



# Inspired by possibilities

**Enjoy the benefits of our latest sound processor technology**





# What could a new sound processor mean to you?

What if you could feel more confident to try new things, enjoy shared moments, and connect better with the people who matter most? Upgrading to a new sound processor can help you hear more clearly, enhancing your everyday experiences.

Cochlear is committed to supporting the moments that matter by providing access to the latest hearing technology. 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>1,2</sup>

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

Experience the proven benefits of streaming audio directly to your sound processor, including compatible\* Apple and Android™ devices.<sup>2-5</sup> And, if you choose the Nucleus® Kanso® 3 or Nucleus 8 sound processor, you'll be ready to connect in more places and from more devices than ever before with Bluetooth® LE Audio technology.<sup>2,6,7,¥</sup>



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

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Nucleus Kanso 3  
Sound Processor is  
**2.4%**  
**smaller<sup>1</sup>**  
than Kanso  
Sound Processor<sup>##</sup>

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, even in challenging and noisy environments.<sup>8-13</sup>

## Go about your day with confidence

The Nucleus Kanso 3 and Nucleus 8 sound processors come with even smarter, enhanced SmartSound iQ 2 with SCAN 2 technology.<sup>††</sup> As you move through the day, the sound processor senses changes in your listening environment and automatically adjusts to help deliver clearer sound.<sup>9-12</sup>

## Better conversation in noise

Background noise makes it hard to concentrate or hear a conversation clearly.

Designed to enhance face-to-face conversations in challenging environments, our latest Nucleus sound processors feature an improved ForwardFocus that powerfully reduces background noise, so you can better hear the person in front.<sup>13,14,^</sup> Whether you choose to have it fully automated, or manually turn it on via the Nucleus Smart App\*, ForwardFocus helps you to focus on what's important.<sup>13,^</sup>

**“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 3 sound processors, you can experience the proven benefits of streaming audio directly to your sound processor.<sup>2-5</sup>

## Step into a more connected world

Ready for next-generation Bluetooth® LE Audio technology\*, our latest Nucleus sound processors will make it easier to bring sound to you – in more places and from more devices than ever before.<sup>2,6,7</sup>

In the future, you can connect directly to what's being broadcast at airports, theatres, conference centres and public venues supporting Bluetooth® Auracast® broadcast audio.<sup>8</sup> You'll also be able to invite family and friends to share in your personal listening experiences using Auracast-enabled smartphones, tablets, laptops and televisions.

And you can also use your compatible Apple or Android device to directly stream phone calls, music and entertainment to your Nucleus 8 or Kanso 3 Sound Processor.\*

Our latest sound processors are also compatible with Cochlear True Wireless™ Devices.

## Connecting bimodal devices

When you choose to pair a Nucleus 8 or Kanso 3 Sound Processor with a compatible ReSound hearing aid\*, you'll be upgrading to a smart bimodal solution that provides the benefits of bimodal hearing, including simultaneous direct audio streaming to both devices. Also, with Bimodal control now available in the Nucleus Smart App, you can discreetly adjust your volume settings or change the listening programs on both of your devices.<sup>9</sup>

	Compatible Apple and Android devices*	Cochlear True Wireless Devices
 Nucleus 8 Sound Processor		
 Kanso 3 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, 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.



## 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 to complete a hearing review or Remote Assist to have a video appointment from home, at work, or when you're away.~



# 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 secure.

## All day listening

To power your day, the Nucleus 8 Sound Processor has a choice of disposable or rechargeable battery options. The Kanso 3 Sound Processor features a powerful, built-in rechargeable battery that you can rely on for all-day hearing.<sup>15,~</sup> There are portable and USB chargers for the Nucleus 8 and Kanso 3 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+

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 (IP68). Add Aqua+ to keep your sound processor protected while enjoying your favourite 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 your sound processor compare?



