

Getting started: Cochlear™ Nucleus® Kanso® 2 Sound Processor





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There are many factors to consider when helping your patients choose the right sound processor for them.

Cochlear's research has shown that while some recipients want advanced control of their sound processor, others just want to simply put it on and forget about it. That's why Cochlear offers a choice of sound processors.

This overview aims to support you with key information when counselling your patients and provide further detail about the features and benefits of the Kanso® 2 Sound Processor.

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## Choosing a Cochlear sound processor

The Kanso 2 Sound Processor combines proven hearing performance technology<sup>2</sup> with the latest connectivity features in the smallest and lightest off-the-ear (OTE) sound processor with a rechargeable battery.<sup>3</sup>

In addition to supporting important hearing benefits, the design of the Kanso 2 Sound Processor delivers some exciting new features available for the first time in a Cochlear OTE sound processor:

- Auto-on and button-free control
- Built-in rechargeable battery
- Home Charger with built-in drying unit
- Portable Charger for on-the-go use<sup>5</sup>
- Variety of secure wearing options
- IP68 rating without accessories<sup>4</sup>
- Aqua+ for Kanso 2 Sound Processor for added confidence in the water

We understand that it is important to meet the diverse needs of your patients while providing them with a sound processor that allows for a seamless hearing experience and is easy to use. To assist you in guiding your patients through the features and benefits of the Nucleus 7 and Kanso 2 Sound Processors, Cochlear has developed a counseling tool. Within this guide, you will find more detailed product information and clinical considerations about the Kanso 2 Sound Processor.

## **Nucleus implant compatibility**

The Kanso 2 Sound Processor is compatible with the following Nucleus® implants:

- Nucleus 24 (Cl24M, Cl24R)
- Nucleus Freedom® (Cl24RE, Cl422)
- Nucleus Profile<sup>™</sup> (CI500 series)
- Nucleus Profile Plus (CI600 series)

Skin flap thickness and device retention are especially important when considering an OTE processor. Recommendations for implant position and skin flap thickness for use with the Kanso 2 Sound Processor remain the same as those for the Kanso Sound Processor.

If a patient seems likely to fall outside of the candidacy recommendations for a Kanso 2 Sound Processor, they or their carer should be counseled that a skin flap assessment or trial of a Nucleus 7 Sound Processor may be necessary in the event of retention issues post switch-on. For further information, please refer to the *Guidance for counselling patients* on Cochlear Nucleus Sound Processors and the Physician's Guide for detailed, implant-specific information.

### Magnet

Designed for tamper resistance and easy access, the magnet is located on the underside of the Kanso 2 Sound Processor. Please note that these magnets are different to those used with the Kanso Sound Processor. As with all our sound processors, a range of magnet strengths and compatibility across implants are available.



# **7 strengths:** ½, 1, 2, 3, 4, 5, 6 (standard and reverse)

- Nucleus 24 (CI24M, CI24R)
- Nucleus Freedom (CI24RE, CI422)
- Nucleus Profile (CI500 series)



**6 strengths:** 1/2(I), 1(I), 2(I), 3(I), 4(I), 5(I)

 Nucleus Profile Plus (Cl600 series)



#### **Magnet Tool**

Included with the Kanso 2
Magnet and specific to the
Kanso 2 Sound Processor,
makes it easy to replace and
securely lock magnets in place.

How to: The Kanso 2 Magnet is inserted into the medial (skin-facing) side of the sound processor and locked or unlocked using the Magnet Tool. Turn the tool clockwise to lock the magnet in place or counter clockwise to remove the magnet.



If your patient experiences discomfort due to retention force, the SoftWear pad can better distribute the pressure over a larger area, to reduce the possibility of skin irritation and improve comfort. To ensure optimal battery life is obtained with use of the SoftWear pad, it is recommended that it is placed prior to saving the MAPs to the sound processor while the sound processor is on the head. If your patient places the SoftWear pad while at home, complete this step at their next programming appointment.

