

Cochlear™ Nucleus® 22 Nucleus® 6  
Sound Processor Upgrade

# Quick Guide



Hearing with your Cochlear™ Nucleus® 22 Cochlear Implant can now be better than ever. With your upgrade to an all-new sound processor, you have the opportunity to experience more comfort, enhanced clarity, and new programming options.

Now that you have a smart sound processor and wireless technology, it's time to experiment with your new programs and accessories. Most importantly, have fun! Be patient and try not to compare your experience to others as everyone has a unique upgrade experience. This guide will help you make this transition to an all-new sound processor a little easier.

## SmartSound® iQ

The Nucleus® 6 Sound Processor automatically adapts to ensure that you hear your personal best in any environment. SmartSound iQ<sup>1</sup> filters out background noise and optimizes your hearing experience by focusing on sounds that are most important to you. In a recent study, recipients experienced up to 77% improvement automatically when using SmartSound iQ.<sup>2,3</sup>

The Nucleus 6 Sound Processor has the world's first Scene Classifier (SCAN) in the industry that automatically scans your surroundings and identifies the listening environment as one of six scenes.

SmartSound iQ adjusts the setting for each scene in order to provide you optimal hearing for that situation without the need for manual adjustments to the sound processor or remote. It's this advanced technology that makes the Nucleus 6 Sound Processor simply smarter.

Your audiologist can provide you with up to four different programs one, or several, of which may have SmartSound iQ and SCAN. To change programs, either push the lower button on your sound processor or use your CR230 Remote Assistant or CR210 Remote Control. If you have private tones enabled, you should hear beeps. The number of beeps lets you know what program your sound processor is on: 1, 2, 3, or 4.

If you have the CR230 Remote Assistant and your audiologist programmed your sound processor with SCAN, you may see the following icons. For more information, please refer to the CR230 Remote Assistant User Manual.

---



**Speech in noise**

Have a conversation in noisy surroundings like a busy café



**Speech**

Hear clearer and crisper speech



**Noise**

Hear comfortably in noisy situations



**Wind**

Hear comfortably in the windy outdoors



**Quiet**

Appreciate soft sounds in quiet environments



**Music**

Enjoy listening to the music you love

---

# An All New Design

## Sound Processor

You will notice some differences in your new sound processor such as the button design. This new design allows the sound processor to be smaller and have an IP57 water resistance rating.<sup>4</sup>

The **upper button** allows you to enable telecoil or initiate wireless accessory streaming.

The **lower button** allows you to change to one of the four different programs your audiologist provided.

---

For more control such as adjusting volume and sensitivity, you can use either the **CR230 Remote Assistant** or **CR210 Remote Control**.

**Please note:** Your audiologist must connect the CR230 Remote Assistant to CustomSound during your initial MAPPING appointment for it to work with your sound processor.

If you did not select either remote as an accessory option, but would like one, you can purchase one at [www.Cochlear.com/US/Store](http://www.Cochlear.com/US/Store)



## Nucleus 22 Coil

Your Nucleus 22 Implant requires a specific coil designed just for you. When you open your coil or need to order a new one in the future, ensure that it has green coloring inside the coil's cable port.

---



## Retention and Comfort

You have a variety of wearing options. Your upgrade kit comes with a specially designed Snugfit accessory that is designed to keep your sound processor safely on your ear, even when exercising or at play.

---

## Reference Your Nucleus 6 Sound Processor User Guide Addendum

There are some unique adjustments for the Nucleus 6 Sound Processor for the Nucleus 22 Implant. Please read the addendum to learn more.



## Practice Hearing with Your Nucleus 6 Sound Processor

- Set aside time for listening practice when you have a quiet environment and are relaxed but not tired.
- Use captions as a training tool--concentrate on the speaker but use the captions to confirm what you heard.
- Try reading out loud with a partner or listen to an unabridged audio book.
- Practice listening with Angel Sounds.  
[www.angelsounds.com](http://www.angelsounds.com)
- The Communication Corner website includes a range of training opportunities, online and printable resources, and practice tools developed specifically for each age group. It provides guidance on where to start and which program is best for you or your loved one.

[Cochlear.com/US/CommCorner](http://Cochlear.com/US/CommCorner)

---

## For Your Next MAPping Appointment...

It is important to record your progress and challenges to help your audiologist provide you with your best possible hearing "fit."

- Ask your audiologist about the different programs in your sound processor.
- Record your personal experiences so you can share with your audiologist.
- Prepare for your next appointment by identifying:
  - Particular sounds seem to be too loud/soft?
  - Speech sounds that are hard to hear?
  - Is overall volume comfortable in different situations or programs?
  - Which programs are you using and in what situations? Are they working?

Did you know the Nucleus 6 Sound Processor comes with data logging? Data logging records how your sound processor is used every day. Your audiologist gets a more complete picture of your hearing experiences without gaps or guesswork. From now on, all adjustments can be truly based on how you use your sound processor.

As you explore the world of sound around you, know that you are not alone. You are part of the Cochlear Family. We are here, providing the resources and support you need now and for years to come.

---

**myCochlear Recipient**

myCochlear gives you access to secure, personalized information, online tools and support resources to help you make the most of your hearing life with Cochlear and your new sound processor.

**[myCochlear.com/US](https://mycochlear.com/US)**

Recipient Support and Technical Services

Our Recipient Support Center is located in Denver, Colorado where you can reach a helpful and highly-trained customer service agent from 6am to 6pm (MST), Monday through Friday.

**1-800-483-3123**

**[customer@cochlear.com](mailto:customer@cochlear.com)**

- [ 1 ] It is recommended that SNR-NR, WNR, and SCAN be made available to any recipient ages 6 years and older, who is able to 1) complete objective speech perception testing in quiet and noise in order to determine and document performance 2) report a preference for different program settings.
- [2] Investigation of Nucleus 6 Sound Processing Input Processing in Cochlear Implant Recipients, IDE G130246 Clinical Investigation Report. September 30, 2014.
- [3] Wolfe, J., et al (2015). The Benefits of Adaptive Signal Processing in a Commercially Available Cochlear Implant Sound Processor, *Otology & Neurology*. (In press)
- [4] The Nucleus 6 Sound Processor is water resistant to level IP57 of the International Standard IEC60529. This water protection rating means that the sound processor is not only splash resistant, but it can be submerged into three feet of still water for up to 30 minutes. This water protection only applies when you use rechargeable batteries. Not intended for swimming. The Nucleus 6 Sound Processor with the Aqua+ is water resistant to level IP68 of the International Standard IEC60529. This water protection only applies when you use the Aqua+ and rechargeable batteries. Not compatible with the acoustic component.

[www.Cochlear.com/US](http://www.Cochlear.com/US)

Cochlear Americas  
13059 East Peakview Avenue  
Centennial, CO 80111 USA  
Telephone: 1 303 790 9010  
Support: 1 800 483 3123

Cochlear Canada Inc.  
2500-120 Adelaide Street West  
Toronto, ON M5H 1T1 Canada  
Telephone: 1 416 972 5082  
Fax: 1 416 972 5083

©Cochlear Limited 2015. All rights reserved. Hear now. And always and other trademarks and registered trademarks are the property of Cochlear Limited or Cochlear Bone Anchored Solutions AB. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.



FUN2416 ISS3 AUG15

