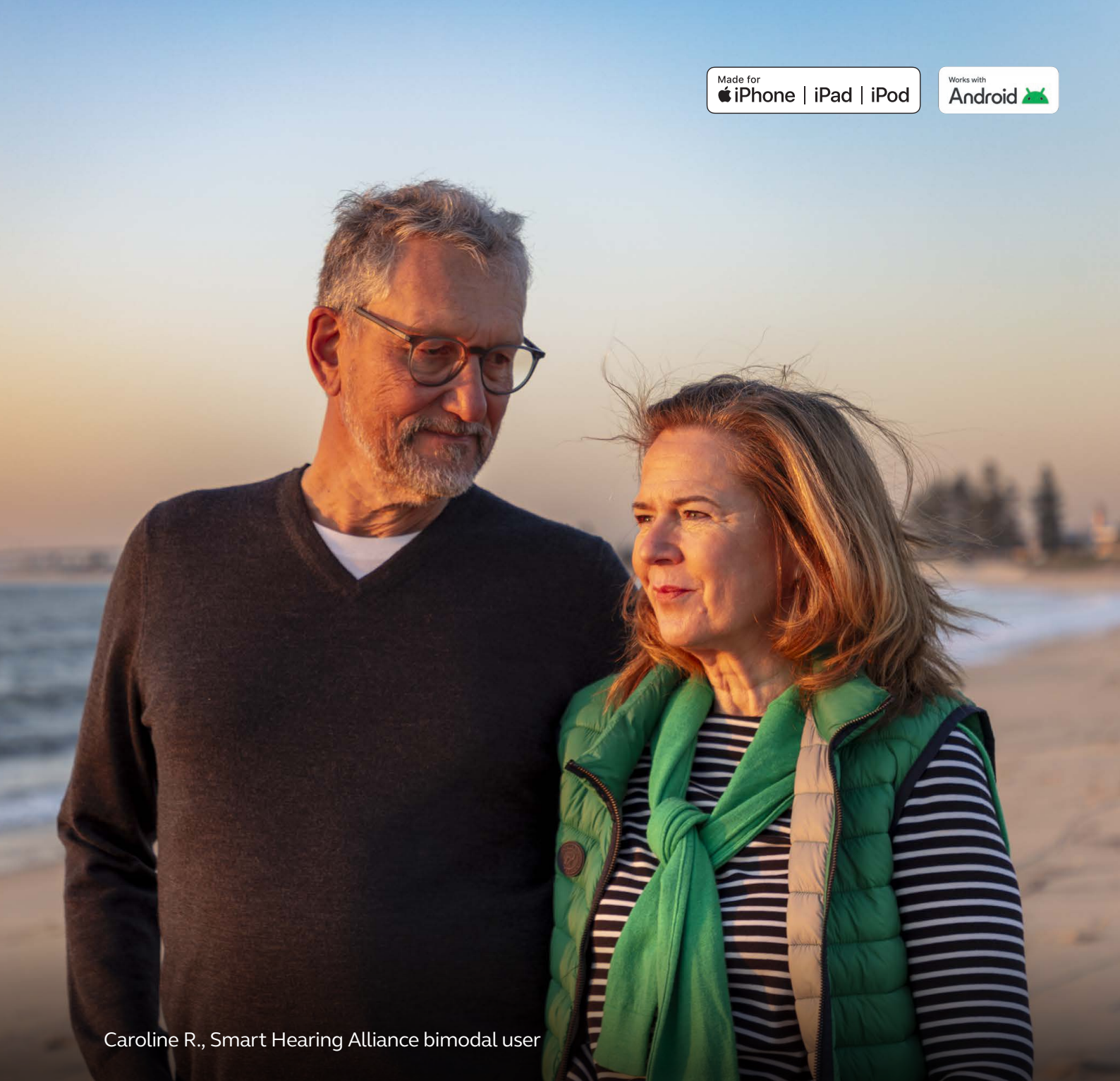


Made for  
iPhone | iPad | iPod

Works with  
Android



Caroline R., Smart Hearing Alliance bimodal user

# Discover the benefits of smart bimodal hearing



Smart Hearing Alliance



“Being a bimodal recipient, one of the biggest advantages of using my hearing aid and my Cochlear is that I get the best of both worlds.”