## Microphone cover

The Kanso 2 Microphone Cover has been redesigned for easier replacement with microphone protectors built-in on the underside. It is important to remind your patients to change their microphone cover regularly to keep their cochlear implant sound processor working properly and optimize their hearing performance. As with the Kanso and Nucleus 7 Sound Processors, the Kanso 2 Microphone Cover should be replaced every three months, or sooner if your patients live in a high humidity environment, perspire frequently or notice degradation in sound quality.

How to: To replace the microphone cover, first remove the cover by firmly lifting it with your thumbnail in the slot provided, then sliding your nail either side to release it.

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## Wearing options

Given that off-the-ear sound processors sit away from the pinna and have fewer anchor points, retention is an important consideration. The Kanso 2 Sound Processor offers various options for your patients to secure their sound processor(s) while staying active.

### **Safety Lines**

Safety Lines are an important accessory designed to aid in the retention of the Kanso 2 Sound Processor. We recommend using a Safety Line when your patient is in or around places where the processor could be misplaced, such as playgrounds, the beach or amusement park.





hair clip



Safety Line (Long)



Safety Line (Long) with shirt clip



Nucleus Safety Line for use with Aqua+

How to: The Kanso 2 Sound Processor Safety Lines received a slight design change to make them easier to attach. Rather than looping the Safety Line through a groove on the sound processor, they snap into the underside of the Kanso 2 Sound Processor via the socket. To remove the Safety Line, use your fingernail in the groove of the socket molding to lift and remove or hold the Safety Line close to the socket and firmly pull at an angle.





It is recommended that recipients try their chosen retention option at the time of fitting to ensure they feel confident using it and are comfortable with its placement.

#### Headband

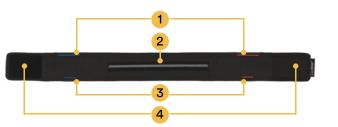
The Cochlear Headband for the Kanso 2 Sound Processor was designed with the same features as the Cochlear Headband for the Nucleus 7 Sound Processor, including quick-dry material, slim design and silicon strip for a firm hold.

Various headband sizes and color options are available.\*
The Cochlear Headband should be washed in cold water.

Head Circumference	Color
40-48 cm / 15.7 - 18.9 in	Vanilla
	Black
	Grey
45-53 cm / 17.7 - 20.8 in	Vanilla
	Black
	Grey
48-58cm / 18.9 - 22.8 in	Black
53-63cm / 20.9 - 24.8 in	Black
	40-48 cm / 15.7 - 18.9 in 45-53 cm / 17.7 - 20.8 in 48-58cm / 18.9 - 22.8 in

### **Headband components**

- 1 Pocket for left (blue) and right (red) processor
- 2 Anti-slip section for forehead
- 3 Cable access for Portable Charger
- 4 Velcro hook and loop fastener



How to: Insert the sound processor into the pocket, making sure the bottom of the sound processor (straight edge) goes in first and the back of the sound processor (with magnet) is facing towards you. If there are two sound processors, place the second sound processor in the other pocket.

Place the headband on the head, making sure that the anti-slip section is against your patient's forehead, and ensure the sound processor is over the implant. The headband should fit firmly and the hook and loop fastener should be joined securely (press firmly).



With red and blue embroidery on the pockets, identifying the correct pocket for a right or left processor is quick and easy. A small opening beneath the processor pocket allows cable access for the Portable Charger.

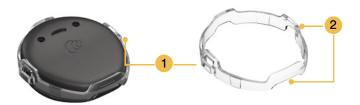
### Kanso Halo accessory

The Kanso Halo accessory is designed to keep the Nucleus Kanso 2 Sound Processor more securely on your patient's head. Its sleek design and two attachment points help to anchor the sound processor on both sides and provide additional reassurance during high-energy activities or play.

The Halo accessory will come assembled with two rings. It is designed and recommended for use with the rings and Cochlear Hair Clips. The Safety Line with Hair Clips (short double loop) is another wearing alternative.

#### Halo accessory components

- 1 Eyelets on either side of the Kanso Halo accessory
- 2 Four underside and upperside clips to affix the Kanso Halo accessory onto the sound processor.



