



**Cochlear®**

Hear now. And always

**Smart has never been  
so simple**

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







## Upgrading is a sound decision

Whether your hearing solution was implanted yesterday or many years ago, Cochlear strives to continuously develop new technologies to help you always hear your best.

You may prefer a behind-the-ear sound processor or be thinking about a more discreet off-the-ear device. Either way, the Cochlear™ **Nucleus® 7** and **Kanso® 2** Sound Processors make it easier for you to connect with the people and technology you love.

There's no better time to upgrade your current device to the latest compatible Cochlear Nucleus Sound Processor.

# Imagine the possibilities

You've experienced life with your current hearing solution, so you may already know what you're looking for in a new sound processor. If you've imagined having conversation in noisy places, making calls with confidence, or enjoying streamed music and entertainment, it's all possible with one of our latest sound processors.

## Nucleus 7 Sound Processor

If you prefer a behind-the-ear hearing solution, the Nucleus 7 Sound Processor combines proven hearing performance<sup>1</sup> with smartphone connectivity so you can hear your best wherever you are.<sup>5-8</sup> As well as being smaller and lighter<sup>2</sup>, it offers up to 50% more battery life<sup>7</sup> than the Nucleus 6 Sound Processor<sup>3</sup>, so you can enjoy your favourite activities for longer.



## Kanso 2 Sound Processor


Combining the freedom of an off-the-ear device with the benefits of direct streaming and the latest hearing technology, the Kanso 2 Sound Processor may be your ideal choice. With a powerful, integrated rechargeable battery and wireless charging, the Kanso 2 Sound Processor is designed to keep up with you.



\* Excluding Nucleus 22 implant recipients. Individual results may vary depending on type of implant, programming parameters and battery choice.







‘It means I can hear anywhere now – outside with traffic, in supermarkets, in the car as a passenger. I feel in control now, not struggling to hear.’

Margaret, UK, Cochlear Nucleus Recipient

## Focus on what’s important

The Nucleus 7 and Kanso 2 Sound Processors feature Cochlear’s latest and most advanced technology to help you experience clearer sound<sup>4-8</sup>, even in challenging and noisy environments.

### Better conversation in noise

When you’re at work, in a busy café or other noisy place, simply switch on **ForwardFocus**<sup>7</sup> through the Nucleus Smart App to decrease noise coming from behind you and focus on the face-to-face conversation.<sup>4,5</sup>

### Go about your day with confidence

**SmartSound**<sup>®</sup> **iQ with SCAN** automatically analyses your surroundings and adjusts to optimise your hearing in different situations. This can help you to hear sound, speech and music more clearly when it’s noisy or windy.<sup>4-8</sup>

# Connect with what you love

The Nucleus 7 and Kanso 2 Sound Processors help you connect with the people you love and the world you live in. Directly stream calls, music and entertainment from your compatible Apple or Android™ device\*.

The Nucleus Smart App lets you control your device's settings, functions and information directly from a compatible Apple or Android device. You can personalise your hearing goals with the Hearing Tracker and, for added peace of mind, the app can help you locate a misplaced sound processor.

Add optional Cochlear True Wireless™ Devices and you can enjoy independent volume control when watching television with friends or family, connect to Bluetooth® devices and actively engage in meetings and classroom discussions. True Wireless Devices offer proven hearing performance gains even in noise and over distance.<sup>9-11</sup>

Our hearing solutions are designed to help your ears to work together, whether wearing two cochlear implant sound processors or a sound processor and a compatible hearing aid.^ With our smart bimodal solution, you can stream directly to both your Nucleus 7 or Kanso 2 Sound Processor and a compatible ReSound hearing aid.^

## Take control with the Nucleus Smart App



Control and monitor your sound processor



Track hearing progress



Locate a misplaced sound processor

\* The Cochlear Nucleus 7 and Kanso 2 Sound Processors are compatible with Apple and Android devices. For compatibility information visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility)

^ For ReSound hearing aids capable of linking directly with the Cochlear Sound Processors for direct streaming from a compatible smartphone, please visit [www.cochlear.com/nucleus/compatibility](http://www.cochlear.com/nucleus/compatibility)





**‘My grandchildren have started calling me because they see that I can use the phone... everything comes right to my processor.’**

Sheiladawn, USA, Cochlear Nucleus Recipient



‘I do mountain biking; I do [rock] climbing; rowing on a rowing machine and it has not come off. It’s user friendly... I don’t feel the limitation I felt before.’

