

Phonak Sky™ L-PR.

User Guide

Phonak Sky L-PR
Phonak Sky L-PR Trial
Phonak Charger Combi BTE 2
Phonak Charger Combi BTE
Phonak Charger BTE RIC



Your hearing aid and charger details

This user guide is valid for:

Wireless hearing aids

Phonak Sky L90-PR
Phonak Sky L70-PR
Phonak Sky L50-PR
Phonak Sky L30-PR
Phonak Sky L-PR Trial



Charging accessories

Phonak Charger Combi BTE 2
Phonak Charger Combi BTE
Phonak Charger BTE RIC



- ① If no box is checked and you do not know the model of your hearing aid or charging accessory, please ask your hearing care professional.
- ① The hearing aids described in this user guide contain a built-in and non-removable rechargeable lithium-ion battery.
- ① The Power Pack contains a built-in and non-removable rechargeable lithium-polymer battery.
- ① Please also read safety information regarding handling rechargeable hearing aids (chapter 26).

Hearing aid models

- Sky L-PR (L90/L70/L50/L30)
- Sky L-PR Trial

Charging accessories

- Charger Combi BTE 2 *
- Charger Combi BTE *
- Charger BTE RIC *
- Power Pack

* incl. power adapter and USB cable

Earpieces

- Classic earmold
- Dome
- SlimTip
- Universal eartip



Contents

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

These premium products are the result of decades of research and expertise and are designed with your well-being in mind. 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 device. Training is not required for handling of this device. A hearing care professional will help set up this device according to your individual preferences during the fitting consultation. For more information regarding features, benefits, set up, use, maintenance or repairs of your hearing aid and accessories, please contact your hearing care professional or the manufacturer representative. Additional information can be found in the datasheet of your product.

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www.phonak.com

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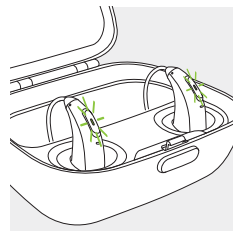
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1. Quick guide

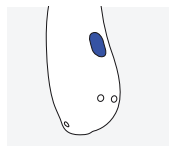
Charging your hearing aid

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

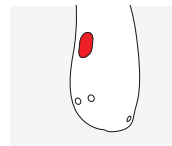
After placing your hearing aid in the charger, the indicator light will show the charging state of the battery until the hearing aid is fully charged. When fully charged the indicator light will be solid green.



Left and right hearing aid markings



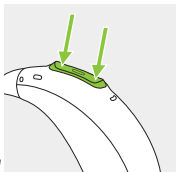
Blue marking for left hearing aid.



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 "Hearing aid instructions".



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

Phone calls: If paired with a Bluetooth® enabled phone, a short press will accept and a long press will reject an incoming call.

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.

Tap Control (only available for models L90 and L70)

If paired with a Bluetooth® enabled device, multiple functions can be accessed using Tap Control, please refer to chapter 10. This is also indicated in your Hearing aid instructions. To use Tap Control tap the top of your ear twice.

2. Parts of the hearing aid and charger

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

- Checking "Your hearing aid and charger details" on page 3
- Comparing your earpiece, hearing aid and charger with the following models

Compatible earpieces



Classic earmold



Dome

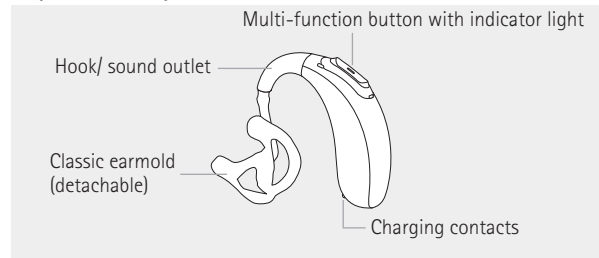


SlimTip

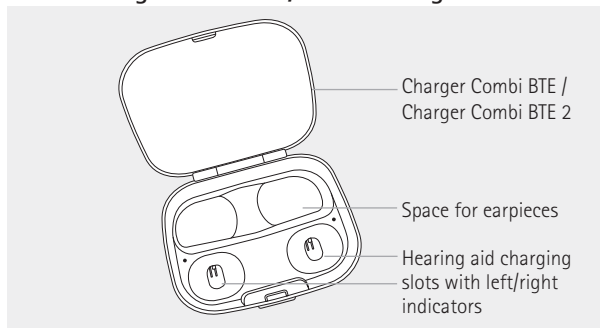


Universal earpiece

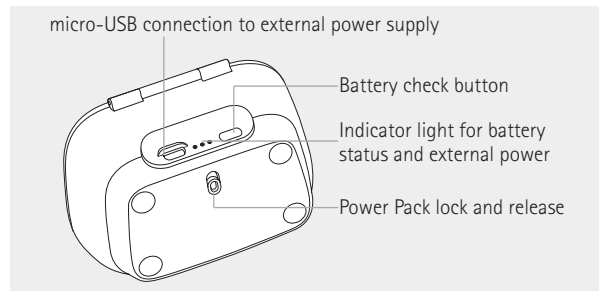
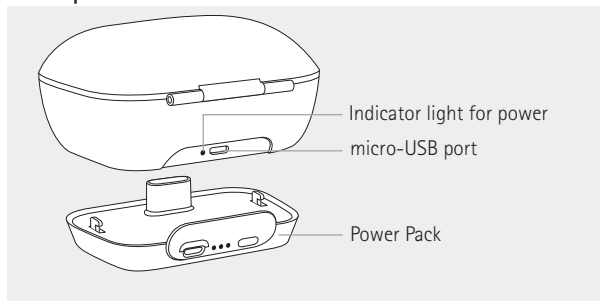
Sky L-PR / Sky L-PR Trial



