

microSavia Art™ CRT
Canal Receiver Technology

User Guide



PHONAK
hearing systems

CE
0459

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Welcome

Congratulations on choosing the microSavia Art CRT hearing system (CRT stands for Canal Receiver Technology), the smallest and most sophisticated external receiver instrument from Phonak. microSavia Art CRT uses the latest advances in digital hearing technology to offer you the ultimate combination of miniaturization, hearing performance and comfort.

This inconspicuous hearing system provides – in a fully automatic manner – the highest sound quality, speech understanding and listening comfort in all your personal hearing situations, and all this in a micro-sized instrument.

microSavia Art CRT is a quality product developed by the Swiss company Phonak, a world leader in hearing technology, innovation and reliability. Please read this manual carefully to benefit from all the features of your new hearing system. With proper care and usage, your microSavia Art CRT will support your hearing and understanding for many years.

If you want additional information about microSavia Art CRT, please visit the Phonak website www.phonak.com.

Phonak – your partner for good hearing!

Description

microSavia Art CRT with xReceiver and Dome for instant fit

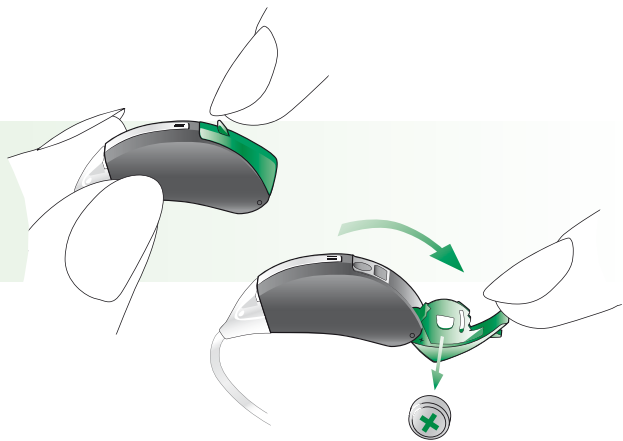
- ① Microphone inputs with Microphone Protector
- ② Battery compartment with ON/OFF switch (2 sizes: 312 standard, 10 option)
- ③ xReceiver Unit (sound output)
- ④ Dome
- ⑤ Retention



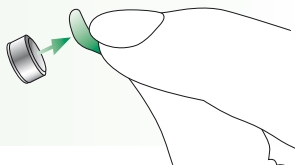
Preparation

Replacing the battery

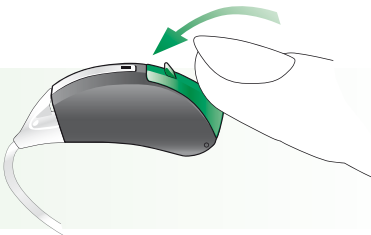
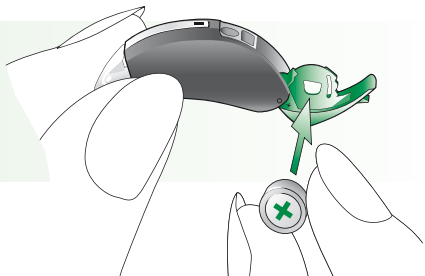
Using the nail grip, open the battery compartment completely and remove the old battery.







Remove the protective foil from the new battery.



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



Replacing the battery

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

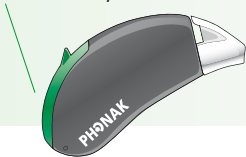
Low battery warning

An acoustic signal gives you an early warning that the battery is approaching exhaustion. Usually you have at least 30 minutes to replace the battery. With very high quality batteries, this reserve may be much higher and the hearing system will repeat the low battery warning approximately every 30 minutes.

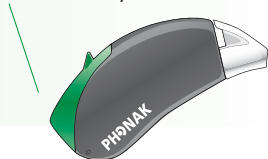
Note:

Your microSavia Art CRT hearing system offers the unique possibility to be operated either with size 312 (standard) or size 10 batteries (option). Your hearing care professional may modify the devices accordingly. The 312 battery lasts longer and is easier to handle, the 10 battery creates an even small overall instrument size (refer to picture below).