Mathias, USA, Cochlear Nucleus Recipient



# Wherever life takes you

The Nucleus 7 and Kanso 2 Sound Processors have been engineered to keep up with you, whether you're at work or school, enjoying the outdoors or travelling the world.

## Life on the go

Life can be busy, so all our sound processors are designed to be intuitive<sup>12</sup>, user-friendly<sup>12</sup> and convenient<sup>12</sup> to recharge.

The Nucleus 7 Sound Processor's easy one-button design comes with a streamlined charger. Ideal for the demands of work or school, the optional USB Battery Charger can be powered directly from a USB port on your computer or, when used with the Cochlear USB Power Adaptor, powered by a wall power outlet.

The Kanso 2 Sound Processor offers unique button-free control with an automatic on/off feature and comes with an all-in-one Home Charger to charge and dry your sound processor at the same time. Keep the optional Portable Charger on hand for those days when you're on the go.

## Swim, snorkel and more

Both the Nucleus 7 and Kanso 2 Sound Processors are splash-proof (Certified IP57 rating for Nucleus 7 and IP68 for Kanso 2). Worn with **Aqua+**, they become waterproof with the highest ratings available (IP68), so you can surf, snorkel or swim in salt, fresh and chlorinated water.\*

## Get active






When you're on the field, at the gym or in the playground, there are a range of accessories to help you adventure-proof your device. Keep your little one's Nucleus 7 Sound Processor in place with a paediatric headband, Koala Clip or Hugfit™. For more vigorous activities, there is a range of comfortable retention options including a headband, hair and clothing clips for your Kanso 2 Sound Processor.

\* The Nucleus 7 Sound Processor is water resistant to level of IP57 of the International Standard IEC60529. The Nucleus 7 Sound Processor with Aqua+ and Aqua+ Coil is water resistant to level IP68 of the International Standard IEC60529 when you use a Cochlear Standard Rechargeable Battery Module or Cochlear Compact Rechargeable Battery Module. The Kanso 2 Sound Processor is dust and water resistant to level of IP68 of the International Standard IEC60529 and can be continuously submerged under water to a depth of up to 1 metre for up to 1 hour. The Kanso 2 Sound Processor with Aqua+ is dust and water resistant to level of IP68 of the International Standard IEC60529 and can be continuously submerged under water to a depth of up to 3 metres for up to 2 hours. Refer to the relevant User Guides for more information.



