

Phonak Solana

Behind-the-Ear hearing aids

User Guide



PHONAK

life is on

Contents

1. Welcome	5
<hr/>	
2. Important safety information: Please read before operating your hearing aid for the first time	6
Hazard warnings	6
Information on product safety	8
<hr/>	
3. Hearing aid description	10
<hr/>	
4. Step-by-step instructions for using the hearing aid	17
Step 1. Getting to know your hearing aid	17
Step 2. Battery preparation	20
Step 3. Inserting the battery	20
Step 4. Turning on the hearing aid	21
Step 5. Inserting the hearing aid	22
Step 6. Adjusting the volume control behind the ear	28
Step 7. Selecting the hearing program behind the ear	30
<hr/>	

Step 8. Removing the hearing aid	31
Step 9. Turning off the hearing aid	33
Step 10. Changing the battery	34
Step 11. Changing the battery in hearing aids with a secured battery compartment	34
<hr/>	
5. Care and maintenance	36
<hr/>	
6. Troubleshooting	38
<hr/>	
7. Wireless accessories and FM systems	39
<hr/>	
8. Service and warranty	41
<hr/>	
9. Compliance information	42
<hr/>	
10. Information and explanation of symbols	45
<hr/>	
11. For the US market only, complies with the FDA regulations	48
<hr/>	

1. Welcome

Your new hearing aid is a premium Swiss quality product. It was developed by Phonak, one of the world's leading companies in hearing technology. Your hearing aid offers the most modern digital hearing technology currently available on the market.

Please read these user instructions thoroughly in order to benefit from all the possibilities your new hearing aid has to offer. With proper use and care, you will be able to enjoy your hearing aid for many years to come.

If you have any questions, please consult your hearing care professional.

Phonak – life is on

www.phonak.com





2. Important safety information

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

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.


2.1 Hazard warnings

 Use only hearing aids that have been specially programmed for you by your hearing care professional. Other hearing aids may be ineffective and may, in certain cases, damage your hearing.




 Changes or modifications to the hearing aid that were not explicitly approved by Phonak are not permitted. Such changes may damage your ear or the hearing aid.

-
- ⚠ Hearing aid batteries are toxic if they are swallowed! Keep out of reach of children and pets. If batteries are swallowed, consult your physician immediately!
 - ⚠ If you feel pain in or behind your ear, if it is inflamed, if skin irritation or accelerated accumulations of ear wax occur, please 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.
 - ⚠ 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 hearing aid contains small parts which can be swallowed by children.

2. Important safety information

 External devices may only be connected if they have been tested in accordance with corresponding IECXXXXX standards. Only use accessories approved by Phonak AG.

2.2 Information on product safety

-  Never immerse your hearing aid in water! Protect it from excessive moisture. Always remove your hearing aid before showering, bathing, or swimming.
-  Protect your hearing aid from heat (never leave it near a window or in the car.) Never use a microwave or other heating devices to dry your hearing aid. Ask your hearing care professional about suitable drying methods.
-  When you are not using your hearing aid, leave the battery compartment open so that any moisture can evaporate. Make sure that you always completely dry your hearing aid after use. Store the hearing aid in a safe, dry and clean place.

-
- ① Do not drop your hearing aid! Dropping onto a hard surface can damage your hearing aid.
 - ① Always use new batteries for your hearing aid. You can return used batteries to your hearing care professional.
 - ① Remove the battery if you are not using your hearing aid for a long period of time.
 - ① X-ray radiation (e. g. CT scans, MRI scans) may adversely affect the correct functioning of your hearing aids. We recommend that you remove them before undergoing X-ray procedures and keep them outside the room.
 - ① Do not use your hearing aid in areas where electronic equipment is prohibited.

3. Hearing aid description

The following user instructions describe different hearing aid models: **The Petite, microM, microP and SP** hearing aids.

The different hearing aids can be adapted with a variety of earmolds.

On the following pages use the labeled drawings to identify the hearing aid and the earmold that you use.