10 Battery



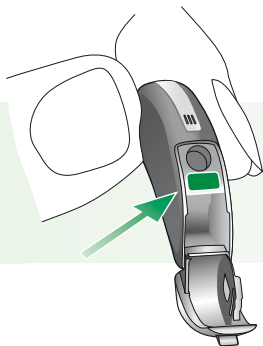
312 Battery



Identifying left and right hearing systems

It is important to use the correct instrument for each ear. Your hearing care professional can mark the instruments for you with a color code placed on the case under the nail grip of the battery compartment. The color code is visible when the battery compartment is opened. It will identify left and right instruments as follows:

Preparation



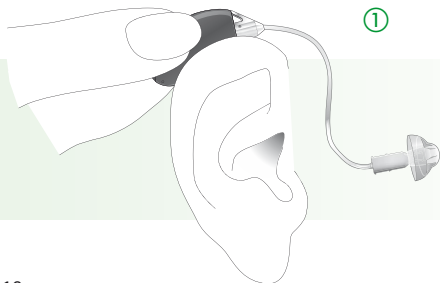
red = right hearing system

blue = left hearing system

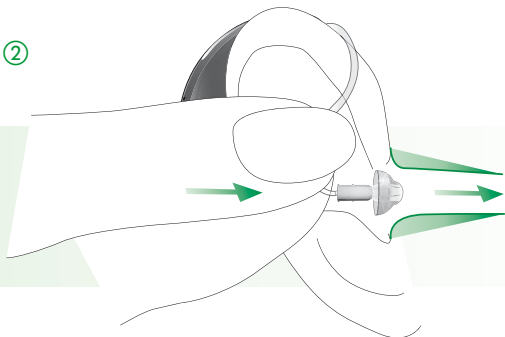
Inserting microSavia Art CRT with xReceiver and Dome into your ear

Open domes:

Hold the xReceiver Unit where it attaches to the Dome ① and gently push the Dome into your ear canal.

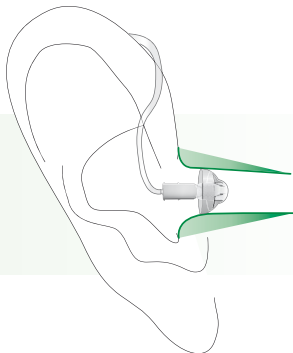


②



Place the hearing instrument over the top of your ear ②.

③



The Dome should be placed far enough into the ear so that the xReceiver Unit lies flush with your head ③.

Preparation

Closed domes:

The closed dome has a different design than the open dome, refer to picture. The closed dome consists of two fins overlapping each other. Before inserting the closed dome into the ear canal it is important to check the position of these fins. The bigger fin must be positioned over the smaller fin, see picture ④. If the position is incorrect ⑤, you can easily adjust it with one finger, just bend smoothly the bigger fin forwards and then back again so that it is overlapping the smaller one, see picture ⑥. Make also sure that the slit of the closed dome is in a horizontal position on the tube unit, as shown in picture ④. Your closed dome and external receiver unit is ready to be inserted into the ear, refer to page 10.

Correct position

④



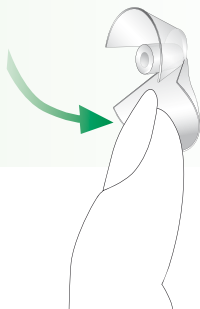
Wrong position

⑤



Moving the fins

⑥



Fine tuning based on your personal preferences

The fitting process has limited capabilities of reproducing the full spectrum of your personal sound environments. This limitation is now overcome by the ability of microSavia Art CRT hearing system to learn from your real life volume adjustments. microSavia Art CRT hearing system offers a unique functionality called "Self Learning". In every environment, it logs your personal volume changes within the hearing instrument. This means that every time you change the volume of your microSavia Art CRT hearing system, this correction is taken into account to apply your preferred volume automatically when you are in a similar environment next time.

Self Learning cleverly ensures that your volume corrections in each environment contribute to a fully personalized volume setting.

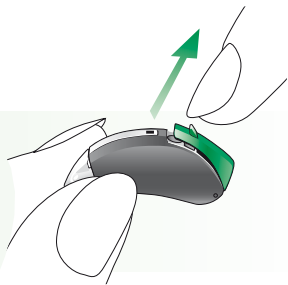
To fully benefit from this Self Learning feature, please ask your hearing care professional to demonstrate to you the available remote controls for your hearing system.