Kanso 2 Home Charger

# How does your current sound processor compare?

Key Features					
	Nucleus Kanso 2 Sound Processor	Nucleus 7 Sound Processor	Nucleus Kanso Sound Processor	Nucleus 6 Sound Processor	Nucleus 5 Sound Processor
Processor type	Off-the-ear (OTE)	Behind-the-ear (BTE)	Off-the-ear (OTE)	Behind-the-ear (BTE)	Behind-the-ear (BTE)
Nucleus Smart App	●	●			
Apple and Android compatibility	●	●			
SmartSound iQ with SCAN	●	●	●	●	
ForwardFocus	●	●			
Weight	Lightest rechargeable OTE option available	Lightest BTE sound processor to date	Lightest OTE option available	Nucleus 7 is 24% lighter than Nucleus 6	Nucleus 7 is 27% lighter than Nucleus 5
Control functionality	Button-free	One button	One button	Two buttons	Two buttons
Auto-On	●	●	●	●	
Battery life <sup>^</sup>	Up to 18 hours <sup>~</sup>	Up to 80 hours <sup>~</sup>	Up to 60 hours <sup>~</sup>	Up to 60 hours <sup>~</sup>	Up to 60 hours <sup>~</sup>
Rechargeable battery charger	All-in-one Home Charger and optional Portable Charger	●		●	●
Battery type	Integrated rechargeable	Rechargeable or disposable	Disposable only	Rechargeable or disposable	Rechargeable or disposable
Telephone use – smartphone streaming	Direct streaming through compatible* Apple or Android devices Other smartphone devices: streaming with Cochlear Wireless Phone Clip*	Direct streaming through compatible* Apple or Android devices Other smartphone devices: streaming with Cochlear Wireless Phone Clip*	Streaming with Cochlear Wireless Phone Clip	Streaming with Cochlear Wireless Phone Clip	
FM connectivity	Via the Cochlear Wireless Mini Microphone 2+ and Roger 20 FM receiver	Via the Cochlear Wireless Mini Microphone 2+ and Roger 20 FM receiver	Via the Cochlear Wireless Mini Microphone 2+ and Euro accessory adapter	Via the Cochlear Wireless Mini Microphone 2+	Via FM cable
Compatible with Cochlear True Wireless Devices	●	●	●	●	
Bimodal*/Bilateral streaming	Through compatible* Apple or Android devices and True Wireless range	Through compatible* Apple or Android devices and True Wireless range	True Wireless range	True Wireless range	
Remote Control	Nucleus Smart App and Remote Control (CR310)	Nucleus Smart App and Remote Control (CR310)	Remote Control (CR210) and Remote Assistant (CR230)	Remote Control (CR210) and Remote Assistant (CR230)	Remote Assistant (CR110 or CR230)
Retention options	Safety Cord/Line, Hair clip, Headband	Snugfit, Hugfit™, Koala Clip for children, Safety Cord/Line, Hair clip, Earmould Adaptor, Headworn Adaptor, Headband	Safety Cord/Line, Hair clip, Headband	Snugfit, Mic Lock, LiteWear	Snugfit, Mic Lock, LiteWear
Compatible with monitor earphones	Sound Check in the Nucleus Smart App	●		CP910	●
Implant compatibility	Not compatible with Nucleus 22 implants	Compatible with all Nucleus implants	Not compatible with Nucleus 22 implants	Compatible with all Nucleus implants	Not compatible with Nucleus 22 implants

\* For compatibility information and devices visit [cochlear.com/compatibility](https://cochlear.com/compatibility) and [resound.com/compatibility](https://resound.com/compatibility).

<sup>^</sup> Individual results may vary depending on type of implant, programming parameters and battery choice.

## Why it matters

You have a choice of wearing options to suit your personality and lifestyle.

The Nucleus Smart App allows you to monitor and control your sound processor from any compatible Apple or Android device.\*

With the Kanso 2 and Nucleus 7 Sound Processors you can enjoy your favourite music, videos and entertainment by streaming directly from your compatible\* Apple or Android device.

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. 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.

ForwardFocus is a clinician-enabled, user-controlled feature which allows you to hear better in challenging listening environments.<sup>4-8</sup> It works by reducing any distracting noise coming from behind you, so you can more easily enjoy face-to-face conversation.<sup>4-5</sup>

Designed for comfort, the Nucleus 7 Sound Processor is Cochlear's lightest behind-the-ear processor, 24% lighter than its predecessor, the Nucleus 6 Sound Processor.<sup>2</sup>

The Kanso 2 Sound Processor is the lightest rechargeable off-the-ear cochlear implant sound processor available.<sup>2</sup>

The Kanso 2 Sound Processor has a unique button-free design which, once configured by your clinician, allows you to turn it on and off by tapping with your finger. The Nucleus 7 Sound Processor has a simple one-button interface for basic control functionality.

The Nucleus 7 Sound Processor turns on automatically when you connect a battery. The Kanso 2 Sound Processor turns on automatically when you place the device on your head.

The Nucleus 7 and Kanso 2 Sound Processors have been designed with efficiency in mind to deliver long-lasting battery performance.<sup>3,13</sup>

The Nucleus 7 Sound Processor features an additional USB charging option, allowing you to charge from a PC, or on-the-go in your car. The Kanso 2 Sound Processor uses a new all-in-one Home Charger that charges, stores and dries your device at the same time. A Portable Charger is also available.

Both standard and compact rechargeable battery modules are available for the Nucleus 7 Sound Processor.

Audio streaming gives you better sound quality<sup>5,14</sup> and convenience. With audio streaming you can control the amount of background noise you hear through your processor microphones with a simple adjustment of your mixing ratio.

The Nucleus 7 and Kanso 2 Sound Processors have a direct streaming feature for compatible\* smartphones.

