

The benefits of bimodal hearing

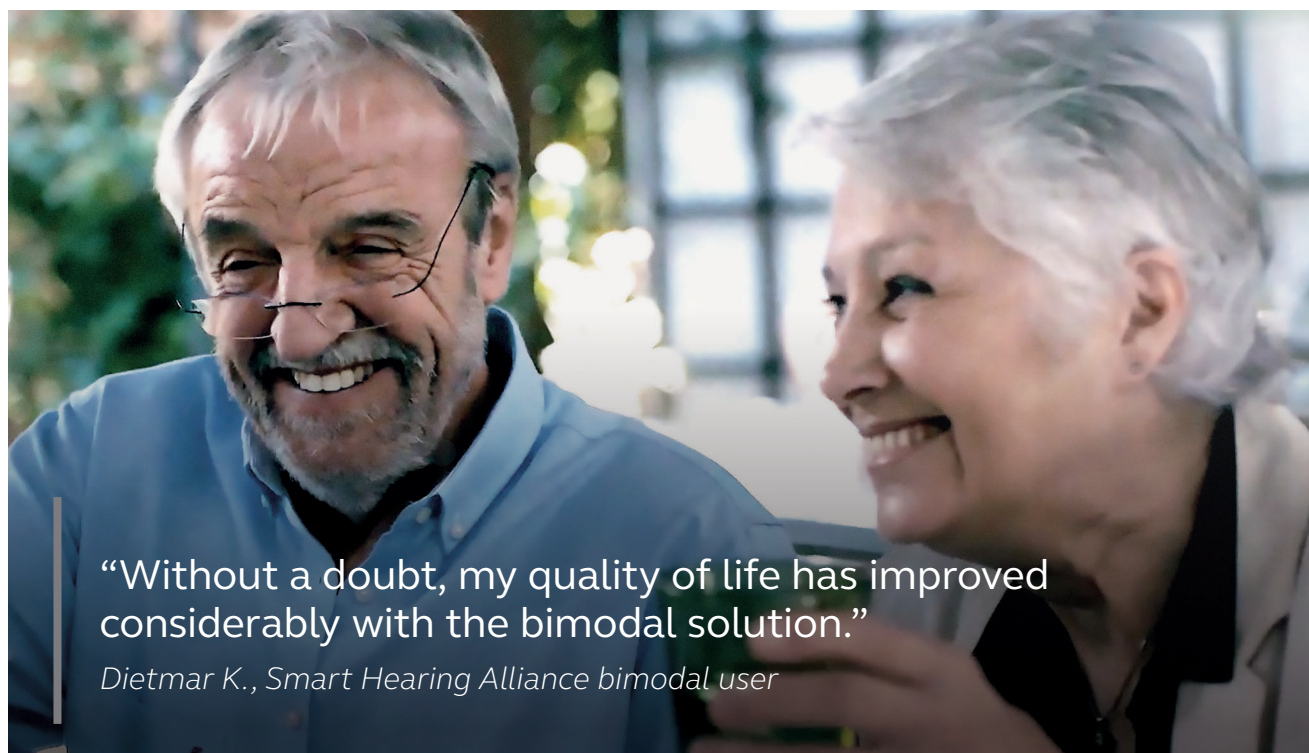
If you have cochlear implant clients with enough residual hearing in their contralateral ear to benefit from a hearing aid, a bimodal fitting could provide them with many benefits. A systematic literature review has found that where appropriate, individuals should use hearing aids with their cochlear implant in order to achieve bilateral benefits and the best possible speech recognition and quality of life outcomes.¹

When compared to using a hearing aid or cochlear implant alone, users of bimodal hearing report:

- a more natural hearing experience²
- improved speech understanding in both quiet and noise³⁻⁶
- enhanced perception of music⁷
- improved sound localisation³⁻⁴
- better overall performance in real-life environments³.

The Smart Hearing Alliance

With a shared goal of making advanced bimodal technologies more accessible and simplifying the bimodal user experience, Cochlear and ReSound have been collaborating in the Smart Hearing Alliance since 2011. Together we provide hearing solutions for people with all types of hearing loss. Whether the need is for hearing aids, hearing implants, or a bimodal fitting, our solutions work together seamlessly.



References

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* For compatibility information and devices visit cochlear.com/compatibility and resound.com/compatibility

Battery life varies for every user, according to the age of the battery, the programs used each day, your implant type, the thickness of skin covering your implant, and the size and type of battery used. Streaming from compatible devices, True Wireless devices or FM may decrease sound processor battery life depending on how often and for how long streaming is engaged.

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



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Hear now. And always

GN Making Life Sound Better

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

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.

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 7 and Kanso 2 sound processors are compatible with Apple and Android devices. For compatibility information visit www.cochlear.com/compatibility.

Cochlear, 科利耳, コクレア, 코클리어, Hear now. And always, 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).

ReSound is a trademark of GN Hearing A/S. Selected ReSound hearing aids are compatible with iPhone, iPad and iPod touch. The ReSound Smart app and ReSound Smart 3D app are available on App Store and Google Play. For compatibility information visit www.resound.com/compatibility.