Key features	Nucleus® Freedom® Sound Processor	Nucleus 5 Sound Processor	Nucleus 6 Sound Processor	Nucleus Kanso Sound Processor	Nucleus 7 Sound Processor	Nucleus Kanso 2 Sound Processor
Processor type	Behind-the-ear (BTE)	Behind-the-ear (BTE)	Behind-the-ear (BTE)	Off-the-ear (OTE)	Behind-the-ear (BTE)	Off-the-ear (OTE)
Size and weight comparison	Nucleus 8 is 45% smaller and 36% lighter than Freedom with standard rechargeable battery <sup>1</sup>	Nucleus 8 is 29% smaller and 37% lighter than Nucleus 5 with compact rechargeable battery <sup>1</sup>	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>
Sound processing technology		• SmartSound®	• SmartSound iQ with SCAN	• SmartSound iQ with SCAN	• SmartSound iQ with SCAN	• SmartSound iQ with SCAN
ForwardFocus					• User controlled via Nucleus Smart App	• User controlled via Nucleus Smart App
Battery type	Body worn, disposable or rechargeable	Standard rechargeable or disposable	Standard or compact rechargeable, or disposable	Disposable	Standard or compact rechargeable, or disposable	Built-in rechargeable battery
Rechargeable battery charger	•	•	•	N/A	• Y charger for home, USB portable charger	• All-in-one Home Charger, optional Portable Charger
Direct streaming capability			• Via Cochlear Wireless Phone Clip	• Via Cochlear Wireless Phone Clip	• Compatible <sup>2</sup> Apple and Android devices Cochlear Wireless Phone Clip (optional)	• Compatible <sup>2</sup> Apple and Android devices Cochlear Wireless Phone Clip (optional)
Nucleus Smart App					•	•
Remote Control		Remote Assistant (CR110)	Remote Control (CR210), Remote Assistant (CR230)	Remote Control (CR210), Remote Assistant (CR230)	Nucleus Smart App, Remote Control (CR310)	Nucleus Smart App, Remote Control (CR310)
Compatible with True Wireless Devices			•	•	•	•
Bimodal streaming			True Wireless Devices	True Wireless Devices	Compatible <sup>2</sup> Apple and Android devices, True Wireless Devices	Compatible <sup>2</sup> Apple and Android devices, True Wireless Devices
Accessories	Snugfit, Mic Lock	Snugfit, Mic Lock	Snugfit, Mic Lock, Aqua+	Safety Line, Hair clip, Headband, Aqua+	Snugfit, Hugfit™, Koala Clip, Safety Cord/Line, Headband, Aqua+	Safety Line, Hair clip, Headband, Kanso Halo, Aqua+
Colour range	Black, Grey, Brown, Beige	Black, Grey, Brown, Beige	Black, Grey, Brown, Beige	Black, Slate Grey, Chocolate Brown, Copper Brown, Golden Blonde, Sandy Blonde, White, Silver	Black, Grey, Brown, Sand, White	Black, Slate Grey, Chocolate Brown, Sandy Blonde, Silver
Nucleus implant compatibility	All Nucleus Implants	All Nucleus Implants except for Nucleus 22	All Nucleus Implants	All Nucleus Implants except for Nucleus 22	All Nucleus Implants	All Nucleus Implants except for Nucleus 22