Operation

Switching ON/OFF

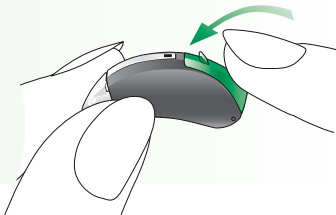
Switching OFF

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



Switching ON

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



Your hearing care professional may have delayed the start-up of your microSavia Art CRT hearing system (9 or 15 seconds once it is switched on), in order to avoid any disturbance when placing it on your ear. The start-up is confirmed by an acoustic signal.

Operation

Telecoil (T-coil):

Your hearing care professional may have activated a T-coil program in your microSavia Art CRT hearing systems.

The programs with T-coil are used with telephones that are compatible with hearing systems or with inductive loop systems (present in some school settings, theatres, churches, etc.) as well as other wireless solutions (e.g. Phonak MyLink FM system).

You can activate the T-coil program with the remote control.

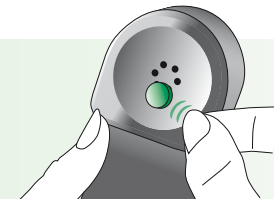
EasyPhone^{plus} (optional)

The EasyPhone^{plus} function enables your microSavia Art CRT hearing system to automatically select your telephone program when the telephone handset is held close to your ear. An acoustic signal confirms the switching.

It automatically returns to the previous hearing program when the telephone handset is removed from your ear.

Some telephones produce a magnetic field strong enough to activate your EasyPhone^{plus} function. Most types of telephones require an additional magnet fixed on the handset to activate this function.

Fixing the EasyPhone^{plus} magnet



Clean the telephone handset thoroughly.

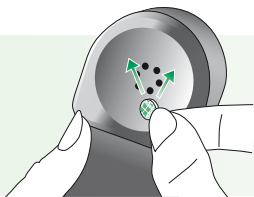
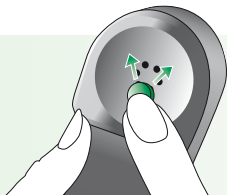
Hold the telephone handset nearly vertically, similarly to making a telephone call. Hold the magnet near the "listening end" of your telephone handset and release it.

Operation

If you hold the telephone receiver in your **right hand** when making telephone calls, position the magnet in the **upper right half** of the receiver.

If you hold the telephone receiver in your **left hand** when making telephone calls, position the magnet in the **upper left half** of the receiver.




Use the double-sided adhesive tape to stick the magnet to the location described above. Do not cover the sound openings of your handset.



Use of EasyPhone^{plus}

Use the telephone in a normal manner. An acoustic signal indicates the activation of the EasyPhone^{plus} program. At the beginning, you may need to move the handset slightly to find the optimum position for a reliable switching and comfortable hearing.

If necessary, move the magnet to another position on the handset to increase your comfort of use.

-  Keep magnets out of reach of children and pets. If a magnet is swallowed, please seek the advice of a medical practitioner.
-  The magnet used to strengthen the magnetic field of your phone may affect some medical devices or electronic systems.
Always keep the magnet (or the telephone equipped with the magnet) at least 30 cm (12") away from pacemakers, credit cards, floppy disks or other magnetically sensitive devices.
-  Too high distortion during dialing or phoning may mean that the phone receiver is stressed by the magnet. To avoid any damage, please move the magnet to another place on the telephone receiver.

Remote control (optional)

Remote controls from Phonak allow for discreet and convenient control of all the functions of your microSavia Art CRT hearing system:

- Volume up
- Volume down
- Program changes

If you wear two microSavia Art CRT hearing instruments, the remote control will simultaneously control both of them. This ensures that their volume remains binaurally balanced.

Phonak offers a complete range of modern remote controls. Ask your hearing care professional to demonstrate them to you. Choose the model that is most convenient for your lifestyle and your taste.

WatchPilot2: exclusive and modern, available for women and men, with sporty rubber band or elegant metal band. Also recommended for MyLink users (Wireless System)

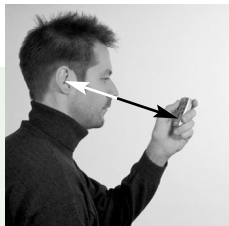


SoundPilot2: direct access to all functions of your microSavia Art CRT hearing system. Also recommended for MyLink users (Wireless System)




Operation

KeyPilot2: small, easy and convenient.



For best results with your KeyPilot or WatchPilot remote control, refer to the photo.