*Bec S., Smart Hearing Alliance bimodal user*





# Better hearing with both ears

Ears work as a team, and the brain needs both ears to effectively process sound.<sup>1</sup> From crossing the street with confidence to having conversations in noisy places, there are significant advantages to hearing with both ears.<sup>1</sup>

If you are missing conversations with family and friends, or finding music less enjoyable, even when using hearing aids, there may be another hearing solution for you.

For many people, using a cochlear implant on one ear and a hearing aid on the other is maybe the combination that provides them with their best hearing.<sup>2-8</sup> This is called **bimodal hearing**.

## Two types of hearing working together

Bimodal hearing combines two types of hearing technology — acoustic amplification and electrical stimulation.

Hearing aids provide you with enhanced acoustic hearing. They are designed to take advantage of your residual natural hearing by amplifying sounds to make listening more enjoyable.

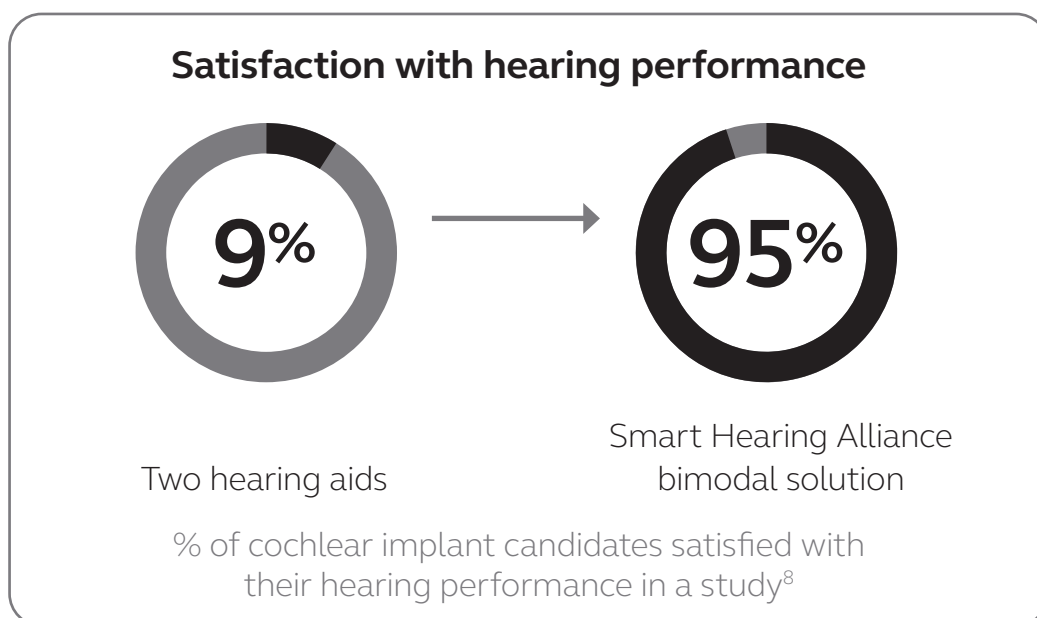
Cochlear implants bypass damaged parts of the ear and provide you with hearing through electrical stimulation of the hearing nerve. A cochlear implant is designed to deliver the clarity of sound your natural hearing may no longer be able to achieve with a hearing aid.<sup>9</sup>

By optimising the hearing in both ears, bimodal hearing solutions are designed to improve overall sound quality for candidates who have been indicated for bimodal hearing by their health professional.

# The benefits of bimodal hearing

For some people, bimodal hearing may provide their best possible hearing experience. When compared to using a hearing aid or cochlear implant alone, users of bimodal hearing reported:

- a more natural hearing experience<sup>2</sup>
- improved speech understanding in both quiet and noise<sup>3-6</sup>
- enhanced perception of music<sup>7</sup>
- better overall performance in real-life environment in a study.<sup>3</sup>



## Smart Hearing Alliance bimodal solutions

When you choose a Cochlear™ Hearing Implant, you have access to bimodal solutions from the Smart Hearing Alliance, a collaboration between Cochlear and ReSound, a global leader in the hearing aid industry.