Your hearing care professional will tell you what size of battery you need for your hearing aid.

microP and SP models

Option A: with classic earmold

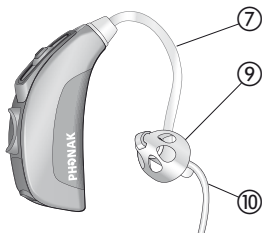


- ① Right or left indicator (right=red, left=blue), placed in the battery compartment
- ② Battery compartment with ON/OFF switch
- ③ Volume control
- ④ Program button
- ⑤ Microphone input with Wind and Weather Protector
- ⑥ Hook /sound output
- ⑦ Hearing tube
- ⑧ Classic earmold

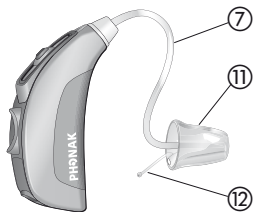
3. Hearing aid description

microP and SP models

Option B: with dome



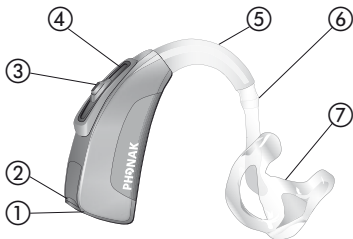
Option C: with SlimTip



- ⑦ Hearing tube
- ⑨ Earmold: Dome
- ⑩ Retention
- ⑪ Earmold: SlimTip
- ⑫ Removal handle

microM model

Option A: with classic earmold



- ① Right or left indicator (right=red, left=blue), placed in the battery compartment
- ② Battery compartment with ON/OFF switch
- ③ Program button or volume control
- ④ Microphone input with Wind and Weather Protector
- ⑤ Hook /sound output
- ⑥ Hearing tube
- ⑦ Classic earmold

3. Hearing aid description

microM model

Option B: with dome



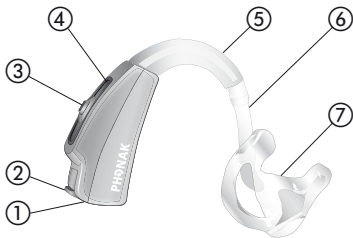
Option C: with SlimTip



- ⑥ Hearing tube
- ⑧ Earmold: Dome
- ⑨ Retention
- ⑩ Earmold: SlimTip
- ⑪ Removal handle

Petite model

Option A: with classic earmold



- ① Right or left indicator (right=red, left=blue), placed in the battery compartment
- ② Battery compartment with ON/OFF switch
- ③ Program button
- ④ Microphone input with Wind and Weather Protector
- ⑤ Hook /sound output
- ⑥ Hearing tube
- ⑦ Classic earmold

3. Hearing aid description

Petite model

Option B: with dome



Option C: with SlimTip



- ⑥ Hearing tube
- ⑧ Earmold: Dome
- ⑨ Retention
- ⑩ Earmold: SlimTip
- ⑪ Removal handle

4. Step-by-step instructions for using the hearing aid

The following chapter provides step-by-step instructions on how to use your hearing aid. Please follow these steps carefully. In the drawings, the parts that are particularly important for each step are shown in green.

Step 1. Getting to know your hearing aid

Take the hearing aid in your hand and try out the hearing aid controls. This will make it easier for you to feel and operate the controls later on when wearing the hearing aid.

4. Using the hearing aid

microP and SP models

To increase the volume, press the volume control upwards. To decrease the volume, press the volume control downwards (Fig. 1a) (for microP and SP models only, the microM and Petite models do not have a volume control).

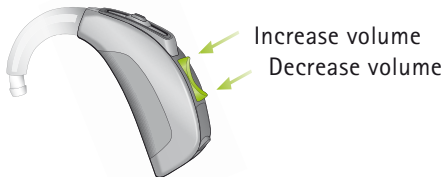


Fig. 1a

In order to change a hearing program, press the program button displayed (Fig. 1b).



Fig. 1b

microM and Petite models

Your hearing care professional can configure your hearing aid (push) button as either a volume control or a program selector.

To increase the volume, press the button on your right hearing aid. To decrease the volume, press the button on your left hearing aid (Fig. 1c), (available for microM model only).

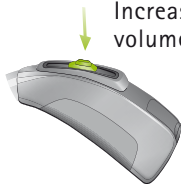
Decrease
volume



Left hearing aid

Fig. 1c

Increase
volume



Right hearing aid

In order to change a hearing program, press the button displayed (Fig. 1d).



Fig. 1d

4. Using the hearing aid

Step 2. Battery preparation

Remove the protective foil from the new battery (Fig. 2). Wait for two minutes before inserting to activate the battery.

