M-RT (M90/M70/M50/M30)**

**Phonak Audéo M-R Trial & M-RT Trial**

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USA	<b>FCC ID:</b> KWC-LDR
-----	------------------------

Canada	<b>IC:</b> 2262A-LDR
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---

**Notice 1:**

This device complies with Part 15 of the FCC Rules and with RSS-210 of Industry Canada. Operation is subject to the following two conditions:

- 1) this device may not cause harmful interference, and
- 2) this device must accept any interference received, including interference that may cause undesired operation.

**Notice 2:**

Changes or modifications made to this device not expressly approved by Sonova AG may void the FCC authorization to operate this device.

**Notice 3:**

This device has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules and ICES-003 of Industry Canada. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This device generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is

no guarantee that interference will not occur in a particular installation. If this device does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

#### Notice 4:

#### Japanese Radio Law and Japanese Telecommunications Business Law Compliance

This device is granted pursuant to the Japanese Radio Law (電波法) and the Japanese Telecommunications Business Law (電気通信事業法). This device should not be modified (otherwise the granted designation number will become invalid).



R

202-SMG063

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D 18-0016 202



## Radio information of your wireless hearing aid

Antenna type	Resonant loop antenna
Operation frequency	2.4 GHz – 2.48 GHz
Modulation	GFSK, Pi/4 DPSK, GMSK
Radiated power	< 2.5mW

### **Bluetooth®**

Range	~1m
Bluetooth	4.2 Dual-Mode
Profiles supported	HFP (Hands-free profile), A2DP

## Compliance with emission and immunity standards

Emission standards	EN 60601-1-2:2015
	IEC 60601-1-2:2014
	EN 55011:2009+A1
	CISPR11:2009/AMD1:2010
	CISPR22:1997
	CISPR32:2012
	ISO 7637-2:2011
	CISPR25:2016
	EN 55025:2017

Immunity standards	EN 60601-1-2:2015
	IEC 60601-1-2:2014
	EN 61000-4-2:2009
	IEC 61000-4-2:2008
	EN 61000-4-3:2006+A1+A2
	IEC 61000-4-3:2006+A1+A2
	EN 61000-4-4:2012
	IEC 61000-4-4:2012
	EN 61000-4-5:2014
	IEC 61000-4-5:2014
	EN 61000-4-6:2014
	IEC 61000-4-6:2013
	EN 61000-4-8:2010
	IEC 61000-4-8:2009
	EN 61000-4-11:2004
	IEC 61000-4-11:2004
	IEC 60601-1 (§ 4.10.2):2005
	ISO 7637-2:2011

## 20. Information and description of symbols



With the CE symbol, Sonova AG confirms that this product – including accessories – meets the requirements of the Medical Devices Directive 93/42/EEC as well as the Radio Equipment Directive 2014/53/EU. The numbers after the CE symbol correspond to the code of certified institutions that were consulted under the above-mentioned directives.



This symbol indicates that the products described in these user instructions adhere to the requirements for an applied part of Type B of EN 60601-1. The surface of the hearing aid is specified as an applied part of Type B.



Indicates the medical device manufacturer, as defined in EU Directive 93/42/EEC.

---



This symbol indicates that it is important for the user to read and take into account the relevant information in these user guides.

---



This symbol indicates that it is important for the user to pay attention to the relevant warning notices in these user guides.

---



Important information for handling and product safety.

---



This symbol confers that the electromagnetic interference from the device is under limits approved by the US Federal Communications Commission.

---



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

---



Japanese mark for certified radio equipment.



Indicates the manufacturer's serial number so that a specific medical device can be identified.



Indicates the manufacturer's catalogue number so that the medical device can be identified.



This symbol indicates that it is important for the user to read and take into account the relevant information in this user guide.



Temperature during transportation and storage: -20° to +60° Celsius (-4° to +140° Fahrenheit).



This symbol indicates that this is a Prescription Device. CAUTION: U.S. Federal law restricts this device to sale by or on the order of a physician.

---



Humidity during storage: 0% to 70%, if not in use. See instruction in chapter 22.2 regarding drying the hearing aid after use.

---



Atmospheric pressure during transportation and storage: 500 hPa to 1060 hPa

---



During transportation keep dry.

---



The symbol with the crossed-out garbage bin is to make you aware that this hearing aid as well as chargers and Power Pack may not be thrown away as normal household waste. Please dispose of old or unused hearing aids and charger, at waste disposal sites intended for electronic waste, or give your hearing aid and charger to your hearing care professional for disposal. Proper disposal protects the environment and health.