Phonak Charger Combi BTE / Phonak Charger Combi BTE 2



Phonak Charger Combi BTE / Phonak Charger Combi BTE 2 with optional Power Pack

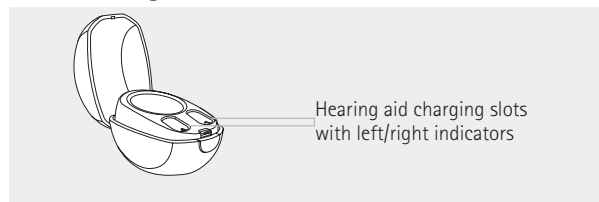


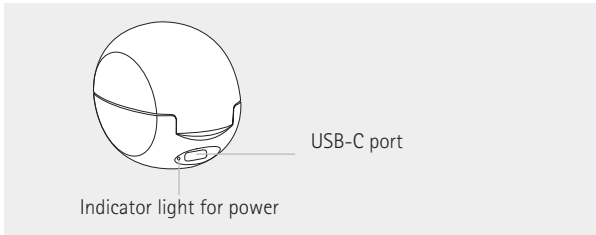
Power adapter and charger specification

Power adapter output voltage:	5 VDC +/-10%, current 500 mA - 1 A
Power adapter input voltage:	100-240 VAC, 50/60Hz, current 0,25 A
Charger input voltage:	5 VDC +/-10%, current 300 mA
USB cable specifications:	5 V min. 1 A, USB-A to micro-USB, maximum length 1 m

The Charger Combi BTE and Combi Charger BTE 2 may be used with an external power supply that fulfills the specifications in the table above.

Phonak Charger BTE RIC





Power adapter specification

Power adapter output voltage: 5 VDC +/-10%, current 1 A

Power adapter input voltage: 100-240 VAC, 50/60Hz, current 0,25 A

Charger input voltage: 5 VDC +/-10%, current 1 A

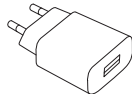
USB cable specifications: 5 V min. 1 A, USB-A to USB-C, maximum length 3 m

The Phonak Charger BTE RIC may be used with an external power supply that fulfills the specifications in the table above.

Accessories



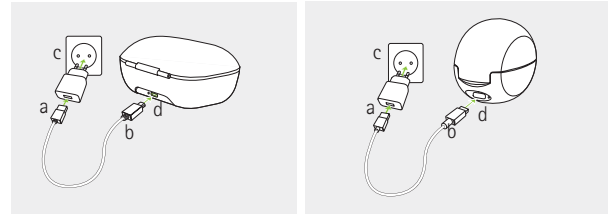
USB cable



Power adapter

3. Preparing the charger

Connecting to the power supply



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

4. Charging the hearing aid

- ① Low power: You will hear two beeps and you will see a continuous blinking red light (if activated) 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 19.
- ① Please ensure to charge and use the hearing aid within operating temperature range:
+5 to +40 ° Celsius (41 to 104 ° Fahrenheit).

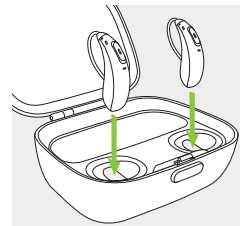
Optional Power Pack

- ① Before using your Power Pack for the first time, it is recommended to charge it for 3 hours.
- ① The Power Pack contains a built-in and non-removable rechargeable lithium-polymer battery.
- ① Please ensure to charge the Power Pack within operating temperature range: +5 to +40 ° Celsius (41 to 104 ° Fahrenheit)

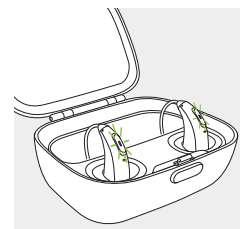
4.1 Using the charger

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

1. Insert the hearing aid into the charging slot. Make sure the left and right hearing aid markings match the left (blue) and right (red) indicators next to the charging slots. The hearing aid will automatically be switched off 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 be solid green.



The charging process will automatically stop when the battery is fully charged, so the hearing aid can be safely left in the charger. It can take up to 3 hours to charge the hearing aid. The charger lid can be closed while charging.

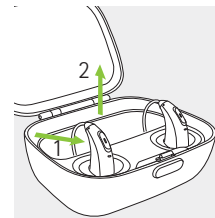
Charging times

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 (charging time may be affected by temperature conditions)

3.

Remove the hearing aid from the charger by:

1. Pulling the hearing aid gently towards you
2. Lifting it out of the charger



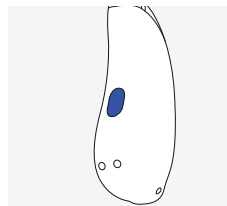
When the charger is connected to the power supply, the hearing aid switches on automatically when removed from the charger. The indicator light starts blinking. By default, the hearing aids are programmed so that they turn on automatically when they are removed from a charger that is connected to the power supply. Your hearing care professional can turn this setting off. In this case, you will need to switch the hearing aid on manually. To switch off the charger, remove the power adapter from the power outlet. If the optional Power Pack is attached to the charger, remove the Power Pack to switch off the charger.