For detailed information on the use of your remote control, please refer to its user guide. Your hearing care professional can also print an individual description of your hearing programs for you.

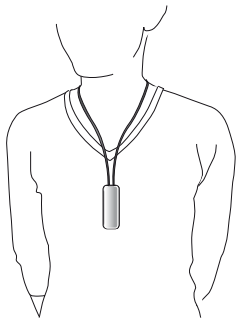
 Do not use your remote control in locations where it is forbidden to use electronic devices, for instance on airplanes.

Wireless Systems – MyLink (optional)

Your microSavia Art CRT hearing system allows you to fully benefit from the Wireless Systems from Phonak.

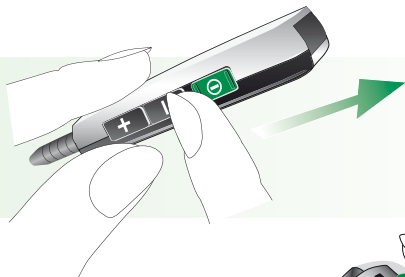
Wireless Systems greatly improve communication when noise, distance or reverberation is a problem. A Wireless System consists of a transmitter (e.g. SmartLink SX or EasyLink) and a receiver (MyLink). The transmitter is placed near the sound source. It may also be directly connected to your TV set, radio or telephone or linked via Bluetooth to your mobile phone. The signal is transmitted wirelessly via the MyLink receiver to your microSavia Art CRT hearing system.

The MyLink receiver can be worn over or under your clothes.



Using MyLink

- 1) Wear MyLink around your neck
- 2) Switch MyLink ON



- 3) Switch the transmitter ON (e.g. SmartLink SX) by holding it in front of you, from a distance of 20-30 cm (8-12 inches).



Wireless Systems – MyLink (optional)

The transmitter automatically selects the telecoil and microphone program of your microSavia Art CRT so you can hear the voice picked up by the transmitter and the voice picked up by the hearing system's microphone.

- 4) Your Wireless System is now ready to operate.
To increase/decrease the volume of the wireless signal, use the MyLink volume control.

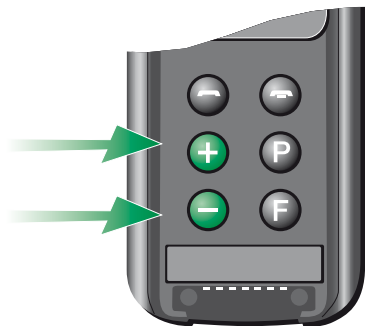


Volume up



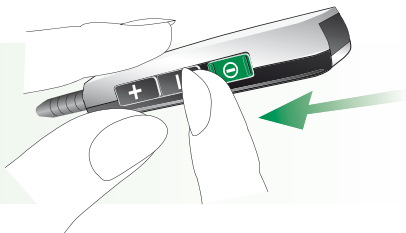
Volume down

For SmartLink users: To increase/decrease the volume of the microSavia Art CRT system, press here:



Please consult the SmartLink SX or EasyLink User Guide to fully benefit from your Wireless System in all the different use cases.

5) Switch MyLink OFF



Maintenance

The wax system on your tube external receiver

The external Receiver unit has an exchangeable Cerustop wax system. Only this system shall be used. Contact your hearing care professional for more information.

Protective case

Phonak developed a special protective case to securely store your hearing system, batteries and accessories.

Store your microSavia Art CRT hearing system in its protective case when not in use and leave the battery compartment in the OFF position (as described on page 15) to allow any moisture to evaporate. Remove the batteries if you will not be using your hearing system for any length of time.

- ① Left hearing system
- ② Right hearing system
- ③ Batteries



Microphone Protector

Important: The Microphone Protector is an exclusive Phonak system designed to protect the microSavia Art CRT high-tech microphones from dirt. The Microphone Protector can be replaced if needed. Your hearing system should not be used without the Microphone Protector.

Your hearing care professional can tell you whether the Microphone Protector should be exchanged or not.



Important: Consult your hearing care professional about changing the Microphone Protector if you experience any of the following:

- The hearing system sounds quieter than usual.
- There is a reduction in sound quality.
- Understanding in noise becomes more difficult.
- It becomes more difficult to determine the direction of sounds.