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FOR PROFESSIONALS

Made for
iPhone | iPad | iPod

Works with
android



Smart bimodal hearing solutions
for you and your clients

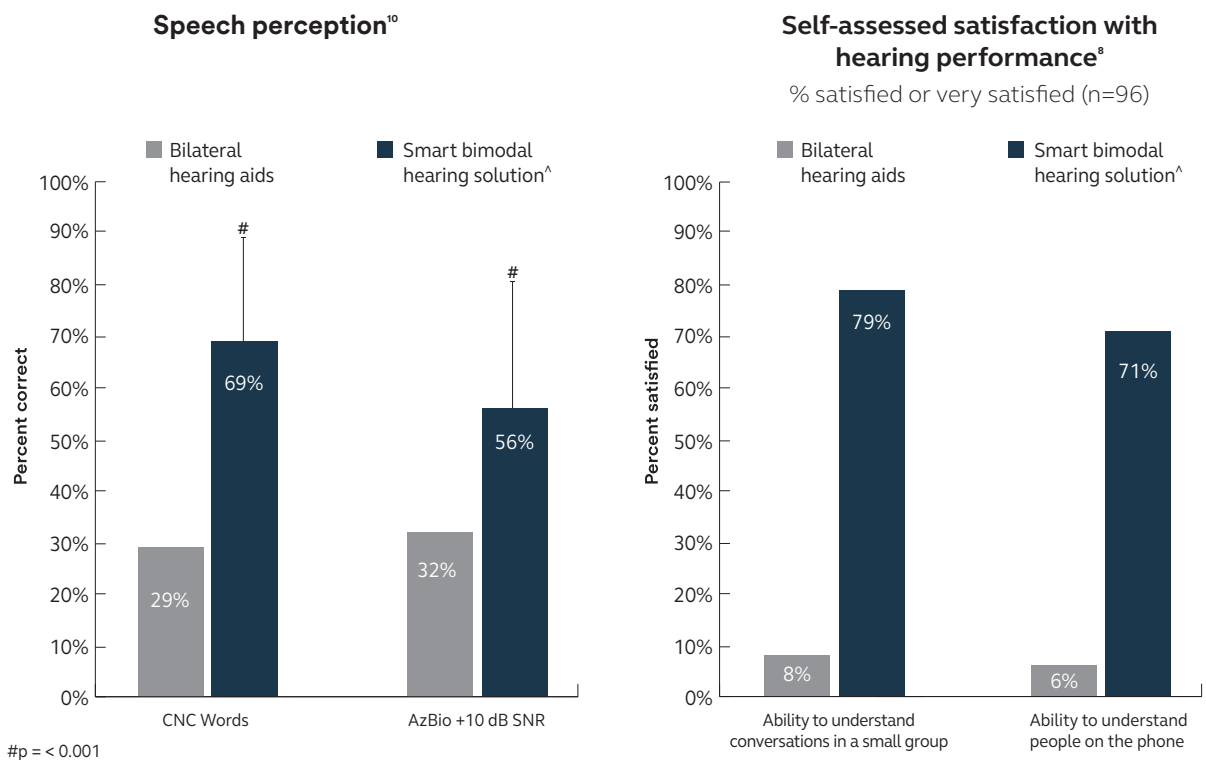


ReSound GN

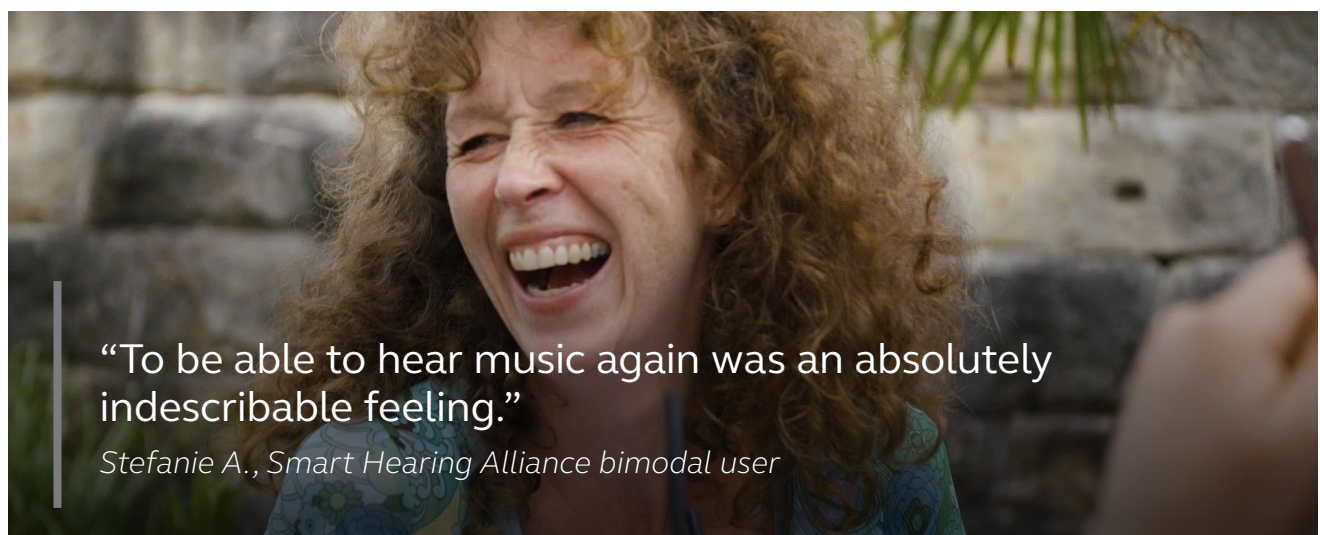
Smart Hearing Alliance

Smart Hearing Alliance bimodal solutions

For clients who are no longer benefiting from bilateral hearing aids, bimodal hearing may offer enhanced hearing. After wearing a Smart Hearing Alliance bimodal solution for six months, 95% of recipients in a study were satisfied or very satisfied with their overall hearing performance, compared to 9% when they used two hearing aids.⁸ When surveyed, Smart Hearing Alliance bimodal users 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.⁹



[^] Nucleus[®] 7 Sound Processor and compatible ReSound hearing aid^{*}



A bimodal solution with direct audio streaming

Through the Smart Hearing Alliance your clients can access a smart bimodal hearing solution with direct audio streaming from a compatible Apple or Android™ device*. Direct streaming is designed to fit into a client's lifestyle, so they only need their smartphone to stream calls, music or entertainment to their hearing devices. When surveyed, 89% of smart bimodal users said direct streaming was important in their everyday life.⁹