- ① Do not hold the earpiece to remove the hearing aid from the charger as this can damage the tube.
- ① Turn off your hearing aid before inserting it in the disconnected charger to store it.
- ① If you unplug the charger while the hearing aid is charging inside, please make sure to turn off the hearing aid to prevent discharge.
- ① Always close the lid when charging you hearing aids in a humid environment.

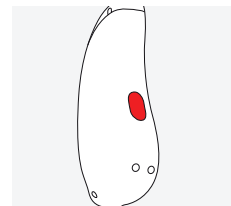
5. Left and right hearing aid markings

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

Blue marking
for **left** hearing aid.



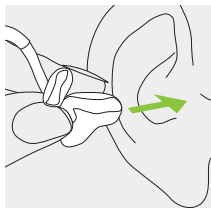
Red marking
for **right** hearing aid.



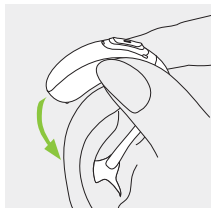
6. Putting on the hearing aid

6.1 Putting on the hearing aid with classic earmold

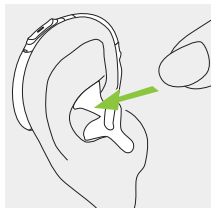
1.
Take the earmold up to your ear and place the ear canal part into your ear canal.



2.
Place the hearing aid behind your ear.

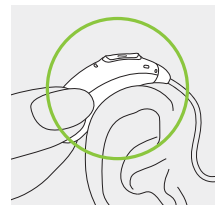


3.
Insert the upper part of the earmold into the upper part of the bowl of your ear.

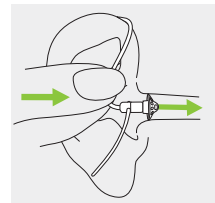


6.2 Putting on the hearing aid with dome, SlimTip or universal eartip

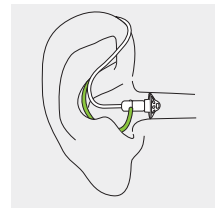
1.
Place the hearing aid behind your ear.



2.
Insert the eartip into your ear canal.



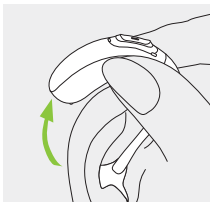
3.
If there is an anchor attached to the eartip, tuck it into the bowl of your ear to secure your hearing aid.



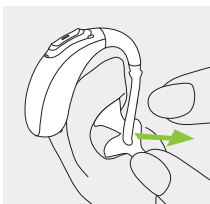
7. Removing the hearing aid

7.1 Removing the hearing aid with classic earmold

1.
Lift the hearing aid above the upper part of your ear.



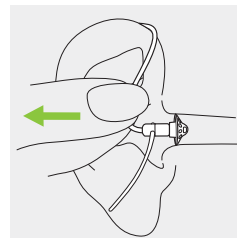
2.
Grab the earmold with your fingers and gently remove it.



① Please try to avoid gripping the tube to remove the hearing aid.

7.2 Removing the hearing aid with dome, SlimTip or universal eartip

1.
Hold the bend of the tube and pull to remove the hearing aid from behind the ear.



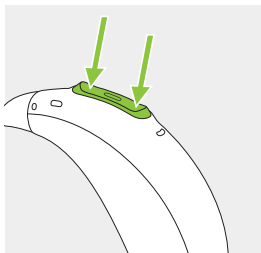
8. Multi-function button with indicator light

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 13.








Indicator light

The indicator light informs parents and caregivers of young children of the hearing aid status. The indicator light is integrated in the multi-function button and shows the status of the hearing aid as long as it is powered on and charged.

Your hearing care professional can activate/deactivate the indicator light in different ways.

The complete list of the hearing aid status alerts is shown below. Please ask your hearing care professional to mark what has been activated accordingly.

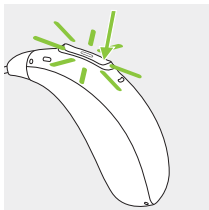
Status hearing aid	Indicator light pattern
<input type="checkbox"/> Hearing aid is powered on	Repeating single blink 
<input type="checkbox"/> Hearing aid is powered on and Roger™ is accessible	Repeating double blink 
<input type="checkbox"/> Low battery *	Continuous blink 
<input type="checkbox"/> Volume level change (either initiated by a remote control, myPhonak Junior or by the multi-function button)	Single blink per volume change 
<input type="checkbox"/> Program change (either initiated by a remote control, myPhonak Junior or by the multi-function button)	Single blink per program change 

* Low battery alert is initiated approx. 60 minutes before the battery needs to be charged.

9. On/Off

Switch on the hearing aid

By default, the hearing aid is configured to switch on automatically when removed from the charger connected to the power supply or if the charger is not connected to the power supply. If this function is not configured, or if the



charger is not connected to the power supply, 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 that the hearing aid is ready.

Switch off the hearing aid

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

	Blinking green	Hearing aid is switching on
	Solid red for 3 seconds	Hearing aid is switching off

① When you switch on the hearing aid you might hear a start-up melody.