FM systems are among the most common hearing assistive technologies used with children, especially in school environments. FM systems are accessible with the Cochlear Wireless Mini Microphone 2+, providing improved hearing in noisy situations or over a distance.<sup>15</sup>

Using the Cochlear Wireless TV Streamer, you can enjoy independent volume control when watching television with friends or family. Connect to Bluetooth devices and actively engage in meetings and classroom discussions using the Mini Microphone 2+. Stream phone call conversation to your sound processor via the Phone Clip.

Stream directly to both ears with either two Nucleus 7 or Kanso 2 Sound Processors, or a sound processor and a compatible ReSound hearing aid.\*

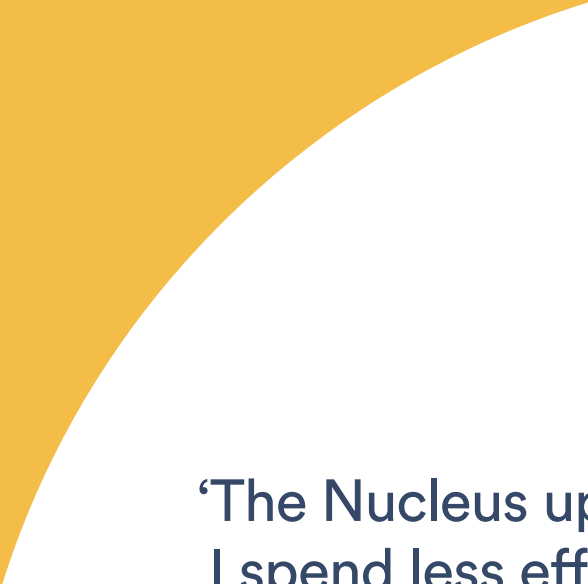
The remote control has a handy display screen helping you to see and adjust some settings to help manage your hearing. The Nucleus Smart App has been developed for the Nucleus 7 and Kanso 2 Sound Processors. Available for Apple and Android devices, it is easy to use<sup>14</sup> and offers the convenience of not having to carry an extra device. Parents may find the Nucleus Smart App especially useful to manage their child's hearing.

Cochlear Sound Processors offer a range of retention options to suit your needs and lifestyle.

Enables a parent/carer to check the sound quality of the microphone input from the recipient's sound processor or accessories.

Parents/carers can use the Sound Check feature in the Nucleus Smart App to listen to the sound quality of their loved one's Kanso 2 Sound Processor.

Our research and development is focused on offering those recipients with hearing loss treatable with our products, the best hearing possible today, while also anticipating how technology and your 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.



‘The Nucleus upgrade changed my life. I spend less effort trying to understand people. I just hear better.’

Jack, UK, Cochlear Nucleus Recipient

## Ready to take the next step?

### Why upgrade?

Technology is such an integral part of our life, and it just keeps getting better, easier and more accessible. Just as the technologies in smartphones, cars and TVs keep improving, Cochlear constantly innovates to improve your hearing solution for comfort, performance and usability.

### New technology to help you hear your best

We design our sound processors to help you hear your best. With our latest technology you can stream sound and videos directly from your smartphone. Automatic sound processing features adjust your hearing to suit different settings, such as a noisy restaurant or a windy park. There are also multiple wearing options, wireless connections and tailored services. And it's all available without additional surgery.

### How to upgrade

If you want to start the upgrade process, talk to your hearing health professional. They'll let you know what to do next.

### Ongoing support

By joining Cochlear Family, you'll receive eNews with tips and advice from experts and other recipients on a wide range of helpful topics. To join Cochlear Family, visit: [www.cochlear.com/family](http://www.cochlear.com/family). There are also easy-to-follow video tutorials available on our website and YouTube channel.





# Hear now. And always

As the global leader in implantable hearing solutions, Cochlear is dedicated to helping people with moderate to profound hearing loss experience a life full of hearing. We have provided more than 600,000 implantable devices, helping 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 innovative future technologies. We have the industry's best clinical, research and support networks.

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

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

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The Cochlear Nucleus Smart App is available on App Store and Google Play. The Cochlear Nucleus 7 Sound Processor is compatible with Apple and Android devices, for compatibility information visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility).

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