How to fit: Align the eyelets of the Halo accessory with the Nucleus Kanso 2 Sound Processor and push the Halo accessory until it slides into place on the sound processor. Check that the accessory is secure. It should not make a clicking sound when assembled. If a click is heard, this indicates that the accessory has gone under the microphone cover. This can result in the microphone cover coming off when removing the accessory. Next, affix either two Hair Clips or two short double-loop Cochlear Safety Lines with Hair Clips to the Kanso Halo accessory.

Mount the sound processor onto the implant with the Hair Clips hanging from either the rings or the safety lines. Ensure that the sound processor is positioned correctly on the head, then attach the Hair Clips to hair on either side of the sound processor. Check if the Hair Clips are secure and adjust the placement of the Hair Clips if required. Press the edges of the Hair Clips to close and secure the Halo accessory and Kanso 2 Sound Processor to your patient's head.



The Kanso Halo accessory is recommended for use by recipients who can either remove the sound processor and Kanso Halo accessory themselves if it's causing discomfort, or who can indicate any discomfort to their parent or caregiver. Remember to remind your patients that the Halo accessory must be removed before they place their sound processor in their home charger.

<sup>\*</sup> Cochlear Headband for Nucleus 7 and Cochlear Headband for Kanso 2 may not be used interchangeably



## **Battery and charging**

The Kanso 2 Sound Processor uses a built-in rechargeable lithium-ion battery and can provide most recipients with at least 18 hours of battery life.<sup>3,#</sup> The built-in battery will arrive with 10 - 20% charge. It is estimated that for the majority of your patients, this would supply approximately two hours of 'on-air' time following their fitting session, so you may consider charging the sound processor prior to the fitting appointment to meet their needs.<sup>5,#</sup>

High power MAPs can significantly impact battery life. In cases where battery life for the Kanso 2 Sound Processor is deemed unsatisfactory, you may consider modifying your patients MAP using parameters which require less power (e.g., a lower total stimulation rate) or use the Nucleus 7 Sound Processor with a rechargeable battery. If modifying their MAP, confirm they have maintained sound quality and speech perception with the new parameters.

The Kanso 2 Sound Processor battery has been tested to maintain 80% of the original battery capacity after 2000 recharge cycles, representing three to five years of use; this length of time may vary depending on individual use and MAP parameters.

### Charge overnight

The Home Charger is the primary charging unit and offers a convenient way for your patients to wirelessly charge, dry and store their Kanso 2 Sound Processor at the same time. Drying crystals are not required as the Home Charger uses an internal fan to circulate air and dry the sound processor. Once the lid is closed, charging begins and the sound processor will display a slow pulsing green LED to indicate it is charging and a steady green LED when it is fully charged.



Charging is usually complete within 4.5 hours but may require additional time if charging occurs at extreme temperatures. Accessories such as the SoftWear Pad and Safety Lines can remain attached while in the Home Charger and the Agua+ for the Kanso 2 Sound Processor must be removed prior to charging.

While the sound processor is charging, wireless communication is not possible with a compatible smartphone (e.g., phone calls will not be directly streamed to the sound processor and the sound processor battery status cannot be monitored via a paired compatible smartphone). The sound processor will be on by default when removed from the Home Charger (this cannot be disabled within the Custom Sound® Pro fitting software or Nucleus Smart App) and may feel warm to the touch.

If the implant is detected within two minutes of removal from the Home Charger, the Kanso 2 Sound Processor will flash green with the number of the program last used and the delivery of the signal begins. If the implant is not detected within the two minute window, the sound processor remains off. Please refer to the Kanso 2 Sound Processor User Guide for further details.

### Charge on-the-go

The Portable Charger is an optional accessory that allows your patient to be 'on air,' stream, control and monitor from a compatible smartphone while providing additional charge to the sound processor. It may also be used to charge the Kanso 2 Sound Processor while your patient is not listening 'on-air'. The Portable Charger will arrive with approximately 30% charge and must be connected to a USB power source to 'awaken' the battery prior to use.