10. Tap Control

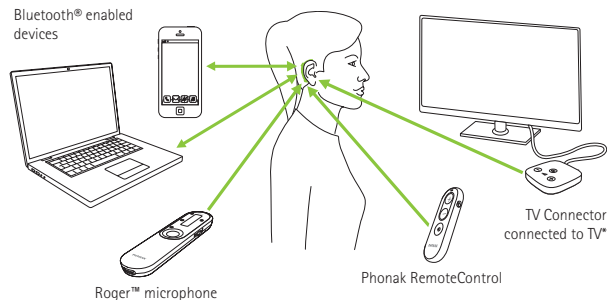
Tap Control is only available for models L90 and L70. If paired with a Bluetooth® enabled device, multiple functions can be accessed using Tap Control e.g. accept/end phone call, pause/resume streaming, start/stop voice assistant. This is indicated in your individual "Hearing aid instructions".

To use Tap Control tap the top of your ear twice.



11. 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.

12. Initial pairing

12.1 Initial pairing to a Bluetooth® enabled device

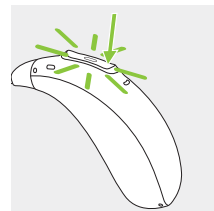
① It is only necessary to perform the pairing procedure once with each device featuring Bluetooth® wireless technology. After the initial pairing, your hearing aid will connect automatically to the device. Initial pairing can take up to 2 minutes.

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 aid 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://www.phonak.com/com/en/support.html>

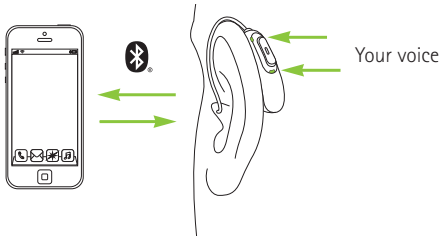
12.2 Connecting to the device

After being paired to your device, your hearing aid 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 aid can be connected to up to two devices and paired to up to eight devices.

13. Phone calls

Your hearing aid connects directly with Bluetooth® enabled phones. When paired and connected to your phone, you will hear notifications and the caller's voice directly in your hearing aid. Phone calls are "hands free", this means that your voice is picked up by the hearing aid microphones and transmitted back to the phone.



13.1 Making a call

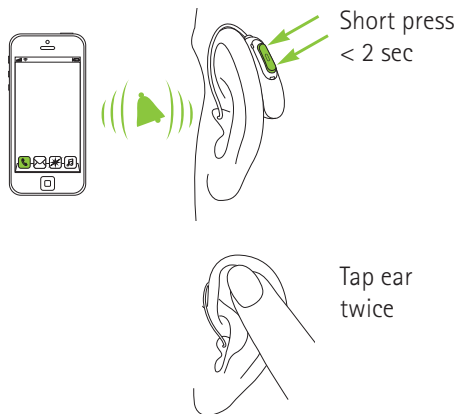
Enter the phone number and press the dial button. You will hear the dialing tone through your hearing aid. Your voice is picked up by the hearing aid microphones and transmitted to the phone.

Alternatively, for models L90 and L70, tap the top of your ear twice to request the voice assistant to dial the phone number.

13.2 Accepting a call

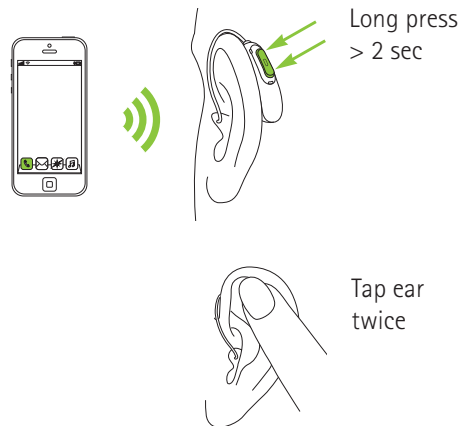
When receiving a call, an incoming-call notification will be heard in the hearing aid.

The call can be accepted by tapping the top of your ear twice (only available for models L90 and L70), 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.



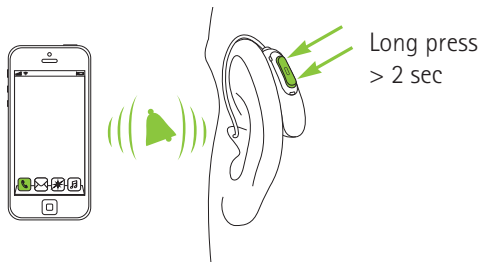
13.3 Ending a call

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. For models L90 and L70, the phone call can also be ended by tapping the top of your ear twice.



13.4 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.


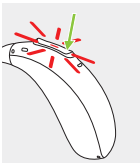

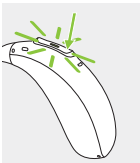

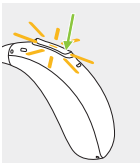


14. Flight mode

Your hearing aid operates 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.

14.1 Enter flight mode

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

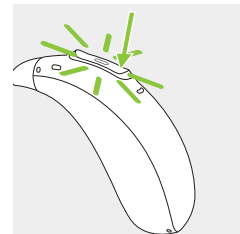
1.		If the hearing aid is turned off, proceed to step 2. If the hearing aid is on, turn it off by pressing and holding the lower part of the button for 3 seconds, until the indicator light turns solid red for 3 seconds, meaning that the hearing aid is switching off.	
2.		Press and hold the lower part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

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

14.2 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.