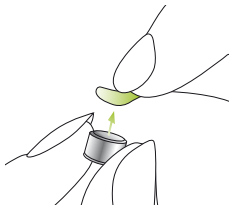


Fig. 2

Step 3. Inserting the battery

Take the hearing aid in your hand (Fig. 3a) and open the battery door. Insert the battery so that you see the + symbol on the battery (Fig. 3b).



Fig. 3a



Fig. 3b

Step 4. Turning on the hearing aid

Switch on the hearing aid by closing the battery compartment (Fig. 4).

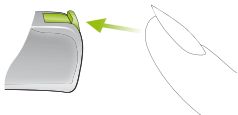


Fig. 4

- ① Open and close the battery compartment gently and carefully.
- ① Check if you feel resistance when closing the battery compartment. Check to make sure the battery is correctly inserted and in the correct direction. If the battery is inserted the wrong way, the hearing aid will not work and the battery compartment can be damaged.

4. Using the hearing aid

The hearing aid is now switched on. It can take up to 15 seconds before it starts. (When you wear the hearing aid, you will hear an acoustic signal).

Step 5. Inserting the hearing aid

This step shows you how to correctly insert the hearing aid. The instructions apply for all hearing aid models. The type of earmold determines how the hearing aid is inserted.

- ① Each hearing aid is individually programmed for your right or left ear. For the first step identify right and left so you will be able to insert your hearing aid in the correct ear.

Step 5.1 Identifying the hearing aid for the right and left ear

Color indicator:

right = red

left = blue



Fig. 5a

4. Using the hearing aid

Step 5.2 Inserting the hearing aid with classic earmold

With your right hand, take your earmold for the right ear (red mark on the hearing aid, see step 5.1) between your thumb and forefinger (Fig. 5b).

Take the earmold up to your ear (Fig. 5b). Place the ear canal part of the earmold into your ear canal (see the part circled in green (Fig. 5b)). Next place the hearing aid behind your ear (Fig. 5c). Then insert the upper part of the earmold into the upper part of the bowl of your ear (Fig. 5d).

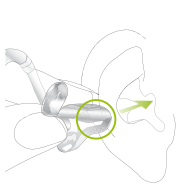


Fig. 5b



Fig. 5c



Fig. 5d

If you have problems inserting the hearing aid, use your other hand to gently pull your earlobe downwards. This opens the ear canal a little more and you can rotate the earmold until it fits correctly.

Check the fit by running your finger over the bowl of the ear. You know it fits correctly if, when doing so, you feel the contour of the bowl of the ear and not the hearing aid (Fig. 5e). In the beginning, please use a mirror to check.



Fig. 5e

You have now successfully inserted the right hearing aid. Now insert your left hearing aid in the same way (marked in blue, see step 5.1).

4. Using the hearing aid

Step 5.3 Inserting the hearing aid with a dome

With your right hand, place the right hearing aid (red mark on the hearing aid, see step 5.1) behind your right ear (Fig. 5f). Place the hearing tube between your thumb and forefinger. Insert the dome deep enough into the ear canal so that the hearing tube lies flat on your ear (Fig. 5g). If your hearing aid has a retention cord, then press it into the bowl of the ear in order to retain the dome in the ear canal (Fig. 5h).



Fig. 5f

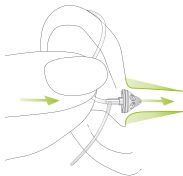


Fig. 5g

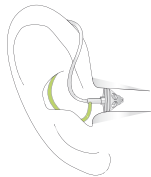


Fig. 5h

If you have problems inserting the hearing aid, use your other hand to gently pull your earlobe downwards. This opens the ear canal a little more and you can rotate the dome until it fits correctly.

You have now successfully inserted the right hearing aid. Now insert your left hearing aid in the same way (marked in blue, see step 5.1).

Step 5.4 Inserting the hearing aid with a SlimTip

Follow the instructions in Step 5.3, as this procedure is identical.

4. Using the hearing aid

Step 6. Adjusting the volume control behind the ear

To increase the volume on a microP or SP model (for the microM model refer to page 29) press the volume control upwards. To decrease it, press the volume control downwards using your forefinger. Use your thumb to lightly support the hearing aid (Fig. 6a).

