



# Inspired by possibilities

Enjoy the benefits of our latest  
sound processor technology







# What could a new sound processor mean to you?

Whether you received your hearing solution yesterday or many years ago, Cochlear is continually innovating to meet your needs now and into the future.

You can choose a sound processor that sits off the ear or behind the ear and experience the comfort of the world's smallest sound processors.<sup>1</sup>

With advanced technology designed to help you hear your best in any situation, a new sound processor could help you experience more of life's opportunities.<sup>1,9</sup>

Experience the proven benefits of streaming audio directly to your sound processor, including compatible\* Apple and Android™ devices.<sup>9, 11-13</sup> And, if you choose the Nucleus® 8 Sound Processor, you'll be ready to connect in more places and from more devices than ever before.<sup>8-10, \*\*</sup>



# The world's smallest got even smaller

Experience the comfort and discretion of  
the world's smallest sound processors.<sup>1</sup>

Kanso® 2 Sound  
Processor is  
**2.4%**  
**smaller<sup>1</sup>**  
than Kanso  
Sound Processor

Nucleus 8 Sound Processor is

**15%**  
**smaller<sup>1,#</sup>**  
than Nucleus 7  
Sound Processor

**32%**  
**smaller<sup>1,^</sup>**  
than Nucleus 6  
Sound Processor





# Focus on what's important

Cochlear's latest and most advanced sound processor technology is designed to help you experience clearer sound,<sup>2-6,18</sup> even in challenging and noisy environments.

## Go about your day with confidence

The Kanso® 2 Sound Processor features SmartSound® iQ with SCAN<sup>+</sup> technology which senses changes in your listening environment and automatically adjusts to help deliver clearer sound as you move throughout your day.<sup>2-5</sup> The Nucleus 8 Sound Processor comes with even smarter, enhanced SmartSound iQ 2 with SCAN 2 technology.<sup>^^</sup>

## Better conversation in noise

Background noise makes it hard to concentrate or hear a conversation clearly. With ForwardFocus,<sup>†</sup> our latest sound processors reduce unwanted noise from behind you, so you can hear face-to-face conversations more clearly.<sup>6,18</sup>

With a Kanso 2 Sound Processor, simply turn on ForwardFocus in the Nucleus Smart App when you need extra support in noise.

The Nucleus 8 Sound Processor features an improved ForwardFocus that more powerfully<sup>€</sup> reduces unwanted background noise to help you hear the person in front of you better.<sup>6,€</sup> Whether you choose to have it fully automated or manually turn it on via the Nucleus Smart App when needed, ForwardFocus helps you to focus on what's important.

“No matter where I’m seated  
in the room or wherever I may  
be in the school, I can just hear  
conversations so much better.”

Solidea, Cochlear Nucleus System recipient



# Connect with what you love

Discover exciting new ways to connect with your world. With the Nucleus 8 and Kanso 2 Sound Processors, you can experience the proven benefits of streaming audio directly to your sound processor.<sup>9,11-13</sup>

## Step into a more connected world




In addition to being compatible with True Wireless Devices, your Nucleus 8 or Kanso 2 Sound Processor can directly stream phone calls, music and entertainment from your compatible Apple or Android device\*.

The Nucleus 8 Sound Processor is also ready for the future with next-generation Bluetooth® LE Audio technology,\*\* which will make it easier to bring sound to you – in more places and from more devices than ever before.<sup>8-10</sup>

Connect directly to what’s being broadcast at public venues such as airports, conference centers, and theaters so you’re less likely to miss out. And whether you’re listening to music, taking a phone call, or watching your favorite film, Bluetooth® LE Audio will deliver better sound quality than previous generation Bluetooth® Classic to help you get the best possible audio experience.<sup>8,\*\*</sup>

## The smarter pair

When you choose a Nucleus 8 or Kanso 2 Sound Processor and a compatible ReSound hearing aid\*, you’ll be upgrading to a hearing solution designed to offer an improved hearing experience, including simultaneous direct audio streaming to both devices.\* The Nucleus 8 Sound Processor can also be color coordinated with a compatible ReSound hearing aid\* for a stylish pair.

