Cochlear™

Nucleus®
Accessories Supplement
to the Cochlear™ Nucleus® CP910 and CP920 Sound Processor User Guide
About

This supplement describes how to use the accessories available for your Cochlear™ Nucleus® CP910 or CP920 (“CP900 Series”) Sound Processor. You can order audio accessories from Cochlear or talk to your clinician.

NOTE
Please also refer to your Important Information document for essential advice that applies to Cochlear implant systems.

NOTE
For details on using the range of Wireless Accessories, see the Cochlear Wireless Accessories User Guide.

Symbols used in this guide

- Overview
  This is how the accessory fits together with your processor.

- Ready to use
  The finished configuration of the accessory.

- Tip
  Time saving hint.

- Warning (harmful)
  Potential safety hazards and serious adverse reactions. Could cause harm to person.
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LiteWear

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LiteWear cable, case, and fixing aids

The Cochlear™ Nucleus® CP900 Series LiteWear Cable allows any standard (not compact) battery module to be worn on the body – so only the processing unit is worn on the ear.

LiteWear is made up of a LiteWear cable (A), a LiteWear case (B) and a choice of LiteWear fixing aids (C).

Use a Mic Lock-Stirrup to help hold a processor with a LiteWear cable securely on the ear. See Mic Lock-Stirrup (for LiteWear) on page 8.

Overview
This is how the accessories fit together with your processor.

Instructions
Attach the fixing aid appropriate to your needs (*the others are shown below).

It should snap firmly into place.

Ready to use
*The other fixing aids attach to the case in the same way.

**TIP**
To help prevent tampering, attach the LiteWear case between the shoulder blades of very young children.
Mic Lock-Stirrup (for LiteWear)

Use a Cochlear™ Nucleus® Mic Lock-Stirrup to hold a processor with a LiteWear cable securely on the ear.

Overview
This is how the accessory fits together with your processor.

Instructions
The stirrup snaps into two dimples at the base of the LiteWear cable.
Find the right length of tubing to hold the processor firmly in place.
Ready to use
When correctly fitted, Mic Lock-Stirrup fits snugly around the ear to hold the processor in place.
Plug-in audio accessories turn on automatically when you plug them into your processor. You can turn them off and on again with the buttons on your processor or with your remote (see your processor or remote user guide if you don’t know how to do this).

Plug-in audio accessories cannot be connected to a CP920 sound processor as it does not have an accessory socket.

(For details on using the range of Wireless Accessories, see the Cochlear Wireless Accessories User Guide.)
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Personal audio cable

Use a Cochlear™ Nucleus® Personal Audio Cable to connect a battery-powered audio device (e.g. portable music player) to your CP910 sound processor.

WARNING
For electrical safety reasons, always use a mains isolation cable when connecting a personal audio cable to a mains-powered audio device or to a battery-powered device connected to mains power for charging. See Mains isolation cable on page 20.

Overview
This is how the accessory fits together with your processor.

Instructions
Ready to use
Bilateral personal audio cable

Use a Cochlear™ Nucleus® Bilateral Personal Audio Cable to connect a battery-powered audio device (e.g. portable music player) to your CP910 sound processors.

**WARNING**

For electrical safety reasons, always use a mains isolation cable when connecting a personal audio cable to a mains-powered audio device or to a battery-powered device connected to mains power for charging. See *Mains isolation cable* on page 20.

**Overview**

This is how the accessory fits together with your processor.

For stereo, connect the short side of the cable to the left processor and the long side to the right processor.
1

2

3

Instructions
Ready to use
Mains isolation cable

For electrical safety reasons, always use a Cochlear™ Nucleus® Mains Isolation Cable when connecting a personal audio cable (or bilateral personal audio cable) to any mains-powered audio device (e.g. computer, television) or to battery-powered device connected to mains power for charging.

Overview
This is how the accessory fits together with your processor.

Instructions

1
Connect a bilateral personal audio cable to the mains isolation cable in the same way.
Monitor earphones

Use Cochlear™ Nucleus® Monitor Earphones to check if a CP910 sound processor is working (e.g. to check the processor of a recipient in your care).

Overview
This is how the accessory fits together with your processor.

Instructions

1
To check if an audio accessory (e.g. a personal audio cable) is working, attach it to the socket in the middle of the monitor earphones cable.
Lapel microphone

To make conversations easier in noisy places, attach a Cochlear™ Nucleus® Lapel Microphone to your CP910 sound processor.