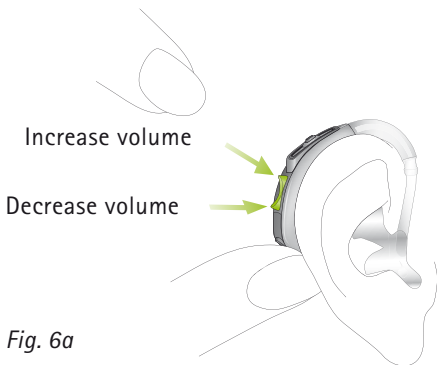
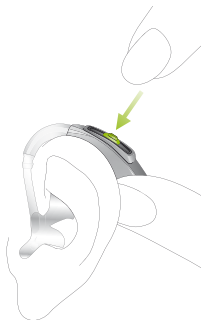


Fig. 6a

Your hearing care professional can configure your hearing aid (push) button as either a volume control or a program selector (not available for Petite model).

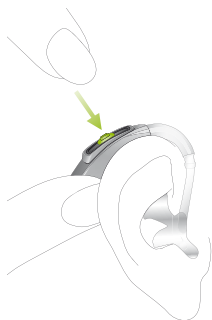
To increase the volume on a microM model, press the button on your right hearing aid. To decrease the volume, press the button on your left hearing aid. Use your thumb to lightly support the hearing aid (Fig. 6b).

Decrease volume



Left hearing aid

Increase volume



Right hearing aid

Fig. 6b

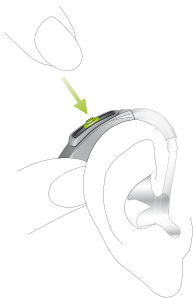
4. Using the hearing aid

Step 7. Selecting the hearing program behind the ear

In order to select or change a hearing program with a microP or SP hearing aid, press the program button displayed (Fig. 7a). For a microM or Petite hearing aid press the program button displayed (Fig. 7b).



*Fig. 7a: microP and
SP models*



*Fig. 7b: microM and
Petite models*

If you press it again, you change to the next program.
A signal indicates the change.

A signal tone can only be easily heard if you have turned on the hearing aids and you are wearing it correctly behind the ear.

Step 8. Removing the hearing aid

Step 8.1 Removing the hearing aid with classic earmold

Take the hearing aid behind your ear (do not touch the tube!) and lift it above the upper part of your ear and then gently let go (Fig. 8a).

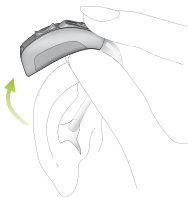


Fig. 8a

Use your thumb and forefinger to grasp the earmold in your ear (not the tube!) and gently remove it from your ear (Fig. 8b).

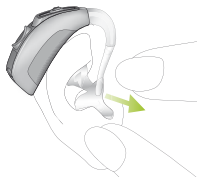


Fig. 8b

4. Using the hearing aid

Step 8.2 Removing the hearing aid with a dome

Grasp the hearing aid by the hearing tube and carefully remove it from your ear (Fig. 8c).

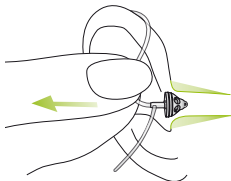


Fig. 8c

⚠ 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.

Step 8.3 Removing the hearing aid with SlimTip

Follow the instructions in Step 8.2, as this procedure is identical.

Step 9. Turning off the hearing aid

You can turn off your hearing aid by opening the battery compartment (Fig. 9).

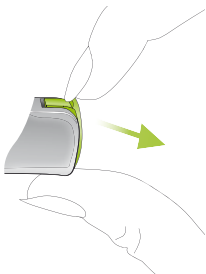


Fig. 9

4. Using the hearing aid

Step 10. Changing the battery

Before the battery is completely empty, your hearing aid will indicate to you that the battery soon needs to be changed with an acoustic signal. Once this happens, you have about 30 minutes (in some cases longer) to change the battery. The battery warning signal is repeated every half hour. We recommend that you always keep a spare battery on hand.

Step 11. Changing the battery in hearing aids with a secured battery compartment

The microM, microP and SP models have the option to be fitted with a tamper proof battery compartment if needed for safety reasons. The microM, microP and SP hearing aids use the same type of tamperproof battery compartment.

After you have opened the battery compartment, pull the green plastic tab with the support of a pen back until the battery is free to take out (Fig. 11a-b).