The Portable Charger is charged via USB and requires three hours to fully charge. The LED button will display up to four dots to indicate the amount of charge remaining in the Portable Charger; each dot equals 25% charge. Press the LED button to observe the amount of charge in the Portable Charger.

Once connected to the sound processor, the LED button will be green and the sound processor LED will display a slow pulsing green light. While worn on the head, the slow pulsing green light is not seen. If 'child' mode is enabled when the sound processor is on the head, quick green flashes will demonstrate sound is detected in the environment. The Portable Charger will charge a flat sound processor in approximately three to four hours; this length of time may vary if the sound processor is used while being charged, due to MAP power requirements.

When traveling, the Portable Charger should be treated like a power bank; it should only be carried in carry-on luggage on commercial flights. Please refer to the Kanso 2 Charger User Guide for more details.



Your patient should use the Home Charger every night to ensure the processor is charged and moisture is removed. Encourage your patient to charge the Portable Charger while the sound processor is being charged via the Home Charger.



Enable 'Auto processor off' within Custom Sound Pro fitting software and the sound processor will automatically turn off when not connected to the implant for more than two minutes. 'Auto processor off' is enabled by default for 'adult' mode.

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<sup>#</sup> Battery life may vary depending on the implant, programming parameters and device use.

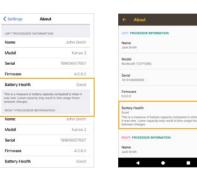


### **Battery Health**

A new Battery Health feature is now available within the Nucleus Smart App to assist with monitoring the health of the built-in rechargeable battery. You and your patient will be able to identify when the battery is functioning as expected ('good' or 'okay') or whether it 'needs attention' or is 'unable to charge'. When the message displays 'needs attention', the battery should be replaced rather than waiting until the message displays 'unable to charge'. If Battery Health displays 'unable to charge,' your patient can remain on air with use of the Portable Charger to power their sound processor. Please contact your local Cochlear representative for support, if needed.

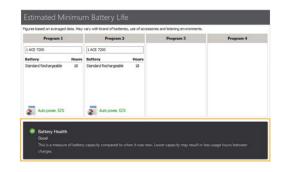
#### For your patient:

View Battery Health within the Settings menu of the Nucleus Smart App.



#### For you:

View Battery Health within Custom Sound Pro fitting software on the Finalize screen.



## **Sound Processing**

The Kanso 2 Sound Processor offers the same range of sound processing features as those in the Nucleus 7 Sound Processor, to optimize your patients' hearing in a range of different environments.<sup>2</sup> These include:



Dual omni-directional microphones work together to filter out background noise and have been shown to deliver superior hearing in noise compared with a single microphone.<sup>7</sup>



SmartSound® iQ with SCAN seamlessly applies pre-processing and microphone directionality changes for a given environment without the need for manual adjustments to deliver proven hearing performance.<sup>2</sup>



ForwardFocus in the Nucleus Smart App reduces distracting noise coming from behind to help your patients better enjoy face-to-face conversations in challenging situations.8



Enable ForwardFocus within Custom Sound Pro fitting software under 'Processor Settings' on the 'Finalise' screen. Once enabled, your patients can access ForwardFocus within the Nucleus Smart App.

## **Programming**

### **Before fitting**

The Kanso 2 Sound Processor will arrive with approximately 10 - 20% charge. It is estimated that for most users, this would supply approximately two hours of on-air time following their switch-on.\*

The built-in battery must be 'awakened' prior to first use. This occurs by connecting it to the Custom Sound Pro fitting software, by placing it in the Home Charger, or by connecting it to the Portable Charger. Otherwise, the processor will not turn on when removed from the box.

### Fitting software and programming adaptor cable

The Kanso 2 Sound Processor must be programmed using Custom Sound Pro fitting software and the Kanso 2 Programming Adaptor Cable. Programming may be completed with the Wireless Programming Pod and a Nucleus 7 Rechargeable Battery or the Nucleus 7 Programming Cable and wired Programming Pod.

The Kanso 2 Sound Processor is externally powered via the computer power source or a Nucleus 7 rechargeable battery during the fitting process, so no battery charge from the Kanso 2 Sound Processor is used whilst programming in the Custom Sound Pro fitting software.