Important points

- 1) Always use new batteries as replacements. You can return empty batteries to your hearing care professional.
- 2) Protect your hearing system from excessive moisture and heat. Always remove your hearing system before showering, bathing or swimming. Do not leave your hearing system near windows or in a car. Avoid strong jolts and vibration.
- 3) Daily cleaning and the use of a drying system is highly recommended. We recommend CleanLine from Phonak to care for your microSavia Art CRT hearing system. Your hearing care professional will gladly advise you. Never use household cleaning products (washing powder, soap, etc.) to clean your hearing system.





Maintenance

- 4) Hair spray, face creams and make-up can damage your hearing system. Remove the instruments before applying cosmetics.
- 5) If you experience any soreness or inflammation in or behind your ear, contact your hearing care professional.
- 6) If your hearing system fails to operate after you have correctly inserted new batteries, contact your hearing care professional for advice. Please remember to also bring your remote control, if you use one, together with your hearing system for service inquiry.



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

Warning

-  **Hearing systems batteries are toxic when swallowed!** Keep them out of reach of children and pets. If batteries are swallowed, please seek the advice of a medical practitioner!
-  **Use only hearing systems that have been specially programmed for you by a hearing care professional.** Other instruments may be ineffective and may, in certain cases, even damage your hearing.
-  **X-ray radiation (e.g. CT scans, MRI scans) may adversely affect the correct functioning of your instruments.** We recommend that you remove them before undergoing X-ray procedures and keep them outside the room.
-  **Hearing systems in directional microphone mode (dSZ) reduce mainly background sounds.** Warning signals coming from behind and vehicles' horns approaching from behind are partially or completely suppressed.

Service and Warranty

Phonak offers you a comprehensive global warranty which becomes effective on the date of purchase. Please ask your hearing care professional about the details and duration. This warranty covers any repairs due to defects in material and/or workmanship.

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

This warranty applies to the Phonak products listed below:

Serial numbers:

Instrument – right:

Instrument – left:

Date of purchase:

Phonak distributors worldwide

Group companies:	(detailed information on www.phonak.com)
Australia	Phonak Australasia Pty. Ltd. Baulkham Hills N. S. W. 2153
Austria	Hansaton Akustische Geräte GmbH 5020 Salzburg
Belgium	Lapperre N.V., 1702 Groot-Bijgaarden
Brazil	CAS Produtos Médicos São Paulo – SP 04363-100
Canada	Phonak Canada Limited Mississauga, Ontario L5S 1V9
China	Phonak (Shanghai) Co. Ltd., Shanghai City 200233
Denmark	Phonak Danmark A/S, Nitvej 10 2000 Frederiksberg
France	Phonak France SA, 69500 Bron
Germany	Phonak GmbH, 70736 Fellbach-Oeffingen EC Representative
Italy	Phonak Italia S.r.l., 20159 Milano
Japan	Phonak Japan Co., Ltd., Tokyo 101-0044
Jordan	Phonak Middle East, 11181 Amman
Netherlands	Phonak B.V., 3439 ME Nieuwegein
New Zealand	Phonak New Zealand Ltd., Takapuna Auckland 9
Norway	Phonak AS, 0105 Oslo
Poland	Phonak Polska Sp. z o.o., 00-567 Warszawa
Spain	Phonak Ibérica S.A., 03008 Alicante
Sweden	Phonak AB, 117 43 Stockholm
Switzerland	Phonak AG, Phonak Schweiz, 8712 Stäfa
United Kingdom	Phonak UK Limited Warrington, Cheshire WA1 1PP
USA	Phonak LLC, Warrenville, IL 60555-3927

**Independent
general agents:**

A complete list of Phonak distributors is available at Phonak's Internet site: www.phonak.com. Please visit us or ask your hearing care professional for information.

Manufacturer:

Phonak AG, Laubisrütistrasse 28
CH-8712 Stäfa, Switzerland



The CE symbol is confirmation by Phonak AG that microSavia Art CRT products and accessories meet the requirements of directive 93/42/EEC on medical devices.



This symbol indicates that microSavia Art CRT products comply with requirements for a BF type applied part according to EN 60601-1.

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

Operating conditions The hearing system has been designed for trouble-free operation under all ordinary climatic conditions.

Transportation and storage conditions Temperature should not exceed limits of $-20^{\circ}/60^{\circ}$ Celsius at a relative air humidity of 65% for extended periods during transportation and storage. Air pressure between 500 and 1100 hPa is not detrimental to the instrument.



Your hearing care professional:

www.phonak.com