

Cochlear™

Nucleus® Aqua+
Recipient Kit Instructions

Courtesy of CochlearImplantHELP.com



Hear now. And always

Cochlear®

Notes

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Courtesy of CochlearImplantHELP.com

Cochlear™ Nucleus® Aqua+ Recipient Kit

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The **Cochlear™ Nucleus® Aqua+** is a re-usable sealable sleeve that, when used with the Aqua+ coil, keeps your sound processor dry during use in or around water (e.g. when swimming, surfing, or just having fun splashing around). It has a built-in ear hook and is worn behind the ear with your sound processor sealed inside.

Please read instructions carefully. In order to receive the intended benefits, the device must be used in accordance with these instructions. Improper use may result in damage to the sound processor.

The Cochlear™ Nucleus® Aqua+ is intended for use by recipients 12 months or older using the CP810, CP910, and CP920 sound processors with rechargeable batteries. It should only be used by recipients who can either remove the sound processor themselves if it's causing discomfort or who can indicate any discomfort to their parent or caregiver. For young children or individuals who cannot provide feedback, the Aqua+ should be used under close supervision.

You may notice a difference in sound quality when using the Aqua+.

You must use rechargeable batteries for your sound processor to work inside Aqua+. Zinc air batteries will not work as they need air and there is no air inside Aqua+ when it's sealed.

The **Cochlear™ Nucleus® Aqua+ Coil** (with integrated coil cable) is used in place of your usual coil and coil cable while your sound processor is inside your Aqua+. It has a special plug that creates a seal when connected to your sound processor's coil socket through the coil plug hole in Aqua+. As with your usual coil, a coil magnet screws into the Aqua+ coil and holds it against your implant.

The magnet strength and placement when used with Aqua+ should be the same as your standard coil.

The **Cochlear™ Nucleus® Mic Lock-Stirrup** is a retention option to hold Aqua+ more securely behind your ear. The stirrup connects to the base of Aqua+ and the Mic Lock tube (when cut to size) passes under the ear lobe and connects to the Aqua+ earhook.

The **Cochlear™ Nucleus® Safety Line** is a retention option to help prevent accidental loss of your Aqua+ by securing it to your clothing with a snap-lock clip.

Remotes and wireless accessories can be used with Aqua+ if they are suitable for use in or around water.

Testing shows Aqua+ can be used for 2 hours and at depths of up to 3 metres.

Testing shows Aqua+ can be re-used up to 50 times, but this may vary depending on your particular use of it.

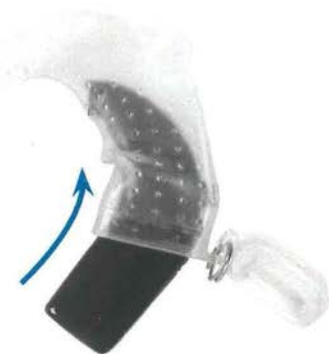
Instructions for Cochlear™ Nucleus® Aqua+

Before you get wet...

- 1 Carefully remove your usual earhook and unplug your usual coil from the sound processor (see your sound processor's user guide for specific instructions).



- 2 Insert your sound processor into Aqua+. You don't have to attach the Aqua+ earhook to your sound processor.



Don't forget you must be using rechargeable batteries for your sound processor to work inside Aqua+.

- 3 Plug the blue Aqua+ coil (with magnet) straight into your sound processor through the hole in Aqua+. **Do not twist.** The coil plug should feel securely connected.



- 4 Insert the plug into the base of Aqua+. To make a good seal, push the plug in as far as it will go (like a cork).



- 5** If you're worried about losing Aqua+ (e.g. in the surf), use the safety line to secure Aqua+ to your clothing.



- 6** If you're concerned about keeping Aqua+ on your ear, attach a Mic Lock-Stirrup (or another retention aid).



See 11 for instructions on cutting Mic Lock-Stirrup to fit your ear.

Notes on retention

For young children, the sound processor with Aqua+ may be too bulky or heavy for successful retention without retention aids.

A swimcap or goggles do not interfere with the Aqua+ and can be used as retention aids. This can be useful for young children or others who may have difficulty with retention of the Aqua+.

Use of additional retention aids such as a swimcap may reduce the transmission of sound to the sound processor's microphone.

- 7 Finally, do the **Aqua+ Checklist** to make sure you're ready to get wet!



- 8 Have fun!

After getting wet... Care and storage

- 1 Rinse Aqua+ with clean water and dry with a soft cloth.
- 2 Unplug the blue Aqua+ coil. Pull the plug straight out; **do not twist**.



- 3 Open Aqua+ and remove your sound processor.



- 4 Re-attach your usual coil and earhook.



- 5 Place Aqua+ and the blue Aqua+ coil in your dry aid kit overnight.



- 6 Once they're thoroughly dry, store Aqua+, the blue Aqua+ coil and any accessories in your Cochlear™ Nucleus® Storage Case.



Instructions for Cochlear™ Nucleus® Aqua+ Coil

- 1 Insert the Cochlear™ Nucleus® CP900 Series Magnet into the hole in the blue Aqua+ coil. Turn clockwise until the magnet is set at a comfortable depth (check it against your implant).



Once fitted, leave the magnet in your blue Aqua+ coil.

If the coil magnet is too strong or is in contact with the skin, pressure sores may develop at the coil site. If this happens, or if you experience any discomfort in this area, contact your clinician.

Instructions for Cochlear™ Nucleus® Safety Line

- 1 Thread the loop end of the safety line through the Aqua+ ring.



- 2 Create a knot by passing the clip end of the safety line through the safety line loop.