15. Rebooting your hearing aid

Follow the steps below if your hearing aid shows an error state. This will not remove or delete any program or setting.

1.

Press the lower part of the multi-function 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.

16. myPhonak Junior app overview

To learn more about myPhonak Junior, please visit the webpage

www.phonak.com/junior-ug

or scan the QR code



To install myPhonak Junior please scan the QR code



17. Roger™ overview

Experience the hearing performance of Roger™

Roger™ is an intelligent wireless technology that transmits speech directly to hearing aids, helping to overcome distance and noise. The microphone picks up the voice of the speaker and wirelessly transmits it directly to Roger™ receivers* in your hearing aid. This enables you to fully participate in group conversations even in very noisy environments such as restaurants, meetings at work and school activities.

To learn more about the Roger™ technology and microphones, please visit the webpage www.phonak.com/roger or scan the QR code.

Roger™ microphones are sold separately.



* RogerDirect™ requires the installation of Roger™ receivers into the Phonak hearing aids by a hearing care professional.

18. Environmental conditions

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

Please ensure to use, charge, transport and store the hearing aid according to the following conditions:

Hearing aids:

	Charging and operating	Transport	Storage
Temperature Maximum range	+5 to +40 °C (+41 to +104 °F)	-20 to +60 °C (-4 to +140 °F)	-20 to +60 °C (-4 to +140 °F)
Humidity (non condensing)	0% to 85%	0% to 93%	0% to 93%
Atmospheric pressure	500 to 1060 hPa	500 to 1060 hPa	500 to 1060 hPa

Temperature and humidity shall not exceed the ranges described in the table above for extended periods of time during transport and storage.

Prolonged storage at temperatures lower than 10 °C and higher than 30 °C may negatively affect the battery performance of the product.

Chargers:

	Operating	Transport	Storage
Temperature Maximum range	+5 to +40 °C (+41 to +104 °F)	-20 to +60 °C (-4 to +140 °F)	-20 to +60 °C (-4 to +140 °F)
Humidity (non condensing)	0% to 85%	0% to 70%	0% to 70%
Atmospheric pressure	500 to 1060 hPa	500 to 1060 hPa	500 to 1060 hPa

Please ensure to charge the hearing aids regularly during long-term storage.

These hearing aids are classified as IP68. This means that they are water and dust resistant and designed to withstand daily life situations. They can be worn in the rain but should not be fully submerged in water or used when taking a shower, swimming or other water activities. These hearing aids should never be exposed to chlorinated water, soap, salt water or other liquids with a chemical content.

If the device has been subject to storage and transport conditions outside of the recommended use conditions, wait 15 minutes before starting the device after recommended environmental conditions are restored.

Phonak Charger Combi BTE and Phonak Charger Combi BTE 2 are classified as IP22. This means that the charger is protected from vertically falling drops of water when the charger is tilted up to 15 degrees from the horizontal. IP22 is satisfied when the charger lid is closed.

Power Pack storage for a year or longer: to prevent damage to the battery cell the maximum temperature range should be -20 to +25 °C (-4 to +77 °F) and the battery cell should be discharged and recharged a minimum once every three months.

19. Care and maintenance

Expected Service Life:

The hearing aids and the compatible charger have the expected service life of five years. The devices are expected to remain safe for use for this duration.

Commercial service period:

Routine and diligent care of your hearing aids and charger will contribute to the outstanding performance for the duration of the expected service life of your devices.

Sonova AG will provide a minimum of a five year repair service period after the respective hearing aid, charger and essential components have been phased out of the product portfolio.

Please use the following specifications as a guideline. For further information regarding product safety, see chapter 26.2.

General information

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

Make sure that you always completely dry your hearing aid after use. Store the hearing aid in a safe, dry and clean place.

Your hearing aid 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 and tube for earwax and moisture deposit. Clean the surfaces with a lint-free cloth. Never use cleaning agents such as household detergents, soap, etc. for cleaning your hearing aid. It is not recommended to rinse these parts with water, as this could cause moisture to be trapped in the tube. If you need to clean your hearing aid intensively, ask your hearing care professional for advice.

Chargers: Make sure that charger slots 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.

Chargers: Remove dust or dirt from the charger slots with a lint-free cloth.

Monthly

Hearing aid: Inspect your hearing tube for color changes, hardening, or cracks. In the case of such changes, the hearing tube has to be replaced. Please see your hearing care professional.

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

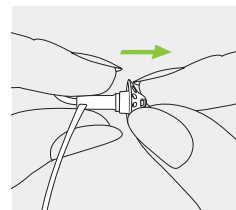
20. Exchanging the earpiece

Your hearing aid is fitted with an earpiece, which can be a dome, an earmold, a SlimTip or a universal eartip.

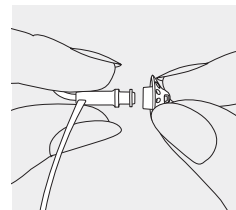
Please check the earpiece regularly and exchange or clean it if it looks dirty or if the hearing aid volume or sound quality is reduced. If a dome is used, it should be exchanged every 3 months. If an earmold is used please refer to Chapter 19 of this user guide. If a SlimTip is used please follow the instructions in chapter 21 to exchange the earwax protection.