	Ready for Bluetooth® LE Audio devices	Compatible Apple and Android devices*	Cochlear True Wireless Devices
 Nucleus 8 Sound Processor	✓	✓	✓
 Kanso 2 Sound Processor		✓	✓
 Smart bimodal hearing solution*		✓	✓







# More care options at your fingertips

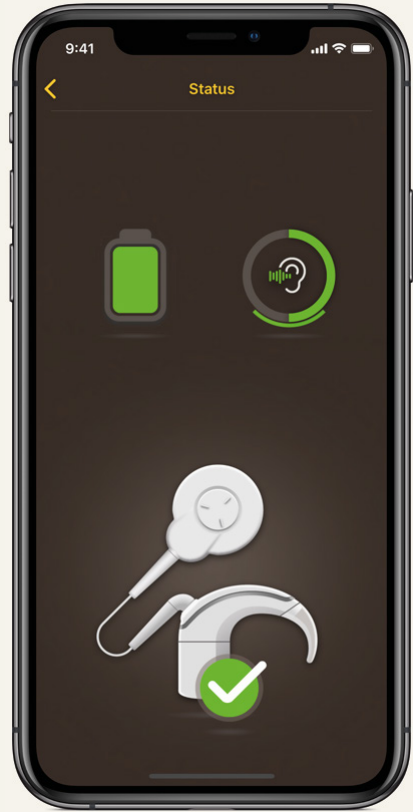
No two people have the same life experiences. Using the Nucleus Smart App on your compatible\* Apple or Android device, you can make sure your hearing experience is just as personal.

## Convenient control

The Nucleus Smart App allows you to discreetly adjust your listening settings to hear better in noisy situations, keep track of your hearing information and set daily goals for listening to speech. For added peace of mind, the Find My Processor can help locate a misplaced processor.<sup>9</sup>

## Convenient care

Keeping your hearing at its best is a priority, so easy access to care is reassuring. That's why our latest sound processors enable access to Cochlear® Remote Care® – new ways to connect with your clinician when it's convenient for you, without a visit to the clinic. Once your clinician enrolls you in Remote Care, you can use Remote Check<sup>†</sup> to complete a hearing review or Remote Assist<sup>†</sup> to have a video appointment from home, at work, or when you're away.<sup>9</sup>





# Ready for your next adventure

Enjoy a world of sound while doing what you love. Looking to splash in the pool, swing high at the playground or work out at the gym? With our range of Cochlear accessories, a new sound processor could give you the confidence to participate in more of life’s activities.

## Feel secure

If you’re getting active, there are solutions to help keep your new sound processor securely in place. For both adults and children, we feature a range of retention options including those designed especially for smaller ears, so you know the sound processor is safe.

## All day listening

To power your day, the Nucleus 8 Sound Processor has a choice of disposable or rechargeable battery options. The Kanso 2 Sound Processor features a powerful, built-in rechargeable battery that you can rely on for all-day hearing.<sup>19,§</sup> There are portable and USB chargers for the Nucleus 8 and Kanso 2 Sound Processors for when you’re out and about. And you can easily track your battery usage with the Nucleus Smart App.\*

## Swim, soak and splash with Aqua+<sup>~,‡</sup>

With a new sound processor, you no longer need to worry about getting caught in the rain. Nucleus sound processors are splash-proof and dust-proof, with the highest available water-resistance rating for sound processors. Add Aqua+ to keep your sound processor protected while enjoying your favorite water activities.









“I enjoy being able to hear people cheering, other swimmers encouraging me and having that feeling of safety. The Aqua+ allows me to hear boats, jet skis and people while I swim.”

Anna, triathlete and Cochlear Nucleus System recipient



How does the Cochlear™ Nucleus® 8 Sound Processor compare?