Smart Hearing Alliance bimodal solutions provide all the benefits of bimodal hearing with additional audio streaming and connectivity advantages.





“Ever since I was a child, my hobby has always been dancing. While dancing, I never notice that I am using a hearing aid and a cochlear implant.”

*Fleur D., Smart Hearing Alliance bimodal user*





“It has helped me very much at work, because it allows me to participate actively in meetings... both online and in person.”

*Kasper N., Smart Hearing Alliance bimodal user*

# Outstanding satisfaction in hearing performance

In a study, users of a Smart Hearing Alliance bimodal solution reported much higher satisfaction with their hearing performance across a range of listening situations, compared to when they used two hearing aids.<sup>8</sup>

## Self assessed hearing performance<sup>8</sup>

% satisfied or very satisfied

Two hearing aids

Smart bimodal hearing solution

Nucleus® 7 Sound Processor  
& compatible ReSound hearing aid\*

Hearing performance in background noise

2% → 58%

Ability to understand conversations in a small group

8% → 79%

Ability to understand people on the phone

6% → 71%

Ability to listen to and appreciate music

13% → 68%

Ability to understand what is said on TV

13% → 76%

When surveyed, users of Smart Hearing Alliance bimodal solutions were also more likely than other bimodal users to say they find it easy to hear in noisy environments and easy to talk on the phone.<sup>10</sup>

# Direct audio streaming

The Smart Hearing Alliance designs solutions to complement your lifestyle. We offer a bimodal solution with direct audio streaming, which in a survey 89% of smart bimodal users said is important in their everyday life.<sup>10</sup>

With direct streaming you only need your mobile device to connect with loved ones and the world around you. You can easily stream calls, music and entertainment from a compatible Apple or Android™ device directly to your compatible sound processor and compatible hearing aid.\*

Smart bimodal hearing is available through the following Cochlear and ReSound devices.



**Cochlear™**  
Compatible Nucleus  
sound processors\*

Sound processors which support smart bimodal hearing include: Cochlear Nucleus 7, Nucleus 8, and Nucleus 8 Nexa, Kanso® 2 , Kanso 3 and Kanso 3 Nexa sound processors.



**ReSound**  
Compatible hearing aids

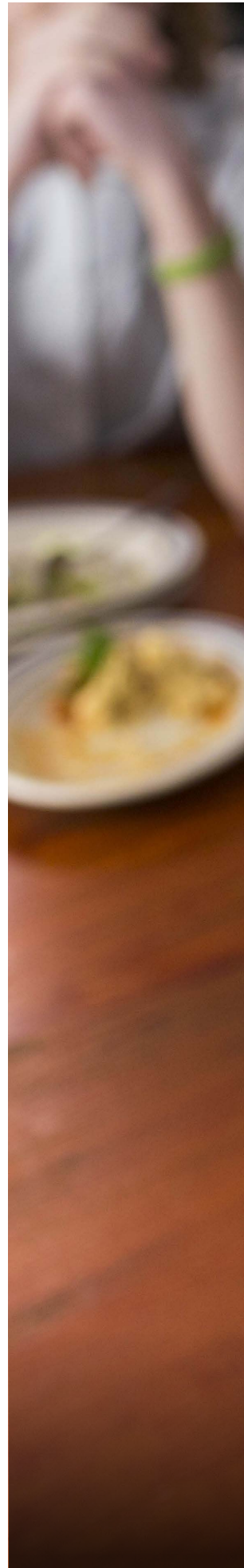
Innovative hearing aids to support smart bimodal hearing include: ReSound Nexia™, ReSound OMNIA™, and ReSound ENZO Q™.

## Full compatibility overview

For compatibility information for the Nucleus sound processor portfolio that supports smart bimodal hearing, visit [cochlear.com/compatibility](https://cochlear.com/compatibility)

For compatibility information for innovative hearing aids to support smart bimodal hearing, visit [resound.com/compatibility](https://resound.com/compatibility)

\* Nucleus 8 and Kanso 3 Sound Processor models shown.