**Nucleus 8  
Sound Processor**

**Nucleus Kanso 3  
Sound Processor**

## Why it matters

Behind-the-ear (BTE)	Off-the-ear (OTE)	A behind-the-ear sound processor is worn on the ear and a small coil is held in place against the head with a magnet. An off-the-ear sound processor provides a more discreet hearing solution whilst delivering an equivalent hearing experience as a behind-the-ear sound processor. <sup>1,9</sup>
Smallest and lightest BTE sound processor <sup>1</sup>	Kanso 3 our smallest, lightest and most advanced rechargeable OTE device. It is 2.4% smaller than Kanso. <sup>1</sup>	The Nucleus 8 Sound Processor is our smallest behind-the-ear sound processor yet. At 15% smaller than its predecessor and 32% smaller than Nucleus 6 Sound Processor <sup>1</sup> , the Nucleus 8 Sound Processor takes comfort to the next level. <sup>1</sup> The Kanso 3 Sound Processor is the same size as the Kanso 2 Sound Processor and 2.4% smaller than the Kanso Sound Processor. <sup>1</sup>
• SmartSound iQ 2 with SCAN 2	• SmartSound iQ 2 with SCAN 2	SmartSound iQ is Cochlear's most advanced sound processing system. It works by filtering out background noise and automatically adapting to optimise your hearing experience, focusing on sounds that are most important to you. <sup>9-11</sup> SCAN is the industry's first automatic scene classifier, designed to detect the unique features of sound and use them to determine the listening environment.
• Improved noise reduction User controlled via Nucleus Smart App or option to automate	• Improved noise reduction User controlled via Nucleus Smart App or option to automate	Background noise makes it hard to concentrate or hear a conversation clearly. The Nucleus 8 and Kanso 3 sound processors feature an improved ForwardFocus that more powerfully reduces distracting background noise when you want to focus on the face-to-face conversation. <sup>13,14</sup> You also have the choice to operate ForwardFocus manually via the Nucleus Smart App or have it fully automated, so you can focus on what's important.
Compact or Power Extend rechargeable, or disposable	Built-in rechargeable battery	With three battery options for your Nucleus 8 Sound Processor, you can choose the best way to power your day. The Kanso 3 Sound Processor features a powerful, built-in rechargeable battery that you can rely on for all-day hearing. <sup>15</sup>
• Y charger for home, USB portable charger	• All-in-one Home Charger, optional Portable Charger	Whether you're at home, at work or away, your Nucleus 8 or Kanso 3 Sound Processor can be easily recharged to keep you on the air however long your day is. With the Kanso 3 Sound Processor Home Charger, you can conveniently charge and dry your processor at the same time.
• Ready for Bluetooth LE Audio locations and devices <sup>*, compatible</sup> Apple and Android devices Cochlear Wireless Phone Clip (optional)	• Ready for Bluetooth LE Audio locations and devices <sup>*, compatible</sup> Apple and Android devices Cochlear Wireless Phone Clip (optional)	The Nucleus 8 and Kanso 3 sound processors feature built-in technology that lets you stream sound directly from a compatible Apple or Android <sup>15</sup> device. Our latest Nucleus sound processors are ready for next-generation Bluetooth <sup>®</sup> technology, which means you will be able to stream sound directly from any compatible Bluetooth <sup>®</sup> LE Audio device or Auracast <sup>™</sup> enabled public address system and invite family and friends to share in your personal listening experience using Audio Sharing. <sup>16</sup>
•	•	Available to download free to compatible Apple and Android devices, the Nucleus Smart App <sup>*</sup> is easy to use and offers the convenience of controlling your hearing from your smartphone. Parents may find the Nucleus Smart App especially useful to manage their child's hearing.
Nucleus Smart App, Remote Control (CR310)	Nucleus Smart App, 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.
•	•	The Nucleus 8 and Kanso 3 Sound Processors are compatible with Cochlear True Wireless Devices so you can enjoy independent volume control when watching TV with friends or family, clearly hear presentations or actively engage in group conversations. <sup>3,4,16,17</sup>
Compatible <sup>*</sup> Apple or Android devices <sup>*,</sup> True Wireless Devices	Compatible <sup>*</sup> Apple or Android devices <sup>*,</sup> True Wireless Devices	If you have a Nucleus 8 or Kanso 3 Sound Processor and a compatible ReSound hearing aid, you can take advantage of our smart bimodal solution which enables you to stream directly to both ears from a compatible Apple or Android device.*
Snugfit, Hugfit, Koala Clip, Safety Cord/Line, Headband, Aqua+	Safety Line, Hair clip, Headband, Kanso Halo, Aqua+	Cochlear Nucleus sound processors offer a range of retention options to suit your individual needs and lifestyle. Our latest Nucleus sound processors are dust-proof and splash-proof, with the highest available water-resistance rating (IP68). <sup>18</sup> When fitted with the Cochlear Aqua+ your Nucleus 8 or Kanso 3 Sound Processor becomes water resistant so you can immerse yourself in your favourite water activities. <sup>19,20</sup>
Black, Grey, Brown, Sand, White, Silver	Black, Grey, Brown, Sand, Silver	The Nucleus 8 and Kanso 3 sound processors come in a range of colour options and, for bimodal recipients, the option to coordinate your ReSound hearing aid with your new sound processor.*
All Nucleus Implants except for Nucleus 22	All Nucleus Implants except for Nucleus 22	Our research and development is focused on developing the best hearing solutions 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 even better hearing outcomes at every stage of life.