						
Key features	Nucleus 6 Sound Processor (Retired March 31, 2023)	Nucleus Kanso® Sound Processor	Nucleus 7 Sound Processor	Nucleus Kanso® 2 Sound Processor	Nucleus 8 Sound Processor	
Processor type	Behind-the-ear (BTE)	Off-the-ear (OTE)	Behind-the-ear (BTE)	Off-the-ear (OTE)	Behind-the-ear (BTE)	The Nucleus 8 Sound Processor is Cochlear’s most advanced and the world’s smallest and lightest behind-the-ear sound processor. <sup>1</sup>
Size and weight comparison	Nucleus 8 is 32% smaller and 34% lighter than Nucleus 6 with compact rechargeable battery <sup>1</sup>	Lightest OTE option <sup>1</sup>	Nucleus 8 is 15% smaller and 13% lighter than Nucleus 7 with a compact rechargeable battery <sup>1</sup>	Smallest and lightest rechargeable OTE sound processor. Kanso 2 is 2.4% smaller than Kanso <sup>1</sup>	Smallest and lightest BTE sound processor <sup>2</sup>	At 15% smaller <sup>#</sup> than the Nucleus 7 Sound Processor and 32% smaller than Nucleus 6 <sup>1</sup> , the Nucleus 8 Sound Processor is designed to take comfort to the next level. <sup>1</sup>
Automated sound processing technology	• SmartSound iQ with SCAN	• SmartSound iQ with SCAN	• SmartSound iQ with SCAN	• SmartSound iQ with SCAN	• SmartSound iQ 2 with SCAN 2	The Nucleus® 8 Sound Processor features smarter hearing technology^^ designed to make communicating with people, particularly in noise, easier. As you move through the day, your new sound processor senses changes in your listening environment and automatically adjusts using enhanced SmartSound® iQ 2 with SCAN 2 to deliver clearer sound. <sup>3-6, &gt;, &gt;&gt;&gt;</sup>
ForwardFocus			•	•	• Improved noise reduction (Option to automate)	The Nucleus 8 Sound Processor features an improved ForwardFocus that more powerfully reduces distracting background noise when you want to focus on the face-to-face conversation. <sup>7, +</sup> Now with the choice to operate ForwardFocus manually via the Nucleus Smart App or have it automated, you can focus on what’s important. <sup>1</sup>
Dual microphone directionality	•	•	•	•	•	Dual microphones matter when you want to experience clearer sound. The Nucleus 8 Sound Processor has dual-microphone technology with fixed and adaptive directionality which filters out background noise to enhance your understanding of speech, particularly in noise. <sup>8</sup>
Control functionality	Two buttons	One button	One button	Button-free with Auto-On feature	One button	Single button control is designed for easier use and to reduce inadvertent program changes. With the Nucleus 8 Sound Processor’s simple one-button design you can change programs or control streaming from your True Wireless devices with ease. <sup>9</sup>
Battery type	Standard and compact rechargeable or disposable	Disposable	Standard and compact rechargeable or disposable	Built-in rechargeable battery	Power Extend and Compact rechargeable or disposable	With the choice of either disposable or one of two rechargeable battery options, you can choose the best way to power your Nucleus 8 Sound Processor.
Rechargeable battery charger	•	N/A	• Two options: Y charger for home and USB portable charger	• All-in-one Home Charger and optional Portable Charger	• Two options: Y charger for home and USB portable charger	Whether you're at home, at work or away, your Nucleus 8 Sound Processor can be easily and conveniently recharged. The Y charger can recharge two batteries at the same time while the USB charger is an optional accessory for recharging one battery when you’re on the go.
Direct streaming capability	• Via Cochlear Wireless Phone Clip	• Via Cochlear Wireless Phone Clip	• Compatible* Apple® or Android™ devices Cochlear Wireless Phone Clip*	• Compatible* Apple or Android devices Cochlear Wireless Phone Clip	• Bluetooth® LE Audio locations and devices, including compatible* Apple or Android devices Cochlear Wireless Phone Clip	Ready for next-generation Bluetooth LE Audio technology, the Nucleus 8 Sound Processor will make it easier to bring sound to you—in more places and from more devices than ever before. <sup>8-10, 1*</sup> Experience the proven benefits of streaming audio directly to your sound processor. <sup>9, 11-13</sup> You’ll be able to connect directly to what’s being broadcast at public venues such as airports, conference centers and theaters with Bluetooth® Auracast™. And whether you’re listening to music, taking a phone call, or watching your favorite film, Bluetooth LE Audio delivers better sound quality than previous generation Bluetooth® Classic to help you get the best possible audio experience. <sup>8, 10</sup>