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## Symbols applicable to the European power supply only

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Power supply with double isolation.

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Device designed for indoor use only.

---



Safety isolating transformer, short circuit proof.

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## 21. Troubleshooting

Problem	Causes
Hearing aid not functioning	Speaker/earpiece blocked Hearing aid switched off Battery fully discharged
Hearing aid whistles	Hearing aid not inserted correctly into ear Cerumen in ear canal
Hearing aid too loud	Volume too loud
Hearing aid not loud enough or distorted	Volume too low Low battery Speaker/earpiece blocked Hearing has changed
Hearing aid plays two beeps	Indication for low battery
Hearing aid will not switch on	Battery fully discharged Button was inadvertently deactivated by pressing the button longer than 15 seconds
Indicator light on hearing aid does not light up when hearing aid placed in charging inserts	Hearing aid not inserted correctly into charger Charger not connected to power source Battery fully discharged

Please check <https://marvel-support.phonak.com> for further information.

## **What to do**

---

Clean speaker opening/earpiece

---

Press lower part of multi-function button for 3 seconds (chapter 9)

---

Charge hearing aid (chapter 4)

---

Insert hearing aid correctly (chapter 6)

---

Contact your ENT/GP or hearing care professional

---

Decrease volume if volume control available (chapter 8)

---

Increase volume if volume control available (chapter 8)

---

Charge hearing aid (chapter 4)

---

Clean speaker opening/earpiece

---

Contact your hearing care professional

---

Charge hearing aid (chapter 4)

---

Charge hearing aid (chapter 4)

---

Perform step 2 of the rebooting process (chapter 14)

---

Insert hearing aid correctly into charger (chapter 4)

---

Connect charger to external power supply (chapter 3)

---

Wait three hours after placing hearing aid in charger, regardless of LED behavior

---

Problem	Causes
Indicator light on hearing aid is solid red while hearing aid is in the charger	Dirty charging contacts Hearing aid is out of its operating temperature range Faulty battery
Indicator light on hearing aid switches off when hearing aid is removed from charger	"Auto On" feature is disabled
Indicator light on hearing aid remains solid green after removal from charger	Indicator light on hearing aid was red when hearing aid was placed into the charger
Battery does not last the whole day	Shortened battery life
Phone call function does not work	Hearing aid is in flight mode Hearing aid not paired to the phone
Charging does not start (no power pack used)	Charger not connected to power supply Hearing aid not inserted correctly into charger
Charging does not start when using Power Pack	Power Pack discharged

**i** If the problem persists, contact your hearing care professional for assistance.

## What to do

---

Clean the contacts of the hearing aid and the charger

---

Warm hearing aid up. Operating temperature range is +5° to +40° Celsius (+41° to +104° Fahrenheit)

---

Contact your hearing care professional

---

Switch on the hearing aid (chapter 9)

---

---

Reboot the hearing aid (chapter 14)

---

---

Contact your hearing care professional. A battery replacement may be required

---

Switch hearing aid off and then on again (chapter 13.2)

---

Pair hearing aid to the phone (chapter 11)

---

Connect charger to power supply or Power Pack (chapter 4.2)

---

Insert hearing aid correctly into charger (chapter 4.1)

---

---

Charge Power Pack (chapter 4.2)

---





## 22. Important safety information


Please read the information on the following pages before using your hearing aid and charging accessories.


A hearing aid will not restore normal hearing and will not prevent or improve a hearing impairment resulting from organic conditions. Infrequent use of a hearing aid does not permit a user to attain full benefit from it. The use of a hearing aid is only part of hearing habilitation and may need to be supplemented by auditory training and instruction in lipreading.


The hearing aid is suitable for the home healthcare environment and due to their portability it may happen that it is used in professional healthcare facility environment like physician offices, dental offices etc.

## 22.1 Hazard warnings


-  The rechargeable hearing aids and the Phonak Power Pack contain lithium-ion batteries that can be taken onto airplanes as carry-on luggage. The Power Pack cannot be placed in the checked-in baggage and can only be placed in the carry-on luggage.
-  Your hearing aids operate between 2.4 GHz -2.48 GHz frequency range. When flying please check if flight operator requires devices to be switched into flight mode, see chapter 13.
-  The intended use of hearing aids is to amplify and transmit sound to the ears and hereby compensate for impaired hearing. The hearing aids (specially programmed for each hearing loss) must only be used by the intended person. They should not be used by any other person as they could damage hearing.
-  Changes or modifications to the hearing aid that were not explicitly approved by Sonova AG are not permitted. Such changes may damage your ear or the hearing aid.