20.1 Removing the earpiece from the SlimTube

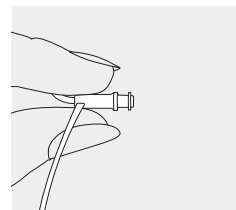
1. Remove the earpiece from the SlimTube by holding the SlimTube in one hand and the earpiece in the other.



2. Gently pull on the earpiece to remove.



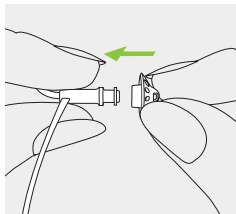
3. Clean the SlimTube with a lint-free cloth.



20.2 Attaching the earpiece to the SlimTube

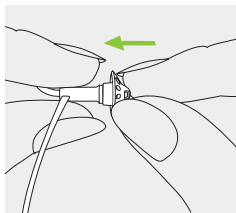
1.

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



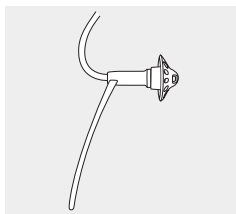
2.

Slide the earpiece over the tip of the SlimTube.



3.

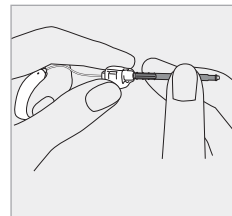
The SlimTube and the earpiece should fit perfectly together.



21. Exchanging the earwax protection of your SlimTip

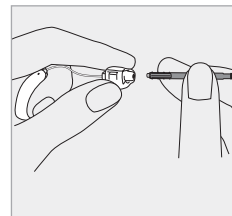
1.

Insert the removal side of the exchange tool into the used earwax protector. The shaft of the holder should touch the rim of the earwax protector.



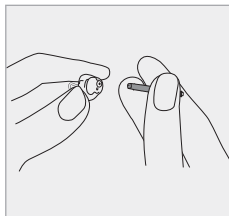
2.

Carefully pull and remove the earwax protector straight out. Do not twist the earwax protector when removing.



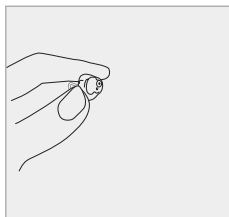
3.

To insert the new earwax protector, gently push the insertion side of the exchange tool straight into the hole of the SlimTip until the outer ring is perfectly aligned.



4.

Pull the tool straight out. The new earwax protector will remain in place.



22. 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, but not accessories such as batteries, 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: _____

Date of purchase: _____

Authorized hearing care professional (stamp/signature):



23. Compliance information

Europe:

Declaration of Conformity for the hearing aid

Hereby Sonova AG declares that this product meets the requirements of the Medical Devices Regulation (EU) 2017/745 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/en-int/certificates (Phonak worldwide locations).

Declaration of Conformity for the charging accessories

Hereby Sonova AG declares that this product meets the requirements of the Medical Devices Regulation (EU) 2017/745.

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.

Great Britain:



Declaration of conformity for Phonak Charger Combi BTE 2

Sonova AG declares that the product complies with the requirements of the UK Medical Device Regulation 2002.

The wireless models listed on page 2 are certified under:

Phonak Sky L-PR (L90/L70/L50/L30)

Phonak Sky L-PR Trial

USA

FCC ID: KWC-BPR

Canada

IC: 2262A-BPR

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.

Charger:

Please keep at least 20 cm separation distance between the charger and the human body during operation.

Radio information of your hearing aid

Antenna type	Resonant loop antenna
Operation frequency	2.4 GHz – 2.48 GHz
Modulation	GFSK, Pi/4 DPSK, GMSK
Radiated power (EIRP)	< 1 mW
Bluetooth®	
Range	~1m
Bluetooth	4.2 Dual-Mode
Profiles supported	HFP (Hands-free profile), A2DP

Emissions Test **Compliance** **Electromagnetic environment guidance**

RF emissions CISPR 11	Group 2 Class B	The medical device uses RF energy only for its internal function. Therefore, its RF emission are very low and are not likely to cause any interferences in nearby electronic equipment
Harmonic emissions	Complies	
Voltage fluctuations / flicker emissions	Complies	

Electromagnetic compatibility (EMC)

Phonak hearing aids and charging accessories are EMC-tested in conformity with the requirements of IEC 60601-1-2:2014 or IEC 60601-1-2:2014 A1 2020.

24. Information and description of symbols



With the CE symbol, Sonova AG confirms that this product – including accessories – meets the requirements of the Medical Devices Regulation (EU) 2017/745 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 regulation and directive.



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 Medical Device Regulation (EU) 2017/745.



Indicates the date when the medical device was manufactured.



Indicates the Authorized representative in the European Community. The EC REP is also the importer to the European Union.



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.



This symbol indicates that it is important for the user to pay attention to the relevant warning notices related to batteries 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.



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.



With the UK Conformity Assessed mark, Sonova AG confirms that the product is conform to applicable Great Britain's legislations.



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.



Indicates that the device is a medical device.



This symbol indicates that electronic instructions for use are available.

IP68

Ingress Protection Rating. IP68 rating indicates that the hearing aid is water and dust resistant. It survived continuous immersion in 1 meter of fresh water for 60 minutes and 8 hours in a dust chamber as per the IEC60529 standard.

