Why it matters

- Hybrid™ Hearing combines acoustic amplification of any natural hearing you have after surgery with cochlear implant technology to provide access to the sounds you're missing. The result can be a richer hearing experience.

- SmartSound™ IQ is Cochlear’s most advanced sound processing technology. It works by filtering out background noise and automatically adapting to optimise your hearing experience, focusing on sounds that are most important to you.

Technology

<table>
<thead>
<tr>
<th>Feature</th>
<th>Nucleus 7 Sound Processor</th>
<th>Nucleus Kanso Sound Processor</th>
<th>Why it matters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Behind-the-ear (BTE)</td>
<td>•</td>
<td></td>
<td>A BTE sound processor is worn on the ear and a small coil is held in place against the head with a magnet. The Cochlear™ Nucleus® 7 Sound Processor is our most advanced BTE sound processor that offers our innovative technologies including SmartSound™ IQ™ with SCAN, exclusive True Wireless™ technology and smartphone compatibility.</td>
</tr>
<tr>
<td>Off-the-ear (OTE)</td>
<td>•</td>
<td></td>
<td>An OTE sound processor provides a comfortable, discreet hearing solution without compromising hearing performance. The Kanso® Sound Processor is worn off-the-ear as a single unit and features our advanced SmartSound™ IQ™ and exclusive True Wireless technologies, battery pack and coil into a single, easy-to-use unit.</td>
</tr>
<tr>
<td>Hybrid* Hearing</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SmartSound* IQ with SCAN</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ForwardFocus</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>iMySmartSound</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dual microphones</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CR210</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lightest OTE option</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>True Wireless</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Made for iPhone compatibility</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telephone use</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Telephone use - standard headset</td>
<td>Microphone or telecoil</td>
<td>Microphone or telecoil</td>
<td>Use the telephone to easily connect with family and friends. Third party accessories may also be available to use with standard telephone headsets.</td>
</tr>
<tr>
<td>Telephone use - smartphone streaming</td>
<td>Direct streaming through Made for iPhone (compatible Apple devices)</td>
<td>Streaming with Cochlear Wireless Phone Clip</td>
<td></td>
</tr>
<tr>
<td>Compatible with Cochlear True Wireless* devices</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wireless Phone Clip</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wireless TV Streamer</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mini Microphone</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remote Control</td>
<td>CR310</td>
<td>CR210</td>
<td></td>
</tr>
<tr>
<td>Advanced Remote Assistant</td>
<td>Nucleus Smart App</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bimodal/Bilateral streaming</td>
<td>Made for iPhone &amp; True Wireless range</td>
<td>True Wireless accessories</td>
<td></td>
</tr>
<tr>
<td>FM connectivity</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto-On</td>
<td>•</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Features

<table>
<thead>
<tr>
<th>Feature</th>
<th>Nucleus 7 Sound Processor</th>
<th>Nucleus Kanso Sound Processor</th>
<th>Why it matters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>Smallest BTE sound processor to date</td>
<td>Small and discreet OTE sound processor</td>
<td>The Nucleus 7 Sound Processor is Cochlear’s smallest behind-the-ear sound processor to date, 25% smaller than its predecessor.</td>
</tr>
<tr>
<td>Size</td>
<td></td>
<td></td>
<td>The Kanso Sound Processor is the smallest off-the-ear sound processor available.</td>
</tr>
<tr>
<td>Weight</td>
<td>Lightest BTE sound processor to date</td>
<td>Lightest OTE option available</td>
<td>Designed for comfort, the Nucleus 7 Sound Processor is Cochlear’s lightest BTE processor, 24% lighter than its predecessor.</td>
</tr>
<tr>
<td>Color range</td>
<td>6 Color Options</td>
<td>8 Color Options</td>
<td></td>
</tr>
<tr>
<td>Water and dust resistance ratings</td>
<td>Water resistant (IP57) with rechargeable batteries</td>
<td>Water resistant (IP54)</td>
<td>Both the Kanso Sound Processor and the Nucleus 7 Sound Processor give you full confidence when caught in the rain, being splashed with water or sweating it out in the gym. Adding Aqua+ opens up a world of water activities such as swimming underwater, surfing, taking a shower and more.</td>
</tr>
<tr>
<td>Water and dust resistance ratings</td>
<td>Waterproof (IP68) when worn with Aqua+</td>
<td>Waterproof (IP68) when worn with Aqua+</td>
<td>Knowing your Nucleus 7 Sound Processor is tested and certified to perform as advertised in all conditions.</td>
</tr>
</tbody>
</table>

COMPARISON CHART

<table>
<thead>
<tr>
<th>Sound Processor Type</th>
<th>Nucleus 7 Sound Processor</th>
<th>Nucleus Kanso Sound Processor</th>
<th>Why it matters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water resistant</td>
<td>CR210</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weight</td>
<td>Lightest OTE option available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Color range</td>
<td>6 Color Options</td>
<td>8 Color Options</td>
<td></td>
</tr>
<tr>
<td>Water and dust resistance ratings</td>
<td>Water resistant (IP57) with rechargeable batteries</td>
<td>Water resistant (IP54)</td>
<td>Both the Kanso Sound Processor and the Nucleus 7 Sound Processor give you full confidence when caught in the rain, being splashed with water or sweating it out in the gym. Adding Aqua+ opens up a world of water activities such as swimming underwater, surfing, taking a shower and more.</td>
</tr>
<tr>
<td>Water and dust resistance ratings</td>
<td>Waterproof (IP68) when worn with Aqua+</td>
<td>Waterproof (IP68) when worn with Aqua+</td>
<td>Knowing your Nucleus 7 Sound Processor is tested and certified to perform as advertised in all conditions.</td>
</tr>
</tbody>
</table>
Why it matters

- An easy way to quickly and easily assess the status of your child’s sound processor.