# Hear now. And always

Cochlear is dedicated to helping people with moderate to profound hearing loss experience a world full of hearing. As the global leader in implantable hearing solutions, we have provided more than 750,000 devices and helped people of all ages to hear and connect with life's opportunities.

We aim to give people the best lifelong hearing experience and access to next generation technologies. We collaborate with leading clinical, research and support networks to advance hearing science and improve care.

That's why more people choose Cochlear than any other hearing implant company.

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[www.cochlear.com/nucleus8](http://www.cochlear.com/nucleus8)

[www.cochlear.com/kanso3](http://www.cochlear.com/kanso3)

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 follow the directions 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. Consult your health professional to determine if you are a candidate for Cochlear technology.

\* For information regarding the compatibility of Cochlear's Sound Processors with True Wireless devices, Apple and Android devices and Resound hearing devices, visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility). The Cochlear Nucleus Smart App is available on App Store and Google Play.

¥ As Bluetooth LE Audio compatible devices become available, a sound processor firmware update will be required to use certain features.

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

## The product images shown are for illustrative purposes only and may not be an exact representation of the product.

± Auracast broadcast audio capability is subject to third party adoption of the Auracast protocol.

§ Comparison made using a Compact Battery Module with the Nucleus 8 Sound Processor and the Nucleus 6 (CP910) Sound Processor

++ Compared to previous generation Nucleus 7 and Nucleus 6 sound processors

^ ForwardFocus is a clinician-enabled feature that can be user-controlled or automated.

^^ Compared to Nucleus 7 Sound Processor with ForwardFocus on

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

~ Battery life varies for every user, according to the age of the battery, the programs used each day, your implant type, the thickness of skin covering your implant, and the size and type of battery used. Streaming from compatible devices, True Wireless devices or FM may decrease sound processor battery life depending on how often and for how long streaming is engaged.

\*\* The Cochlear Nucleus 8 and Kanso 3 sound processors are dust and water resistant to level IP68 of the International Standard IEC60529. The Nucleus 8 and Kanso 3 sound processor were tested to a depth of up to 1 metre for up to 1 hour. The Nucleus 8 and Kanso 3 sound processors with Aqua+ are dust and water resistant to level of IP68 of the International Standard IEC60529. The Nucleus 8 and Kanso 3 sound processors 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.

^Bimodal control is not available in all countries.

ACE, Advance Off-Stylet, AOS, Ardiim, AutoNRT, Autosensitivity, Baha, Baha SoftWear, BCDrive, Beam, Bring Back the Beat, Button, Carina, Cochlear, 科利耳, コクレア, 코클리어, Cochlear SoftWear, Contour, コントゥア, Contour Advance, Custom Sound, DermaLock, Freedom, Hear now. And always, HugFit, Human Design, Hybrid, Kanso, LowPro, MET, MP3000, myCochlear, mySmartSound, NRT, Nucleus, Osia, Outcome Focused Fitting, Off-Stylet, Piezo Power, Profile, Slimline, SmartSound, Softip, SoundArc, SoundBand, True Wireless, the elliptical logo, VistaFix, Whisper, WindShield and Xidium are either trademarks or registered trademarks of the Cochlear group of companies.

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