

## Technical Specifications

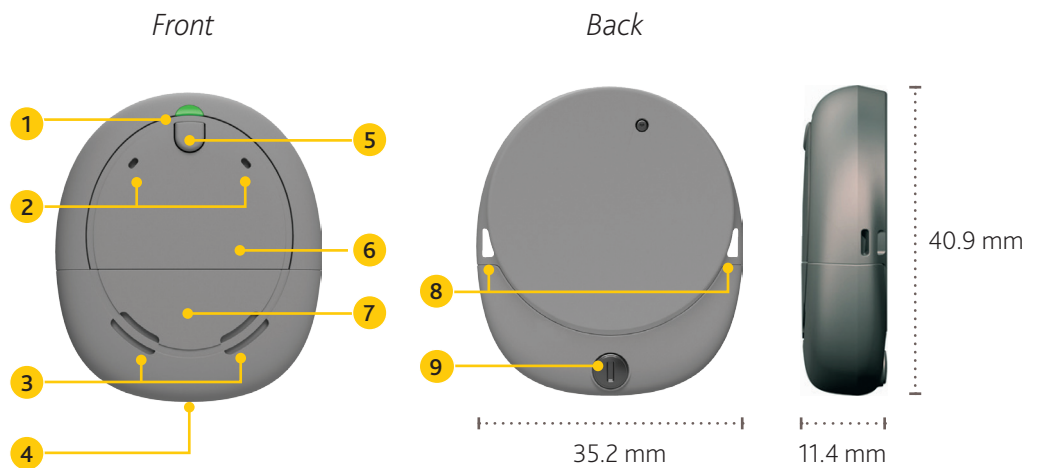
# Cochlear™ Nucleus® Kanso™ Sound Processor (CP950)

The Kanso™ Sound Processor is a simple, discreet, off-the-ear sound processor with the proven technology of the Nucleus® 6 Sound Processor.

Kanso is the smallest and lightest off-the-ear sound processor available. Kanso is designed to help recipients hear with clarity using SmartSound® iQ with SCAN\* and dual microphones, and is compatible with Cochlear™ True Wireless™ devices. Kanso is dust and splash resistant.\*\*

## KANSO SOUND PROCESSOR COMPONENTS

- 1 Indicator light
- 2 Microphone ports
- 3 Air slots
- 4 Programming port
- 5 Control button
- 6 Front cover
- 7 Battery cover
- 8 Safety Line attachment points
- 9 Battery cover lock



## COLOR OPTIONS



White



Silver



Slate grey



Black



Sandy blonde



Golden blonde



Copper brown



Chocolate brown

\* SNR-NR and WNR are 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 2) report a preference for different program settings. SCAN is FDA approved for use with any recipient age 6 years old and older, to be used at the discretion of the recipient/parent/caregiver.

\*\* The Kanso Sound Processor is water resistant to level IP54 of the International Standard IEC60529.

Hear now. And always



# TECHNICAL SPECIFICATIONS

Model number	CP950		
Device Dimensions	Length 40.9 mm	Width 35.2 mm	Depth 11.4 mm
Weight	Kanso processing unit 5.11 g Kanso processing unit with M2 Magnet 11.6 g Kanso processing unit with M2 Magnet with two zinc air batteries 13.9 g		
Material	Polyamide		
Sound input frequency range	100 Hz to 8 kHz		
Wireless technology	Proprietary low power bi-directional wireless link		
Coil operating frequency	5 MHz		
RF frequency	2.4 GHz		
Operating voltage	2.0 V to 4.25 V		
Power consumption	20 mW to 60 mW		
Button functions	Turn processor on and off, turn audio sources on and off, change program		
Remote communication range	Up to 2 m		

## KEY FEATURES

- SmartSound iQ with SCAN\*
- Dual microphones
- Available in eight colors
- IP54 rating for water and dust resistance
- Seven magnet strengths available
- LED status monitoring

## CONNECTIVITY

- Compatible with Cochlear Nucleus CR210 Remote Control and CR230 Remote Assistant
- Compatible with Cochlear True Wireless™ devices
- FM compatibility available with the Cochlear Wireless Mini Microphone 2+
- Telecoil optimized for room loops

## ACCESSORIES

- Aqua+ for Kanso†
- Cochlear Headband
- SoftWear Pads
- Safety Lines - available in standard (21 cm), long (26 cm) and short double-loop (8 cm)

## POWER OPTIONS

- Powered by two high power 675 (PR44) zinc air disposable batteries
- Majority of users will get more than 16 hours and up to 60 hours for typical use\*\*

## CLINICAL CONSIDERATIONS

- Compatible with all Nucleus Implants (except Nucleus 22 Implants)
- Implant needs to be positioned in the recommended location (see *Physician's Guides*†)
- Kanso is recommended for those with a skin flap less than 9 mm<sup>2</sup>
- Recipients with high power requirements may require a MAP change for Kanso

## PROGRAMMING

- Compatible with Custom Sound®
- Kanso Programming Adaptor Cable

### REFERENCE:

1. Cochlear supplies a Physician's Guide for each implant model. Please refer to the Surgical Procedure section of the guide.
2. Cochlear Limited. Surgical Considerations for Kanso (Presentation). D824880 ISS1 MAY16

\* SNR-NR and WNR are 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 2) report a preference for different program settings. SCAN is FDA approved for use with any recipient age 6 years old and older, to be used at the discretion of the recipient/parent/caregiver.

\*\* Battery life will vary depending on system settings and hearing situation - check User Guides.

† The Kanso Sound Processor with the Aqua+ is water resistant to level IP68 of the International Standard when used with LR44 alkaline or nickel metal hydride disposable batteries.

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

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