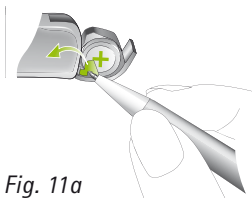


Fig. 11a



Fig. 11b

The old battery can now be replaced and a new one inserted (Fig. 11c).

Just close the battery compartment and the battery will automatically be secured (Fig. 11d).

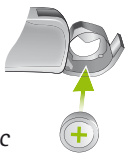


Fig. 11c

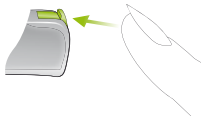


Fig. 11d

5. Care and maintenance

Diligent and routine care of your hearing aid contributes to outstanding performance and a long service life.

Please use the following specifications as a guideline:

General information

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

Never wash or clean the Wind and Weather Protector (see chapter 3). Doing so could cause it to lose its special acoustic features.

Daily

Inspect the earmold and tube for earwax and moisture deposits. Clean the surfaces with a lint-free cloth.

Never use cleaning agents such as household detergents, soap, etc. for cleaning your hearing aid. If you need to clean your hearing aid intensively, ask your hearing care professional for advice and information on filters or drying capsules.

Weekly

Clean the earmold 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.

Monthly

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.

6. Troubleshooting

Hearing aids sound softer than usual / no sound

First check whether you can adjust and make the sound louder with the volume control. Then check the hearing tube and earmold for earwax residue and clean if necessary. Check whether the battery is correctly inserted and properly fitted, adjust the fit if necessary. If there is no improvement, change the battery. If the problem persists, contact your hearing care professional.

Battery discharges too quickly

Insert a new battery and make note of exactly how long it lasts. Contact your hearing care professional with this information, they will be able to help and advise you.

Crackling or buzzing noises

Check the hearing tube and earmold for earwax residue. Check the hearing tube for damage (color changes, hardening, or cracks) and contact your hearing care professional if necessary for replacement.

Whistling

Check whether the earmold is correctly and firmly fitted. If this is the case, but the problem persists, please consult with your hearing care professional.

Pain or inflammation in your ear

Remove the hearing aid and consult with your hearing care professional. If the problem is serious, please contact your physician.

7. Wireless Accessories and FM systems

7.1 Wireless accessories

Phonak has developed a broad range of wireless accessories that allow you to best use and discreetly control your hearing aid. These include, for example, remote controls, wireless connection modules to the TV and computer, and much more. Programs and accessories that can help you make phone calls simply and more comfortably are also included in this product range.

7. Wireless Accessories and FM systems

7.2 FM systems

FM Systems are wireless communication systems consisting of a radio transmitter and a radio receiver. The transmitter is placed close to the sound source (e.g. TV/Radio/lectern). The sound is transmitted clearly and directly to the hearing aid in the form of radio signals – without disruptive background noises or echoes.

Phonak is a leader in FM communication. In order to take advantage of the benefits of these high-tech radio systems, consult with your hearing care professional.

If you already have an FM system and need additional information on using this system, please consult the relevant user instructions on the FM transmitter or the FM receiver (not available for Petite model).

For more information, please visit www.phonak.com, or ask your hearing care professional.

8. Service and warranty

Phonak offers you a comprehensive, worldwide warranty, valid starting from the date of purchase. Please ask your hearing care professional about the term of the warranty valid in the country of purchase. The warranty covers repairs in case of processing and material errors*.

No warranty claims will be considered if the hearing aid shows normal wear and tear, improper handling or care, exposure to chemicals, immersion in water or undue stress. In case of damage caused by third parties or non-authorized service, the Phonak warranty is null and void. This warranty does not cover services performed by a hearing care professional at his or her workplace.

Serial number of the
left hearing aid

Serial number of the
right hearing aid

Purchase date:

*Contact your hearing care professional

9. Compliance information

Declaration of Conformity

Hereby Phonak AG declares that this Phonak product meets the requirements of the Medical Devices Directive 93/42/EEC as well as the Radio and Telecommunications Terminal Equipment Directive 1999/5/EC. The full text of the Declaration of Conformity can be obtained from the manufacturer.

The hearing aids described in this user guide are certified under:

microP and SP hearing aids

USA FCC ID: KWC-WHSBTE1

Canada IC: 2262A-WHSBTE1

microM hearing aid

USA FCC ID: KWC-WHSSAN1

Canada IC: 2262A-WHSSAN1

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 Phonak may void the FCC authorization to operate this device.