Batteries

- Disposable batteries typically last several days, depending on the power needs of each recipient’s equipment. (Battery life may vary by individual.)
- Both the Kanso Sound Processor and the Nucleus 7 Sound Processor have a one button interface for basic control functionality.

For Parents

- Both standard and compact rechargeable battery modules are available.
- The Nucleus 7 Sound Processor has been designed with efficiency in mind, to deliver long-lasting battery performance (2x high power zinc air batteries).

Wearing & Retention Options

- Earhooks with additional tamper resistance.
- Helps keep the sound processor securely in place, especially for active adults and children.
- 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.
- Provides additional security when taking part in activities where you risk losing your sound processor.
- Helps prevent children from opening the battery cover.
- Helps keep the sound processor securely in place, especially designed for smaller ears.

Compatibility

- Both the Kanso Sound Processor and the Nucleus 7 Sound Processor have a one button interface for basic control functionality.

References


Apple, the Apple logo, FaceTime, Made for iPad logo, Made for iPhone logo, Made for iPod logo, iPod, iPhone, iPad, the Dock, and Siri are trademarks of Apple Inc., registered in the U.S. and other countries. Information accurate as of February 2018.

Batteries

- Disposable batteries (high-power 675 zinc air)
- Rechargeable batteries
- Battery life
  - Up to 80 hours (battery life may vary by individual)
- Rechargeable battery charger

For Parents

- Both standard and compact rechargeable battery modules are available.
- The Nucleus 7 Sound Processor has been designed with efficiency in mind, to deliver long-lasting battery performance (2x high power zinc air batteries).

Wearing & Retention Options

- Earhooks with additional tamper resistance.
- Helps keep the sound processor securely in place, especially designed for smaller ears.
- Clip-on retention device for babies and younger children.
- Compatible with the Kanso Sound Processor. Useful for children or during physical activity.

Compatibility

- Both standard and compact rechargeable battery modules are available.
- The Nucleus 7 Sound Processor has been designed with efficiency in mind, to deliver long-lasting battery performance (2x high power zinc air batteries).

Wearing & Retention Options

- Earhooks
- Helps keep the sound processor securely in place, especially designed for smaller ears.
- Mic Lock
- Helps keep the sound processor securely in place, especially designed for smaller ears.
- Korda Clip
- Clip-on retention device for babies and younger children.
- Safety cord
- Helps prevent children from opening the battery cover.
- Hair clip
- Clips onto the hair reducing the risk of losing your sound processor.
- Earmodadaptor
- Attaches to an earmod to help keep the sound processor securely in place.
- Headband
- For temporary use only. Holds the sound processor and coil together in place on the side of the head.

Compatibility

- Implant compatibility
  - With CI24RE, CI500 and Nucleus 24 Series implants.
  - Not compatible with Nucleus 22 implants.
  - Not compatible with Nucleus 22 implants.

Cochlear is committed to ongoing innovation and developing new ranges of exciting products to help our recipients achieve their best possible hearing outcomes.

Cochlear is committed to ongoing innovation and developing new ranges of exciting products to help our recipients achieve their best possible hearing outcomes.

References


Apple, the Apple logo, FaceTime, Made for iPad logo, Made for iPhone logo, Made for iPod logo, iPod, iPhone, iPad, the Dock, and Siri are trademarks of Apple Inc., registered in the U.S. and other countries. Information accurate as of February 2018.

Batteries

- Disposable batteries (high-power 675 zinc air)
- Rechargeable batteries
- Battery life
  - Up to 80 hours (battery life may vary by individual)
- Rechargeable battery charger

For Parents

- Both standard and compact rechargeable battery modules are available.
- The Nucleus 7 Sound Processor has been designed with efficiency in mind, to deliver long-lasting battery performance (2x high power zinc air batteries).

Wearing & Retention Options

- Earhooks
- Helps keep the sound processor securely in place, especially designed for smaller ears.
- Mic Lock
- Helps keep the sound processor securely in place, especially designed for smaller ears.
- Korda Clip
- Clip-on retention device for babies and younger children.
- Safety cord
- Helps prevent children from opening the battery cover.
- Hair clip
- Clips onto the hair reducing the risk of losing your sound processor.
- Earmodadaptor
- Attaches to an earmod to help keep the sound processor securely in place.
- Headband
- For temporary use only. Holds the sound processor and coil together in place on the side of the head.

Compatibility

- Implant compatibility
  - With CI24RE, CI500 and Nucleus 24 Series implants.
  - Not compatible with Nucleus 22 implants.
  - Not compatible with Nucleus 22 implants.

Cochlear is committed to ongoing innovation and developing new ranges of exciting products to help our recipients achieve their best possible hearing outcomes.

Cochlear is committed to ongoing innovation and developing new ranges of exciting products to help our recipients achieve their best possible hearing outcomes.

References


Apple, the Apple logo, FaceTime, Made for iPad logo, Made for iPhone logo, Made for iPod logo, iPod, iPhone, iPad, the Dock, and Siri are trademarks of Apple Inc., registered in the U.S. and other countries. Information accurate as of February 2018.