IP22

IP Rating = Ingress Protection Rating. IP22 rating indicates that the device is protected against solid foreign objects of 12,5 mm diameter and greater and is additionally protected against vertically falling water drops when enclosure tilted up to 15°.



Indicates the temperature limits to which the medical device can be safely exposed.



Indicates the range of humidity to which the medical device can be safely exposed.



Indicates the range of atmospheric pressure to which the medical device can be safely exposed.



During transportation keep dry.



The symbol with the crossed-out garbage bin is to make you aware that this hearing aid as well as the charger 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.

Symbols applicable to the European power supply only



Power supply with double isolation.



Device designed for indoor use only.



Safety isolating transformer, short circuit proof.

25. Troubleshooting

Problem	Causes
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 Earpiece blocked Hearing has changed
Hearing aid plays two beeps	Indication for low battery
Hearing aid not functioning (no amplification)	Earpiece blocked Hearing aid switched off Battery fully discharged
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 slots	Hearing aid not inserted correctly into charger Charger not connected to power source Battery fully discharged

What to do

Insert hearing aid correctly (chapter 6)
Contact your 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 earpiece (chapter 19)
Contact your hearing care professional
Charge hearing aid (chapter 4)
Clean earpiece (chapter 19)
Press the lower part of the multi-function button for 3 seconds (chapter 9)
Charge hearing aid (chapter 4)
Charge hearing aid (chapter 4)
Perform step 2 of the rebooting process (chapter 15)
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 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 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 charger
Battery does not last the whole day	Shortened battery life
Phone call function does not work	Hearing aid in flight mode Hearing aid not paired to the phone
Charging does not start	Charger not connected to power supply Hearing aid not inserted correctly into charger

What to do

- Clean contacts of hearing aid and charger
- Warm hearing aid up. Operating temperature range is +5° to +40° Celsius (+41° to +104° Fahrenheit)
- Contact your hearing care professional
- Switch on hearing aid (chapter 9)
- Reboot hearing aid (chapter 15)
- Contact your hearing care professional. A battery replacement may be required
- Switch hearing aid off and then on again (chapter 14.2)
- Pair it to the phone (chapter 12)
- Connect charger to power supply (chapter 3)
- Insert hearing aid correctly into charger (chapter 4)

① If the problem persists, contact your hearing care professional for assistance.

① Please check <https://www.phonak.com/com/en/support.html> for further information.

26. Important safety information

Please read the relevant safety information and limitations-of-use information on the following pages before using your hearing aid and charging accessories.

Intended use

Hearing aid: The hearing aid is intended to amplify and transmit sound to the ear and thereby compensate for impaired hearing.

Charging accessories: The chargers are intended to charge the battery of the rechargeable hearing aid.

The Power Pack is intended to allow the compatible charger to recharge the battery of the rechargeable hearing aid when no external power source is available.

Intended Patient Population

Hearing aid: This device is intended for patients from 0 years of age who fulfill the clinical indication for this product.

Charging accessories: The intended population is the user of the compatible hearing aids.

Intended User

Hearing aid: Intended for:

- People with hearing loss
- Caregivers of the person with hearing loss
- Hearing care professional responsible for adjusting the hearing aid

Charging accessories: Intended for people with hearing loss using the compatible rechargeable hearing aids, their caregivers and hearing care professional.

Intended medical indication

Hearing aid: Presence of hearing loss:

- Unilateral or bilateral
- Hearing loss type: conductive, sensorineural or mixed
- Grades of hearing loss:
 - Mild
 - Moderate
 - Moderately severe

Charging accessories: Please note, indications are not derived from the charging accessories, but from the compatible hearing aids.

Medical contraindications

Hearing aid: Medical contraindications for the use of hearing aids are:

- Deformity of the ear (i.e. closed ear canal; absence of the auricle)
- Neural hearing loss (i.e. retro-cochlear pathologies such as absent/ non-viable auditory nerve)
- Evidence of active or chronic middle or outer ear pathology, chronic drainage or discharge, evidence of chronic inflammation

Charging accessories: Please note, contraindications are not derived from the charging accessories, but from the compatible hearing aids.

Clinical benefit:

Hearing aid:

- Improvement of Audibility
- Improvement of Speech Understanding (as soon as language is acquired)

Charging accessories: The charging accessories themselves do not provide a direct clinical benefit. An indirect clinical benefit is provided by enabling the rechargeable hearing aids to achieve their intended purpose.

Side effects:

Physiological side-effects of hearing aids like tinnitus, dizziness, wax build up, too much pressure, sweating or moisture, blisters, itching and/or rashes, plugged or fullness and their consequences like headache and/or ear pain, may be resolved or reduced by your hearing care professional. Conventional hearing aids have the potential to expose patients to higher levels of sound exposure, which might result in threshold shifts in the frequency range affected by acoustic trauma.

Charging accessories: Please note, side effects are not derived from the charging accessories, but from the compatible hearing aids.