Nucleus Smart App			•	•	•	With the Nucleus Smart App, <sup>9</sup> you can adjust your hearing settings, track hearing information and set daily goals for listening to speech. Where available, you may even save yourself a trip to the clinic by using our Remote Care solutions <sup>17</sup> to do a hearing check or video appointment with your clinician from home. For added peace of mind, the Find My Processor feature <sup>9</sup> can help locate a misplaced processor.
FM connectivity	Via Euro Accessory Adapter and Roger X FM receiver or Cochlear Wireless Mini Microphone 2+ and Roger X FM receiver	Via the Cochlear Wireless Mini Microphone 2+ and Roger X FM receiver	Via the Cochlear Wireless Mini Microphone 2+, Roger X FM receiver and Roger 20 FM receiver	Via the Cochlear Wireless Mini Microphone 2+ Roger X FM receiver and Roger 20 FM receiver	Via the Cochlear Wireless Mini Microphone 2+ and Roger 20 FM receiver	FM systems are among the most common hearing assistive technologies used with children, especially in school environments. They are designed to provide improved hearing in noisy situations or over a distance.
Compatible with True Wireless™ Devices	•	•	•	•	•	The Nucleus 8 Sound Processor’s compatibility with the latest range of True Wireless™ Devices offers you more control over your hearing experience. Enjoy convenient and independent volume control when watching TV with friends or family, clearly hear presentations or actively engage in group conversations. <sup>9</sup>
Bimodal streaming			Compatible* Apple and Android Devices	Compatible* Apple and Android Devices, True Wireless devices	Compatible ReSound® hearing aids*, Bluetooth LE Audio, Apple or Android Devices*, True Wireless devices	Designed to deliver a rich hearing experience, a bimodal solution can help you better locate where sound is coming from, enhance your music appreciation, and enjoy an improved quality of life than with hearing aids alone. <sup>14-16</sup> Stream sound simultaneously to both your Nucleus 8 Sound Processor and compatible ReSound hearing aid with a smart bimodal hearing solution* that's ready for next-generation Bluetooth® LE Audio technology. <sup>8-10</sup>
Remote Control	Remote Control (CR210) and Remote Assistant (CR230)	Remote Control (CR210) and Remote Assistant (CR230)	Nucleus Smart App and Remote Control (CR310)	Nucleus Smart App and Remote Control (CR310)	Nucleus Smart App and Remote Control (CR310)	If you don’t have a compatible smartphone, the remote control has a handy display screen for changing simple settings, allowing you to discreetly manage your hearing.
Water-safe accessories	•	•	•	•	•	When fitted with Aqua+, your Nucleus 8 Sound Processor becomes water resistant so you can immerse yourself in your favorite water activities. <sup>-</sup>
Retention accessories	Snugfit, Mic Lock, LiteWear	Safety Cord/Line, Hair clip, Headband	Snugfit, Hugfit™, Koala Clip, Safety Cord/Line, Headband	Safety Cord/Line, Hair clip, Headband, Halo	Snugfit, Hugfit, Koala Clip, Safety Cord/Line, Headband	Cochlear Nucleus sound processors offer a wide range of retention options to suit your individual needs and lifestyle.
Compatible with monitor earphones	• (CP910 only)		•	Sound Check in the Nucleus Smart App	•	Check the sound quality of the microphone or accessory input to your child’s or another’s sound processor.
Color range	5 options	8 options	5 options	5 options	6 options 	The Nucleus 8 Sound Processor comes with an expanded color selection and, for bimodal recipients, the option to coordinate your ReSound hearing aid with your new sound processor.
Nucleus implant compatibility	•	• Except for Nucleus 22 Implants	•	• Except for Nucleus 22 Implants	• Except for Nucleus 22 Implants	Our research and development is focused on offering the best hearing possible today, while also anticipating how technology and recipient needs will change over time. Cochlear is committed to ongoing innovation and developing new ranges of exciting products to help you achieve your best possible hearing outcomes at every stage of life.