### **Programming**

Programming of the Kanso 2 Sound Processor is similar to other Nucleus sound processors. During programming, use the wearing options that the recipient will primarily use (e.g., with the Cochlear SoftWear Pad) so that the power level requirements can be determined correctly by the Custom Sound Pro fitting software. Power optimization is completed when the MAPs are saved to the sound processor while the sound processor is on the patient's head.

To maximize battery life, use 'Auto Power' and enable 'Auto processor off'. 'Auto processor off' will automatically turn the sound processor off after there has been no detection of the implant for two minutes (this feature is on by default for 'adult' mode only). Auto-on is on by default for all modes and is not configurable within the Nucleus Smart App or Custom Sound Pro fitting software.

There may be instances where those upgrading from a behind-the-ear sound processor will experience a decrease in battery life. Your patient may wish to trial an alternate MAP with modified parameters (e.g., a lower total stimulation rate) to improve battery life. If adjustments are completed, confirm sound quality and speech perception are maintained with use of the modified MAP.



If your patient wishes to use telecoil, they will access it via the Mini Microphone 2+, which is optimized for room loop use.

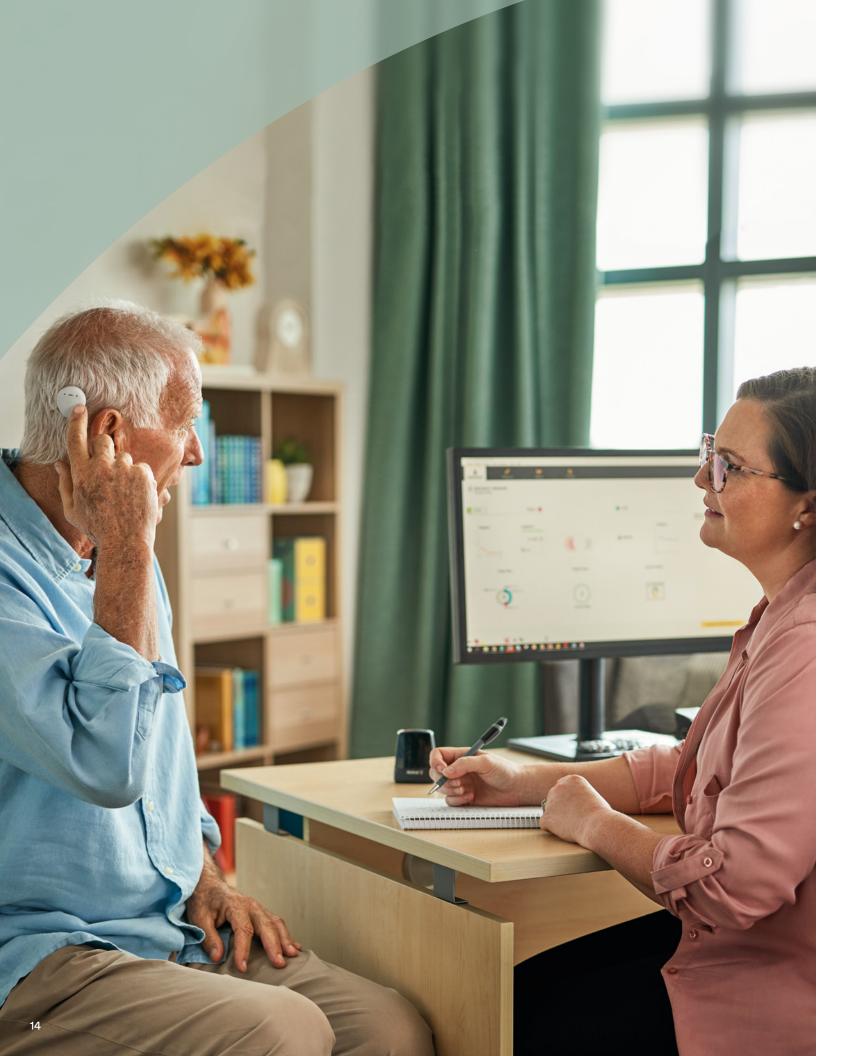


If programming a backup sound processor, save the MAPs to the backup sound processor within the same session.



