

Cochlear[™] Kanso[®] 3 Nexa[™] Sound Processor (CP1175)

Features and components

- 1 Microphone ports
- 2 Indicator light
- 3 Magnet
- 4 Socket cover



Color options



Black



Slate Grey



Silver



Sandy Blonde



Chocolate Brown



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Technical specifications

Model number	CP1175
Wireless frequency	Proprietary 2.4 GHz low power bidirectional wireless link. Published commercial wireless protocol (Bluetooth® Low Energy)
Wireless communication range	Remote control: at least 2 m Smartphone control: at least 2 m Smartphone streaming: at least 7 m
Operating frequency	5.0 MHz
Input operating voltage	4.75 V to 5.35 V
Power consumption	15 mW–65 mW
Tap functions	Turn processor on and off, enable flight mode
Battery capacity	175 mAh (3.7V nominal)
Power options	Integrated rechargeable lithium ion battery (typical expected battery life 21 hours*)
Charge cycles	≥ 80% capacity after 2000 charge/discharge cycles at room temperature
Device dimensions	Length: 38 mm Width: 34 mm Depth: 12.5 mm Weight: 14.2 g**

Key features

- Smallest and lightest rechargeable off-the-ear sound processor
- SmartSound® iQ 2 with SCAN 2[^]
- ForwardFocus (if enabled by a clinician) and SCAN 2 FF (automated ForwardFocus)[†]
- Dynamic power management
- Dual microphones
- Wireless inductive charging
- Integrated rechargeable lithium ion battery
- Available in five color options
- IP rating for water and dust resistance:
 - IP68[~]
 - Swimmable with Aqua+
- Six magnet strengths
- LED status monitoring

Implant compatibility

- Compatible with Nucleus Nexa Series implants

Connectivity

- Ready for Bluetooth® LE Audio – firmware updates required[‡]
- Compatible with the Nucleus Smart App
- Direct streaming from compatible Apple and Android™ devices[#]
- Streaming from other Bluetooth-enabled devices via the Cochlear Wireless Phone Clip
- Compatible with Cochlear True Wireless™ devices
- Compatible with Cochlear Remote Control (CR310)

FM compatibility

- Via the Cochlear Wireless Mini Microphone 2+ with a three-pin Euro receiver

Accessories

- Retention accessories:
 - A range of safety lines
 - Kanso Headband (4 sizes)
- Cochlear SoftWear™ Pad
- Aqua+
- Kanso Halo accessory
- Portable Charger
- Home Charger

Programming

- Compatible with Custom Sound® fitting software
- Programming achieved using the programming pod, or wireless programming pod with the Kanso 2 programming adaptor cable

* Battery life varies for every user, according to the age of the battery, programs used each day, your implant type, the thickness of skin covering your implant, and the size and type of battery. Typical expected battery life is calculated using default map settings used with a CI1000 series implant.

** Sound processor with lowest strength magnet

[^] SNR-NR, WNR and SCAN 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.

[†] ForwardFocus is a clinician-enabled feature that can be user-controlled or automated. 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 Kanso 3 Sound Processor is dust and water resistant to level of IP68 of the International Standard IEC60529. With the Aqua+ accessory, the Kanso 3 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 3 metres for up to 2 hours. Refer to the relevant User Guide for more information.

[‡] As Bluetooth LE Audio compatible devices become available, a firmware update will be required for you to use certain features. Auracast™ broadcast audio capability is subject to third party adoption of the Auracast protocol.

[#] The Cochlear Nucleus Smart App is available on App Store and Google Play. The Kanso 3 Sound Processors are compatible with Apple and Android devices, for compatibility information visit www.cochlear.com/compatibility

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.

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