9. Compliance information

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.

10. Information and explanation of symbols



With the CE symbol, Phonak AG confirms that this Phonak product – including accessories – meets the requirements of the Medical Devices Directive 93/42/EEC as well as the R&TTE Directive 1999/5/EC on radio and telecommunications transmitters. 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 application part of Type BF of EN 60601-1. The surface of the hearing aid is specified as application part of Type BF.

10. Information and description of symbols



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.

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.

Transport and storage conditions

During transport or storage, the temperature should not exceed the limit values of $-20^{\circ}/60^{\circ}$ Celsius and relative humidity of 65% for a long period of time. The air pressure range between 500 and 1100 hPa is appropriate.



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

11. For the US market only, complies with the FDA regulations

Warning to Hearing Aid Dispensers

A hearing aid dispenser should advise a prospective hearing aid user to consult promptly with a licensed physician (preferably an ear specialist) before dispensing a hearing aid if the hearing aid dispenser determines through inquiry, actual observation, or review of any other available information concerning the prospective user, that the prospective user has any of the following conditions:

- (i) Visible congenital or traumatic deformity of the ear.
- (ii) History of active drainage from the ear within the previous 90 days.
- (iii) History of sudden or rapidly progressive hearing loss within the previous 90 days.
- (iv) Acute or chronic dizziness.
- (v) Unilateral hearing loss of sudden or recent onset within the previous 90 days.
- (vi) Audiometric air-bone gap equal to or greater than 15 decibels at 500 hertz (Hz), 1,000 Hz, and 2,000 Hz.

-
- (vii) Visible evidence of significant cerumen accumulation or a foreign body in the ear canal.
 - (viii) Pain or discomfort in the ear. Special care should be exercised in selecting and fitting a hearing aid whose maximum sound pressure level exceeds 132 decibels because there may be risk of impairing the remaining hearing of the hearing aid user. (This provision is required only for those hearing aids with a maximum sound pressure capability greater than 132 decibels (dB).)

Important Notice for Prospective Hearing Aid Users

Good health practice requires that a person with a hearing loss have a medical evaluation by a licensed physician (preferably a physician who specializes in diseases of the ear) before purchasing a hearing aid. Licensed physicians who specialize in diseases of the ear are often referred to as otolaryngologists, otologists or otorhinolaryngologists. The purpose of medical evaluation is to assure that all medically treatable

For US market only

conditions that may affect hearing are identified and treated before the hearing aid is purchased.

Following the medical evaluation, the physician will give you a written statement that states that your hearing loss has been medically evaluated and that you may be considered a candidate for a hearing aid. The physician will refer you to an audiologist or a hearing aid dispenser, as appropriate, for a hearing aid evaluation.

The audiologist or hearing aid dispenser will conduct a hearing aid evaluation to assess your ability to hear with and without a hearing aid. The hearing aid evaluation will enable the audiologist or dispenser to select and fit a hearing aid to your individual needs.

If you have reservations about your ability to adapt to amplification, you should inquire about the availability of a trial-rental or purchase-option program. Many hearing aid dispensers now offer programs that permit you to wear a hearing aid for a period of time for a nominal fee after which you may decide if you want to purchase the hearing aid.

Federal law restricts the sale of hearing aids to those individuals who have obtained a medical evaluation from a licensed physician. Federal law permits a fully informed adult to sign a waiver statement declining the medical evaluation for religious or personal beliefs that preclude consultation with a physician. The exercise of such a waiver is not in your best health interest and its use is strongly discouraged.

Children with Hearing Loss

In addition to seeing a physician for a medical evaluation, a child with a hearing loss should be directed to an audiologist for evaluation and rehabilitation since hearing loss may cause problems in language development and the educational and social growth of a child. An audiologist is qualified by training and experience to assist in the evaluation and rehabilitation of a child with a hearing loss.

Manufacturer:

Phonak AG
Laubisrütistrasse 28
CH-8712 Stäfa
Switzerland

EU Representative:

Phonak GmbH
D-70736 Fellbach-Oeffingen
Germany

www.phonak.com



0459



029-1033-03/V1.00/2010-12/A+W/FO Printed in Switzerland
© Phonak AG All rights reserved