<sup>^</sup> Ensure the processor begins to charge.





## Turning the sound processor on and off

With no small buttons or switches, the Kanso 2 Sound Processor is designed to be easier than ever for your patients to turn on and off. There are two methods to turn the sound processor on and off: automatically and with tap control.

#### Auto-on

'Auto-on' is on by default and can not be configured in within the Custom Sound Profitting software. Simply picking up the sound processor activates 'auto-on.'

How to: With the sound processor off and resting on a steady surface, pick up the Kanso 2 Sound Processor and this will activate 'auto-on.' If the implant is detected within five seconds, the Kanso 2 Sound Processor will flash green with the number of the program last used and the delivery of the signal begins. If the implant is not detected within the five second window, the sound processor remains off. If an implant is not detected, no LED is seen.

#### Auto-off

'Auto processor off' allows your patient to maximize their battery life by automatically turning the sound processor off after there has been no detection of the implant for more than two minutes. As 'Auto processor off' is enabled by default for 'adult' mode and disabled by default for 'child' mode, remind parents and carers to turn the sound processor off when it is not in use.

How to: Enable 'Auto processor off' within Custom Sound Pro fitting software in 'Processor Settings' on the 'Finalize' screen.



If your patient needs a little more than five seconds to get their sound processor positioned on their coil, they can remove the Kanso 2 Sound Processor from the Home Charger or disconnect it from the Portable Charger and the sound processor will remain on.\*

### Tap control

The Kanso 2 Sound Processor also detects tapping by monitoring for very small movements on the cover. To turn the processor off, it requires three quick, firm taps. Tapping can not be disabled within the Nucleus® Smart App or Custom Sound Profitting software.



While the sound processor is on and placed on the head, the only tap sequence which will change any setting is to tap the sound processor three times, which turns the device off.



2 taps = on 3 taps = off

<sup>\*</sup> Ensure the processor begins to charge.

## **Pairing**

The Kanso 2 Sound Processor is the first and only off-the-ear cochlear implant sound processor to offer direct streaming from a compatible Apple or Android device.\* With a compatible smartphone, your patient, or their parent/carer, can use the Nucleus Smart App to change programs and adjust volume, set personalized hearing goals with the Hearing Tracker, use Sound Check to check the sound quality of the microphones, and help them to locate a misplaced sound processor.

### Compatible smartphone

The Kanso 2 Sound Processor offers the same connectivity as the Nucleus 7 Sound Processor, including compatibility with the Nucleus Smart App. Prior to pairing, ensure the patient's smartphone is compatible with the Kanso 2 Sound Processor by visiting Cochlear's compatibility page at www.cochlear.com/compatibility. Before your patient can begin using the Nucleus Smart App control features and direct streaming, they will need to pair their sound processor(s) with their compatible smartphone.



- 1. Turn the sound processor off.
- 2. Place the compatible smartphone into pairing mode.
- 3. Apple devices: Open 'Settings', select 'Accessibility' and then select 'Hearing Devices'. Select the name of the sound processor(s) to be paired.
- 4. Android devices: Open the Nucleus Smart App and follow the prompts on the screen.
- 5. While the compatible smartphone is in pairing mode, turn the sound processor on to allow the sound processor to be discoverable by the compatible smartphone. To watch a video demonstration of the pairing process, visit www.nucleussmartapp.com/pair. If pairing a left and right sound processor, they will need to be turned on at the same time.
- 6. The Kanso 2 Sound Processor LED will flash blue for four seconds after pairing to the compatible smartphone is successful.

#### **CR310 Remote Control**

For control of program and volume or sensitivity without the use of a smartphone, the Kanso 2 Sound Processor is also compatible with the CR310 remote control. The CR310 remote control offers them the ability to change programs, volume or sensitivity and to start/stop wireless accessory streaming.