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# Comparison made using the Compact Battery Module for Nucleus 8 Sound Processor and the Compact Rechargeable Battery for Nucleus 7 Sound Processor

^ Comparison made using a Compact Battery Module with Nucleus 8 Sound Processor and an equivalent Compact Rechargeable Battery with Nucleus 6 Sound Processor.

^^ Compared to previous generation Nucleus 7 and Nucleus 6 Sound Processors.

> It is recommended that SNR-NR, WNR and SCAN be made available to any recipient, ages 6 and older, who is able to 1) complete objective speech perception testing in quiet and noise in order to demonstrate and document performance and 2) report a preference for different program settings.

>> SNR-NR, WNR and SCAN are FDA approved for use with any recipient ages 6 years and older, who is able to: 1) complete objective speech perception testing in quiet and in noise in order to determine and document performance; and 2) report a preference for different program settings. + Compared to Nucleus 7 Sound Processor with ForwardFocus on.

† ForwardFocus can only be enabled by a hearing implant specialist. It should only be activated for users 12 years and older who are able to reliably provide feedback on sound quality and understand how to use the feature when moving to different or changing environments. It may be possible to have decreased speech understanding when using ForwardFocus in a quiet environment.

~ The Nucleus 8 Sound Processor with Aqua+ is dust and water resistant to level of IP68 of the International Standard IEC60529. The Nucleus 8 Sound Processor with Aqua+ can be continuously submerged under water to a depth of up to 3 metres for up to 2 hours. Refer to the relevant user guide for more information.

\* The Cochlear Nucleus 8 Sound Processor is compatible with Apple and Android devices. The Cochlear Nucleus Smart App is available on App Store and Google Play. For compatibility information visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility) and [www.resound.com/compatibility](http://www.resound.com/compatibility)

\*\* When this technology becomes available, a firmware update to your sound processor will allow you to connect to Bluetooth LE Audio compatible devices.

≈ Remote Care solutions are not available in all countries. See your clinician for more details.

† Remote Check and Remote Assist are intended for ages 6 and older. The Remote Check feature is only visible and accessible if the feature is enabled by a clinician. Clinicians should consider the suitability of the feature before enabling Remote Check or Remote Assist. Remote Check and Remote Assist do not replace clinical care and do not involve remote programming of the sound processor.

§ Battery life of up to 18 hours.

± The Kanso 2 Sound Processor is dust and water resistant to level of IP68 of the International Standard IEC60529. The Kanso 2 Sound Processor with Aqua+ is dust and water resistant to level of IP68 of the International Standard IEC60529. This water protection rating means that the sound processor with the Aqua+ can be continuously submerged under water to a depth of up to 3 meters (9 feet and 9 inches) for up to 2 hours. The Aqua+ accessory should be used when participating in prolonged water activities.

€ Speech perception testing in noise S0NCI with Nucleus 8 with ForwardFocus ON compared to Nucleus 7 with ForwardFocus ON.

Please seek advice from your health professional about treatments for hearing loss. Outcomes may vary, and your health professional will advise you about the factors which could affect your outcome. Always read the instructions for use. Not all products are available in all countries. Please contact your local Cochlear representative for product information. Views expressed are those of the individual.

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