The primary criteria for the referral of a patient for a medical or other specialist opinion and / or treatment are as follows:

- Visible congenital or traumatic deformity of the ear;
- History of active drainage from the ear in the previous 90 days;
- History of sudden or rapidly progressive hearing loss in

one or both ears within the previous 90 days;

- Acute or chronic dizziness;
- Audiometric air-bone gap equal to or greater than 15 dB at 500 Hz, 1000 Hz and 2000 Hz;
- Visible evidence of significant cerumen accumulation or a foreign body in the ear canal;
- Pain or discomfort in the ear;
- Abnormal appearance of the eardrum and ear canal such as:
 - Inflammation of the external auditory canal
 - Perforated eardrum
 - Other abnormalities which the hearing care professional believes are of medical concern

The hearing care professional may decide that referral is not appropriate or in the best interests of the patient when the following applies:

- When there is sufficient evidence that the condition has been fully investigated by a medical specialist and any possible treatment has been provided;

- The condition has not worsened or changed significantly since the previous investigation and/or treatment.

If the patient has given their informed and competent decision not to accept advice to seek a medical opinion, it is permissible to proceed to recommend appropriate hearing aid systems subject to the following considerations:

- The recommendation will not have any adverse effects on the patients health or general well being;
- The records confirm that all necessary considerations about the patient's best interests have been made

If legally required, the patient has signed a disclaimer to confirm that the referral advice has not been accepted and that it is an informed decision.

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






Feedback, poor sound quality, too loud or too soft sounds, inadequate fitting or problems when chewing or swallowing, can be resolved or improved during the fine-tuning process at the fitting procedure by your hearing care professional.


Any serious incident that has occurred in relation to the hearing aid and charging accessories should be reported to the manufacturer representative and the competent authority of the state of residence. The serious incident is described as any incident that directly or indirectly led, might have led or might lead to any of the following:


- a) the death of a patient, user or other person
- b) the temporary or permanent serious deterioration of a patient's, user's or other person's state of health
- c) a serious public health threat


To report an unexpected operation or event, please contact the manufacturer or a representative.

26.1 Hazard warnings


-  Your device operates between 2.4 GHz and 2.48 GHz frequency range. When flying please check if flight operator requires devices to be switched into flight mode, see corresponding chapter regarding flight mode in this user guide.
-  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 charger in explosive areas (mines or industrial areas with danger of explosions, oxygen rich environments or areas where flammable anesthetics are handled). The device is not ATEX certified.
-  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.


 In very rare cases if not securely attached, a dome or cerumen stop can remain in your ear canal when removing the hearing aid from the ear. In the unlikely case that such part gets stuck in your ear canal, it is strongly recommended to see a physician for safe removal.


 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.


 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. battery handling tool, EasyPhone magnet, etc.) at least 15 cm (6 inches) away from the active implant.


 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 chargers, use only IEC 60950-1*, IEC 62368-1 or IEC60601-1 certified equipment with an output rating of 5 VDC. Min. 500mA.
-  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.

 **WARNING:** This device uses a lithium button/coin battery. These batteries are hazardous and can cause severe or fatal injuries in 2 hours or less if they are swallowed or placed inside any part of the body, whether the battery is used or new! Keep out of the reach of children, individuals with cognitive impairment, or pets. If you suspect that a battery was swallowed or placed inside any part of the body, immediately consult your physician without any delay!

-  The majority of hearing aid users have a hearing loss for which a deterioration in hearing is not to be expected with regular use of a hearing aid in everyday situations. Only a small group of hearing aid wearers with hearing loss, may be at risk of deterioration in hearing after a long period of use.
-  Cables and cords wrapped around the neck may cause strangulation. Do not leave the device and its components unattended with children, individuals with cognitive impairment or pets.
-  Only authorized personnel are allowed to open the chargers and Power Pack due to possible electrical hazard.

- ⚠ Do not touch the contacts of the charger when powered.
- ⚠ Charger and power supply must be protected against shocks. If the charger or power supply is damaged after a shock, the devices must not be used anymore.
- ⚠ Tamper-proof solutions for the detachable parts (e.g., battery door and ear-hook) must be attached for children younger than 36 months to prevent accidental ingestion or inhalation of small parts. In the event that one of these tamper-proof solutions is damaged, the device should be brought to your hearing care professional for repair or exchange.
- ⚠ The hearing aid is a small device containing small parts that could be swallowed, inhaled or cause damage to soft tissue (e.g., eyes). If swallowed, inhaled, or inserted into soft tissue consult a physician or hospital immediately as the hearing aid or its small parts can cause choking, aspiration, or soft tissue injury.

- ⚠ Do not place these rechargeable devices in your checked-in luggage when traveling by plane as they contain lithium-ion batteries. The devices should be placed in your carry-on/hand luggage.
- ⚠ Only use the device according to the environmental conditions specified in chapter 18. Using the device otherwise may heat the hearing aid up to temperatures, which in the worst-case scenario can lead to skin burns.
- ⚠ The hearing aids have to be dry before charging. Otherwise the charging reliability cannot be guaranteed.

26.2 Information on product safety

- ① Phonak 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! Phonak 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 charger from heat and sunlight (never leave near a window or in the car). Never use a microwave or other heating devices to dry your hearing aid or charger (due to risk of fire or explosion). Ask your hearing care professional about suitable drying methods.
- ① Do not place the charger close to an induction cooking surface. Conductive structures inside the charger 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 charger.
- ① If you are not using your hearing aid for a long period of time, store it in a box with a drying capsule or in a well ventilated location. This allows moisture to evaporate from your hearing aid and prevents a potential impact on its performance.
- 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:

Your hearing care professional:



EC REP

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