#### How to:

- 1. With the sound processor and remote control turned on, place the back of the sound processor coil on the back of the remote control. The remote control will display [] while pairing.
- 2. The sound processor will flash green and the remote control will display the program number and loudness when pairing has been successful.



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#### True Wireless™ Devices

Providing your patients with audible, consistent hearing in challenging circumstances is essential to helping them achieve success in the classroom and beyond.

The Mini Microphone 2/2+ and TV Streamer can help bring them closer to sound by streaming high quality audio directly to their sound processor. With the Phone Clip, users can stream audio from any Bluetooth® device, such as a laptop. If they have a compatible smartphone, they can control their True Wireless<sup>™</sup> devices directly from the Nucleus Smart App.





Your patients can pair a Mini Microphone 2+ with the Kanso 2 Sound Processor to access

#### How to:

- 1. Turn on the True Wireless device and place it in 'pairing mode' by gently using a pen to press the pairing button of the device. The pairing mode will be active for 20 seconds.
- 2. Note: pressing once will pair to the first accessory channel. Pairing to the second and third channels requires two and three presses of the pairing button, respectively. For more information, see the User Guide of the wireless device to be paired.
- 3. While the True Wireless device is in pairing mode, turn the sound processor on to allow the sound processor to be discoverable by the True Wireless device. To watch a video demonstration, visit www.nucleussmartapp.com/pair.
- 4. The sound processor will flash blue for four seconds when pairing to the wireless device is successful.

<sup>\*\*</sup>Europin FM receiver required for FM use



<sup>\*</sup>The Cochlear Nucleus Kanso 2 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

<sup>\*</sup>Mini Microphone 2+ telecoil is optimized for room loop

### **Sound Check**

Parents and carers can monitor the sound quality of microphone input for the Kanso® 2 Sound Processor using Sound Check; perfect for those instances where your patient cannot reliably report sound quality changes. Unique to the Kanso 2 Sound Processor, Sound Check does not require additional accessories and is accessed via the Nucleus Smart App.\*

When using Sound Check, the Kanso 2 Sound Processor may be on or off the head while recording and the recording should be completed away from electromagnetic disturbances and in a quiet environment. Recording of a mixing ratio, paired devices or accessories is not supported.

Your patient, or their parent/carer, can listen to the recording via the smartphone speaker. Please note that the quality of speakers on the smartphone will affect the sound quality on playback of the recording. Recordings can be shared with others via messages on the smartphone. Recordings are not saved to the cloud and will remain on the user's smartphone until deleted.



Encourage parents and carers to complete and save a recording at the time of the fitting to serve as a baseline for future comparison. If there are concerns when listening to the recording, replace the microphone cover and repeat recording to confirm sound quality issues have resolved. If sound quality has not improved with replacement of the microphone cover, parents/carers should be encouraged to contact their local Cochlear Customer Service.

## Aqua+ for the Kanso 2 Sound Processor

The Kanso 2 Sound Processor offers the highest protection available from dust and moisture for an off-the-ear sound processor with an IP68 rating without the use of additional accessories.<sup>4</sup> This means that recipients don't have to worry about splashes or being caught in a rain shower. For the beach, pool or prolonged water-based activities, we recommend use of Aqua+ for the Kanso 2 Sound Processor for additional confidence.

- Aqua+ for the Kanso 2 Sound Processor can be used in fresh, salt or chlorinated water.
- Aqua+ for the Kanso Sound Processor is not compatible with the Kanso 2 Sound Processor and vice versa – both sound processors have different Aqua+ cases.
- Remove Safety Lines prior to placing the Kanso 2 Sound Processor within the Aqua+.



Aqua+ and the Kanso 2 Sound Processor are not designed to float.

Cochlear recommends use of the Nucleus Safety Line when using the Aqua+ for the Kanso 2 Sound Processor.