 Do not use the hearing aids and charging accessories in explosive areas (mines or industrial areas with danger of explosions, oxygen rich environments or areas where flammable anesthetics are handled) or where electronic equipment is prohibited.

 If you feel pain in or behind your ear, if it is inflamed or if skin irritation and accelerated accumulations of earwax occur, please check with your hearing care professional or physician.


 Titanium shells of custom hearing aids and earpieces


can contain small quantities of acrylates from adhesives. People who are sensitive to such substances may potentially experience an allergic skin reaction. Please stop using the device immediately if such a reaction occurs and check with your hearing care professional or physician.

 In very rare cases, the dome can remain in your ear canal when removing the hearing tube from the ear. In the unlikely case that the dome does get stuck in your ear canal, it is strongly recommended to see a physician for safe removal. To prevent





pushing the dome towards the eardrum, never try to re-insert the speaker into the ear canal.

 Hearing programs in the directional microphone mode reduce background noises. Please be aware that warning signals or noises coming from behind, e. g. cars, are partially or entirely suppressed.

 This hearing aid is not for children below 36 months. The usage of this device by children and individuals with cognitive impairment should be supervised at all times to ensure their safety. The hearing aid is a small device and contains

small parts. Do not leave children and individuals with cognitive impairment unsupervised with this hearing aid. If swallowed, consult a physician or hospital immediately as the hearing aid or its parts can cause choking!

 Keep the Charger Case Combi out of reach of children, individuals with cognitive impairment and pets. If the drying capsule is swallowed, consult a physician or hospital immediately.

 Only authorized personnel are allowed to open the Power Pack due to possible electrical hazard.



Do not cover the whole charger cases while charging, e.g. with a cloth etc.




The following is only applicable for persons with active implantable medical devices (i.e. pacemakers, defibrillators, etc.):


- Keep the wireless hearing aid at least 15 cm (6 inches) away from the active implant. If you experience any interference, do not use the wireless hearing aids and contact the manufacturer of the active implant. Please, note that interference can also be caused by power lines, electrostatic discharge, airport metal detectors etc.

- Keep magnets (i.e. EasyPhone magnet, etc.) at least 15 cm (6 inches) away from the active implant.
- If using a Phonak wireless accessory, consult the chapter "Important safety information" in your wireless accessory user guide.





Use of this equipment adjacent to or stacked with other equipment should be avoided because it could result in improper operation. If such use is necessary, this equipment and the other equipment should be observed to verify that they are operating normally.


 Use of accessories, transducers and cables other than those specified or provided by the manufacturer of this equipment could result in increased electromagnetic emissions or decreased electromagnetic immunity of this equipment and result in improper operation.


 Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any


part of the hearing aids, including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result.

 The USB port of the charger is to be used for the described purpose only.

 For charger, use only EN62368-1 and/or EN60601-1 certified equipment with an output rating of 5 VDC. Min. 500 mA.

 Hearing aids should not be fitted with domes / wax protection systems when used by clients with perforated eardrums, inflamed ear canals or otherwise exposed middle ear cavities. In these cases, we recommend the use of a classic earmold. In the unlikely case that any part of this product should remain in the ear canal, it is strongly recommended to see a physician for safe removal.

 Avoid strong physical impacts to the ear when wearing a hearing aid with customized earpiece. The stability of customized earpieces is designed for normal use. A strong physical impact to the ear (e.g. during sports) may cause the customized earpiece to break. This may lead to perforation of the ear canal or eardrum.

 After mechanical stress or shock to the customized earpiece, please ensure that it is intact before placing it in the ear.

## 22.2 Information on product safety

- ① These hearing aids are water resistant and not waterproof. They are designed to withstand normal activities and occasional accidental exposure to extreme conditions. Never immerse your hearing aid in water! These hearing aids are not specifically designed for extended periods of water submersion on a continual basis, that is worn in activities such as swimming or bathing. Always remove your hearing aid before these activities, as the hearing aid contains sensitive electronic parts.
- ① Never wash the microphone inputs. Doing so could cause it to lose its special acoustic features.
- ① Protect your hearing aid and charging accessories from heat (never leave near a window or in the car). Never use a microwave or other heating devices to dry your hearing aid or charging accessories (due to risk of fire or explosion). Ask your hearing care professional about suitable drying methods.
- ① Do not place the charging accessories close to an induction cooking surface.