“I'm bimodal. It streams to both devices at the same time as if in stereo. I think the best way to describe it is high definition. High definition audio.”

*Mathias B., Smart Hearing Alliance bimodal user*



“I’m coaching students, so I pass the microphone around in class or leave it in a central spot. It greatly improves my hearing.”

*Andreas F., Smart Hearing Alliance bimodal user*



# Streaming with wireless devices

The Smart Hearing Alliance also offers a range of wireless devices which stream sound to your compatible\* sound processor and hearing aid to enhance your bimodal hearing experience. Using Bluetooth® technology, our wireless devices aim to provide stereo quality sound streamed to your sound processor and hearing aid without any interference.



ReSound Micro Mic / Multi Mic  
or Cochlear True Wireless Mini  
Microphone 2+

## Microphone

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By capturing sound and streaming it to your devices, our microphones are designed to help you confidently engage in conversation in noisy situations and hear better over distance.



ReSound TV Streamer 2 or  
Cochlear True Wireless TV  
Streamer

## TV Streamer

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With your favourite television programs and movies streamed to your devices you may not need to turn up the volume or use captions, making television time with family and friends enjoyable for everyone.



ReSound Phone Clip+ or  
Cochlear Phone Clip

## Phone Clip

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Leave your phone in your pocket and enjoy the convenience of hands-free calling using a small and lightweight Phone Clip. You can use it with any Bluetooth Classic-enabled smartphone.

# Bimodal control at your fingertips

With bimodal control now available in the Nucleus Smart App, it's easier to manage your compatible ReSound hearing aid and compatible Cochlear sound processor.

## Control when you need it

During your day you may find yourself in situations where you want to quickly adjust your hearing aid and sound processor settings to help achieve your best hearing. With bimodal control in the Nucleus Smart App, you can now easily manage both your hearing devices using one app if you need to adjust your hearing aid and sound processor settings. Whether it's changing programs or adjusting volume, you can fine-tune both devices at the same time until you have the best possible hearing for your listening environment.

## Better bimodal hearing

Some studies have shown that bimodal hearing provides improved speech understanding in both quiet and noise, and enhanced perception of music when compared with using a single hearing device.<sup>4-7</sup> When both the hearing aid and sound processor are delivering the sound, these benefits are optimised. By actively managing both your devices through the Nucleus Smart App, you can help yourself hear better in everyday moments.

Additional device features continue to be available through the Nucleus Smart App and the ReSound Smart 3D™ app.



### Could bimodal hearing be right for you?

Speak to your hearing care professional about bimodal hearing or find out more at [cochlear.com](https://www.cochlear.com) or [resound.com](https://www.resound.com)







*Julie W., Smart Hearing Alliance bimodal user*

Notes:



Notes:

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

## Cochlear and ReSound collaborate in the Smart Hearing Alliance to develop advanced and innovative hearing solutions for you.



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Telephone: +61 2 9428 6555



[resound.com](http://resound.com)

GN Hearing A/S  
Lautrupbjerg 7, 2750 Ballerup, Denmark  
Telephone: +45 45 75 11 11

## Hear now. And always

### ReSound is part of the GN group. GN makes life sound better through intelligent audio solutions.

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 follow the directions for use. Not all products are available in all countries.

Views expressed are those of the individual. Consult your health professional to determine if you are a candidate for this technology.

The Cochlear Nucleus Smart App is available on App Store and Google Play. The Cochlear Nucleus 8, Nucleus 8 Nexa, Nucleus 7 and, Kanso 2, Kanso 3 and Kanso 3 Nexa sound processors are compatible with Apple and Android devices, for compatibility information visit [www.cochlear.com/compatibility](http://www.cochlear.com/compatibility).

Cochlear, 科利耳, コクレア, 코클리어, Hear now. And always, Nexa, Nucleus, Kanso, Advance Off-Stylet, AutoNRT, Contour Advance, Custom Sound, Freedom, NRT, SmartSound, the elliptical logo, and marks bearing an ® or ™ symbol, are either trademarks or registered trademarks of the Cochlear group of companies (unless otherwise noted).

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