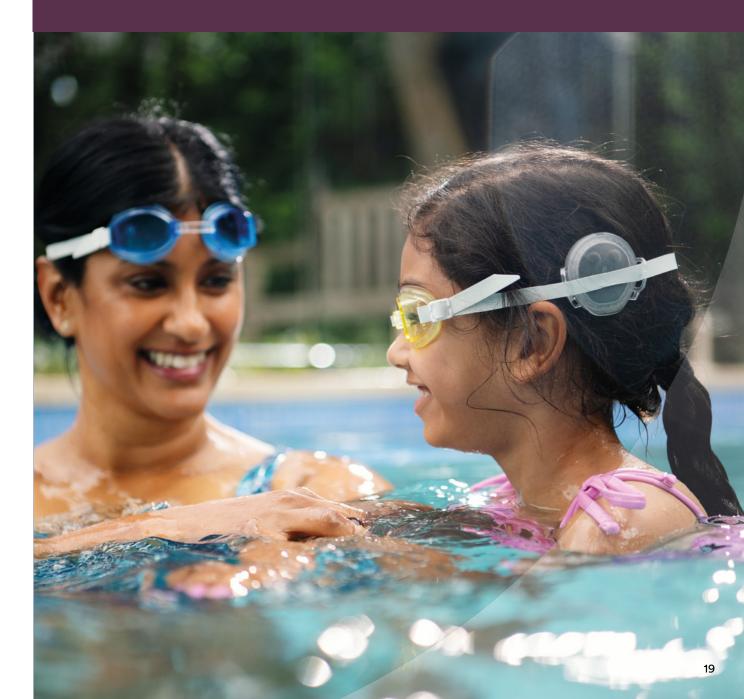
## **Summary**

The Kanso 2 Sound Processor offers the proven hearing performance technologies and connectivity of the Nucleus 7 Sound Processor in a simple and discreet design providing your patients with the freedom of wearing nothing on the ear.

The Kanso 2 Sound Processor is suitable for pediatric and adult cochlear implant candidates and upgrade recipients. We hope that the information within this document supports your counselling and management to maximize outcomes for all of your patients who choose the Kanso 2 Sound Processor.



Please contact your local Cochlear representative if you require further support in recommending or managing the Kanso 2 Sound Processor for your patients.



<sup>\*</sup>The Cochlear Nucleus Kanso 2 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 ^ Kanso 2 Sound Processor users with a compatible Android smartphone may also listen with earphones.

Microphone recording
Recording instructions
Ensure are in a soft piece and hold your
processor at any large.

1. Record a few seconds of the
buckground rosise,
2. Say completing like "helding, setting" and
regreat the sounds: Nu, min, shi, no, sh and
3. Soon the recording and play it busk to liketen
to it.

## 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 collaborate with leading clinical, research and support networks.

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

#### References

- 1. Cochlear Limited. D1749560. Recipient Survey Gfk Australia February 2018. May 2020.
- 2. Warren C, Nel E, Boyd P. Controlled comparative clinical trial of hearing benefit outcomes for users of the Cochlear Nucleus 7 Sound Processor with mobile connectivity. Cochlear Implants Int. (2019 Feb); 20(3):116-126.
- 3. Cochlear Limited. D1190805. Sound Processor Size Comparison. March 2020.
- 4. Cochlear Limited. D1671736. CP1150 IEC60529 Ingress Protection Test Report IP68. October 2019.
- 5. Cochlear Limited. D1707584. CP1150 Battery Management. February 2020.
- 6. Cochlear Limited. D1710313. CP1150 Battery Life Coverage Technical Report. March 2020.
- 7. Mauger SJ, Jones M, Nel E, Del Dot J. Clinical outcomes with the Kanso off-the-ear cochlear implant sound processor. Int J Audiol. (2017 Jan); 56:4, 267-276.
- 8. Cochlear Limited. D1660797. CP1150 Sound Processor Interim Clinical Investigation Report. January 2020.

This material is intended for health professionals. If you are a consumer, 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.

The Cochlear Nucleus Kanso 2 Sound Processor is dust and water resistant to level of IP68 of the International Standard IEC60529. The Cochlear Nucleus 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 Guide for more information.

Cochlear Nucleus Kanso 2 Sound Processors are compatible with Apple and Android devices. Cochlear Nucleus Smart Apps are available on App Store and Google Play. For compatibility information visit www.cochlear.com/compatibility.

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