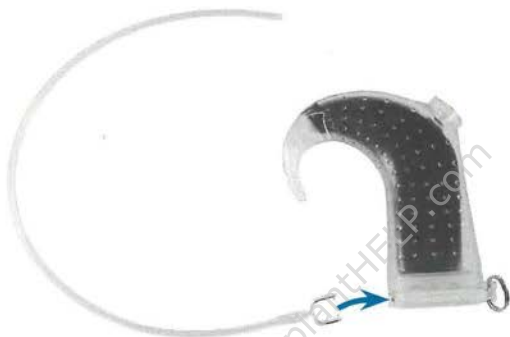
- 3 Lift the lever to open and close the clip.



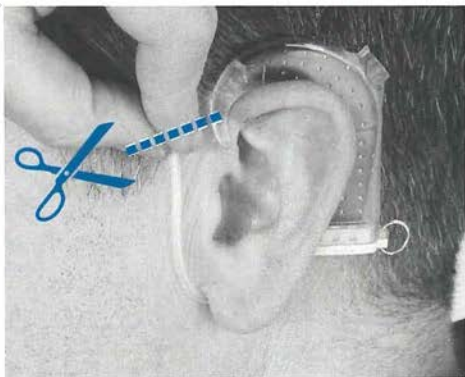
Instructions for Cochlear™ Nucleus® Mic Lock-Stirrup

Before using Mic Lock-Stirrup for the first time, cut it to the right length to suit your ear.

- 1 Snap the stirrup into the dimples at the base of Aqua+.



- 2 Find the right length of tubing to hold Aqua+ in place comfortably behind your ear. Cut the tubing to the required length.



- 3 Push the cut end of the tubing over the earhook, all the way up to the notch on the earhook.



- 4 Wear your Aqua+ with Mic Lock-Stirrup. You can leave Mic Lock-Stirrup attached to Aqua+.



Warnings

If your sound processor becomes unusually warm, remove it immediately and seek advice from your clinician. Parents/caregivers: if your recipient indicates discomfort, check if their sound processor is unusually warm.

Small parts (e.g. coil magnets) may be a choking hazard.

The Aqua+ and sound processor should be protected from excessive heat sources such as prolonged exposure to bright sunlight. Before wearing the Aqua+ and sound processor, check the surface to ensure it is not too hot to wear without discomfort to skin.

Exposure of the sound processor and Aqua+ to temperatures above the operating range (+5 – 40 °C, +41 – 104 °F) could lead to increased risk of sound processor shutdown or malfunction due to overheating.

Do not apply continued pressure to the coil when in contact with the skin (e.g. sleeping while lying on coil, or using tight fitting headwear).

Store spare coil magnets safely and away from cards that may have a magnetic strip (e.g. credit cards, bus tickets, etc).

No modification of this equipment is allowed. Use only as intended.

Report unexpected problems to your clinician.

Courtesy of Cochlear Implant HELP.com

Precautions

Always use Aqua+ with the blue Aqua+ coil, never with your usual coil. The blue Aqua+ coil should only be used with the Aqua+ to avoid potential cracking of the sound processor case.

When connecting the coil cable, always push the plug straight in; do not screw or twist the plug.

If the coil magnet is too strong or is in contact with the skin, pressure sores may develop at the coil site. If this happens, or if you experience any discomfort in this area, contact your clinician.

Where possible, avoid pressing the processor buttons with your fingernail as this can damage Aqua+.

If Aqua+ appears damaged or worn, replace it with a new one.

If your sound processor does get wet, dry it with a soft dry cloth and place it in your dry aid kit for at least eight hours.

Courtesy of CochlearImplantHELP.com

Other Information

Environmental conditions

Condition	Minimum	Maximum
Storage & transport temperature	-10°C (14°F)	+55°C (131°F)
Storage & transport relative humidity	0% RH	90% RH
Storage & transport pressure	250 hPa	1030 hPa
Operating temperature	+5°C (41°F)	+40°C (104°F)
Operating relative humidity	0% RH	90% RH
Operating pressure	700 hPa	1030 hPa

Environmental protection

Your Aqua+ coil contains electronic components subject to the Directive 2002/96/EC on waste electrical and electronic equipment. Help protect the environment by not disposing of your Aqua+ coil with your unsorted household waste. Please recycle your Aqua+ coil according to your local regulations

Certification and applied standards

The Aqua+ coil and the CP900 series magnet fulfil the essential requirements listed in Annex 1 of the EC directive 90/385/EEC on Active Implantable Medical Devices as per the conformity assessment procedure in Annex 2;

The year in which authorisation to affix the CE mark was granted was 2013.

Symbols

The following symbols may appear on Aqua+ components and/or packaging:



Refer to instruction manual



Specific warnings or precautions associated with the device, which are not otherwise found on the label



Manufacturer



Authorised representative in the European Community



Catalogue number



Serial number



Batch code



Date of manufacture



Temperature limits



Humidity Limitation



CE registration mark with notified body number. Indicates compliance with the requirements of the Active Implantable Medical Device Directive 90/385/EEC

Rx Only By prescription



Recyclable material



Dispose of electrical components in accordance with your local regulations

Warranty

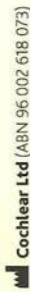
Use of the Aqua+ will not impact your Nucleus Global Limited Warranty. Your Nucleus Global Limited Warranty will not be void in circumstances where Aqua+ is used with the Aqua+ coil in water with Nucleus CP810, CP910, and CP920 Sound Processors with rechargeable batteries only, in accordance with the Aqua+ instructions.

Legal statement

The statements made in this guide are believed to be true and correct as of the date of publication. However, specifications are subject to change without notice.

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