Conductive structures inside the charging accessories could absorb inductive energy resulting in thermal destruction.

- ① The dome should be changed every three months or when it becomes stiff or brittle. This is to prevent the dome from detaching from the tube spout during insertion into or removal from the ear.

- ① Do not drop your hearing aid or charging accessories! Dropping onto a hard surface can damage your hearing aid or charging accessories.

- ① Charger, Power Pack and power supply must be protected against shocks. If the charger, Power Pack or power supply is damaged after a shock, the devices must not be used anymore.

- ① Store your hearing aid in the charger if you are not using it for a long period of time.

- ① Special medical or dental examination including radiation described below, may adversely affect the correct functioning of your hearing aids. Remove and keep them outside the examination room/area before undergoing:

- Medical or dental examination with X-ray (also CT scan).
- Medical examinations with MRI/NMRI scans, generating magnetic fields.  
Hearing aids don't need to be removed when passing security gates (airports etc.). If X-ray is used at all, it will be in very low doses, and will not affect the hearing aids.

- ① Do not use your hearing aid in areas where electronic equipment is prohibited.
- ① The hearing aids have to be dry before charging. Otherwise the charging

reliability cannot be guaranteed.

- ① Only use approved chargers and Power Pack described in this user guide for charging your hearing aids, otherwise the devices may be damaged.
- ① Both your hearing aid(s) and Power Pack contain lithium-ion batteries with a Watt hour rating <20 Wh which have been tested according to UN 38.3 of the "UN Manual of Tests and Criteria" and should be shipped in accordance with all the rules and regulations on the safe shipment of lithium-ion batteries.

## 23. For the US market only, complies with the FDA regulations

### Important information: Cell phones

Some hearing aid users have reported a buzzing sound in their hearing aids when they are using cell phones. According to the ANSI 63.19 (American National Standard Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Instruments) standard, the compatibility of a particular hearing aid and cell phone can be predicted by adding the rating for the hearing aid immunity to the rating for the cell phone emissions. The sum of the hearing aid rating (e.g. M2/T2=2) and the telephone rating (e.g. M3/T3=3) is 5, and any combination that equals 5 will provide "normal use"; a sum of 6 or greater would indicate "excellent performance". The equipment performance measurements, categories and system classifications are based upon the best information available but cannot guarantee that all users will be satisfied. The immunity of this hearing aid is at least M2/T2.



**Note:** the performance of individual hearing aids may vary with individual cell phones. Therefore, please try the hearing aid with your cell phone or, if you are purchasing a new phone, be sure to try it with your hearing aid prior to purchase. For additional guidance, please ask your hearing care professional for the booklet entitled "hearing aid compatibility with digital wireless cell phones".

### **Important information in case of battery ingestion**

If a battery is swallowed, call the 24-hour National Battery Ingestion Hotline at 800-498-8666 or consult your physician immediately.

## **Important notice for prospective noise generator users**

The Tinnitus Balance noise generator is a broadband sound Generator which may have been enabled in your hearing aid. It provides a means of sound enrichment that can be used as part of a personalized tinnitus management program to provide temporary relief from tinnitus. It should always be used as prescribed by your audiologist. The underlying principle of sound enrichment is to provide supplementary noise stimulation which can help defocus your attention from your tinnitus and avoid negative reactions. Sound enrichment, coupled with instructional counseling, is an established approach to managing tinnitus.

Good health practice requires that a person reporting tinnitus have a medical evaluation by a licensed ear physician before using a sound generator. The purpose of such an evaluation is to ensure medically treatable conditions that may be causing tinnitus are identified and treated prior to using a sound generator.

Should you develop any side effects whilst using the noise generator such as headaches, nausea, dizziness or heart palpitations or experience a decrease in auditory function, you should discontinue use and seek a medical evaluation.

According to OSHA (Occupational Safety & Health Administration, U.S. Department of Labor) regulations, the volume of the noise generator can be set to a level which could lead to permanent hearing damage when used for a prolonged period of time. Should the noise generator be set to such a level in your hearing aid, your audiologist will advise you of the maximum amount of time per day you should use the noise generator. The noise generator should never be used at uncomfortable levels.

For more information visit [www.phonak.com](http://www.phonak.com)

Your hearing care professional:



**Manufacturer:**

Sonova AG

Laubisrütistrasse 28

CH-8712 Stäfa

Switzerland

[www.phonak.com](http://www.phonak.com)



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