Overview
This is how the accessory fits together with your processor.

Instructions
Ready to use
Portable phone cable

Use a Cochlear™ Nucleus® Portable Phone Cable to connect a portable phone (with a 2.5 mm audio socket) to your CP910 sound processor.

If your phone has a 3.5mm audio socket, use a personal audio cable instead. See Personal audio cable on page 14.

Overview
This is how the accessory fits together with your processor.

Instructions
Ready to use
Plug-in audio accessories turn on automatically when you plug them into your processor via an adaptor. You can turn them off and on again with the buttons on your processor or with your remote (see your processor or remote user guide if you don’t know how to do this).

Plug-in audio accessories cannot be connected to the CP920 sound processor as it does not have an accessory socket.

(For details on using the range of Wireless Accessories, see the Cochlear Wireless Accessories User Guide.)
Adaptors

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Euro accessory adaptor

Use the Cochlear™ Nucleus® Euro Accessory Adaptor to connect a device with a three-pin Euro plug to your CP910 sound processor.

Do not connect Cochlear™ Baha® accessories to your CP910 sound processor.

Overview
This is how the accessory fits together with your processor.

Instructions

1
Ready to use
Freedom accessory adaptor

Use the Cochlear™ Nucleus® Freedom™ Accessory Adaptor to connect FM cables to your CP910 sound processor.

The adaptor creates a more comfortable angle between your processor and the straight plug on the FM cables.

Overview
This is how the accessory fits together with your processor.

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Battery holder O-ring

Replace your Cochlear™ Nucleus® Battery Holder O-Ring when it becomes worn or damaged.

Do not use tweezers or other sharp objects to remove the old O-ring.

Overview
This is how the accessory fits together with your processor.

Instructions

WARNING
O-rings are a potential choking hazard. Keep away from children.
Then, pushing with your other thumb nail, create a loop in the O-ring, and ease the O-ring off.
Attach a new O-ring, starting at one end of the battery holder.

Ready to use
Warnings

• Do not use excessive force, twist or pull on accessories when connecting them to the processor or at any time while they are connected.
• No modification of this equipment is allowed.
• Removable parts (e.g. Euro accessory adaptor) can be lost or may be a choking hazard.
• Remove the monitor earphones immediately if the sound level is uncomfortably loud and inform your clinician.
• Do not place the device or accessories inside any part of your body (e.g. nose, mouth).
• Parents and carers are advised that unsupervised use of long cables (e.g. LiteWear cables or personal audio cables) may present a risk of strangulation.
• Do not let your processor or accessories entangle with any jewellery (e.g. earhook and earrings) or machinery.
• Do not attach or wear a body-worn battery configuration beneath layers of clothing in direct contact with the skin (e.g. in pocket or under a child’s vest).
• Make sure all cables used by a child are securely attached to their clothing.
• Do not place the accessories in any household devices (e.g. microwave oven, dryer).
Other information

Materials

- LiteWear cable is made of polyester, thermoplastic elastomer (TPE) & polyvinyl chloride (PVC) sheath is PVC; plugs/strain relief are polypropylene (PP) and TPE.
- LiteWear connection shoes are made of copolyester.
- LiteWear retention case is made of polyamide.
- LiteWear fixing aids are made of polycarbonate.

Equipment classification

Your sound processor accessories which require electricity to function are accessories to a medical device as described in the international standard IEC 60601-1:2005/A1:2012, Medical Electrical Equipment – Part 1: General Requirements for Basic Safety and Essential Performance.

Certification

The following sound processor accessories 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.

- Nucleus Mic Lock and Nucleus Mic Lock Stirrup
- Nucleus Litewear Cable and Nucleus Bilateral Personal Audio Cable
- Nucleus Monitor Earphones and Nucleus Lapel Microphone
- Nucleus Portable Phone Cable and Nucleus Euro Accessory Adaptor
- Nucleus Freedom Accessory Adaptor

The following sound processor accessories are not considered as medical devices:

- Nucleus Litewear Fixing Aids and Nucleus Litewear Case
- Nucleus Battery Holder O Ring
Labelling symbols

The following symbols may appear on your processor or remote or accessory 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
- CE registration mark with notified body number
Do not re-use

Rx Only

By prescription

Recyclable material

Dispose of electrical components in accordance with your local regulations

Dispose of lithium-ion batteries in accordance with your local regulations
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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