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



Cochlear™

Compatible Nucleus® sound processors*

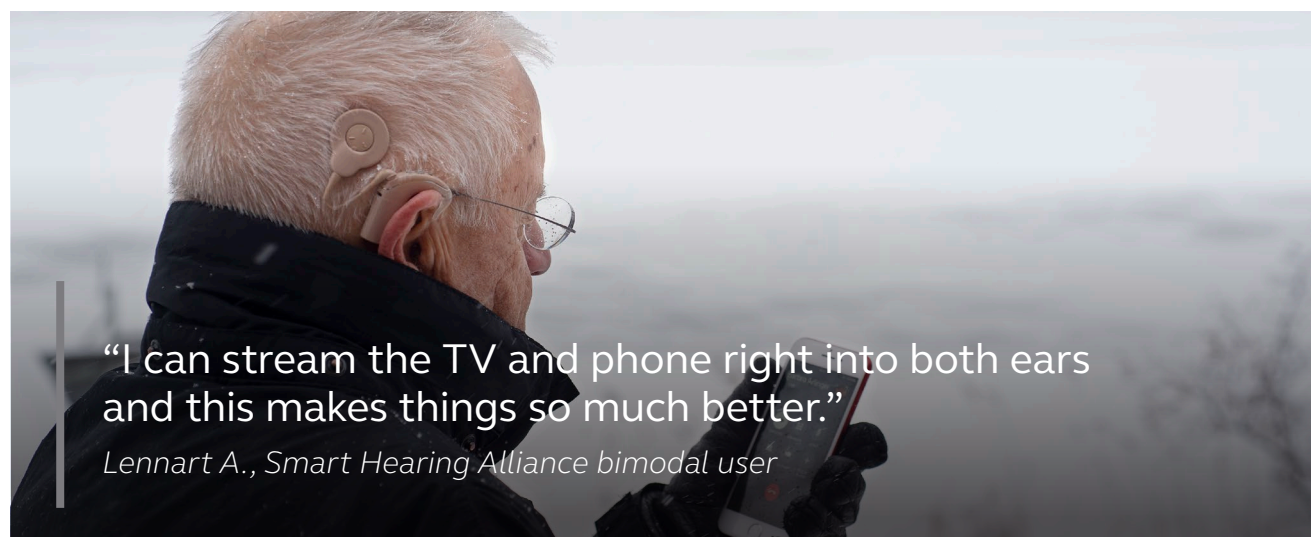
A sound processor portfolio that supports smart bimodal hearing includes: Cochlear Nucleus® 8, Nucleus 7 and Kanso® 2 sound processors.



ReSound

Compatible hearing aids*

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



Combining two hearing technologies has never been simpler

Fitting two hearing technologies is not always easy, but the Smart Hearing Alliance offers a streamlined process to reduce the time and effort required. To assist you, our bimodal fitting flow aligns the acoustic indicators in the hearing aid with those in the cochlear implant. It also provides you with settings to enable direct wireless streaming and ensure wireless accessories are set up optimally.

For your clients, we focus on delivering a user experience that optimises their bimodal hearing performance. We offer seamlessly integrated streaming technology supported by smartphone apps which enable real-time adjustments to reflect the specific listening environment. Battery life is also important, so our shared streaming solutions provide stereo quality bimodal sound through proprietary protocols in combination with Bluetooth® Low Energy technology, both of which have minimal impact on battery life.*

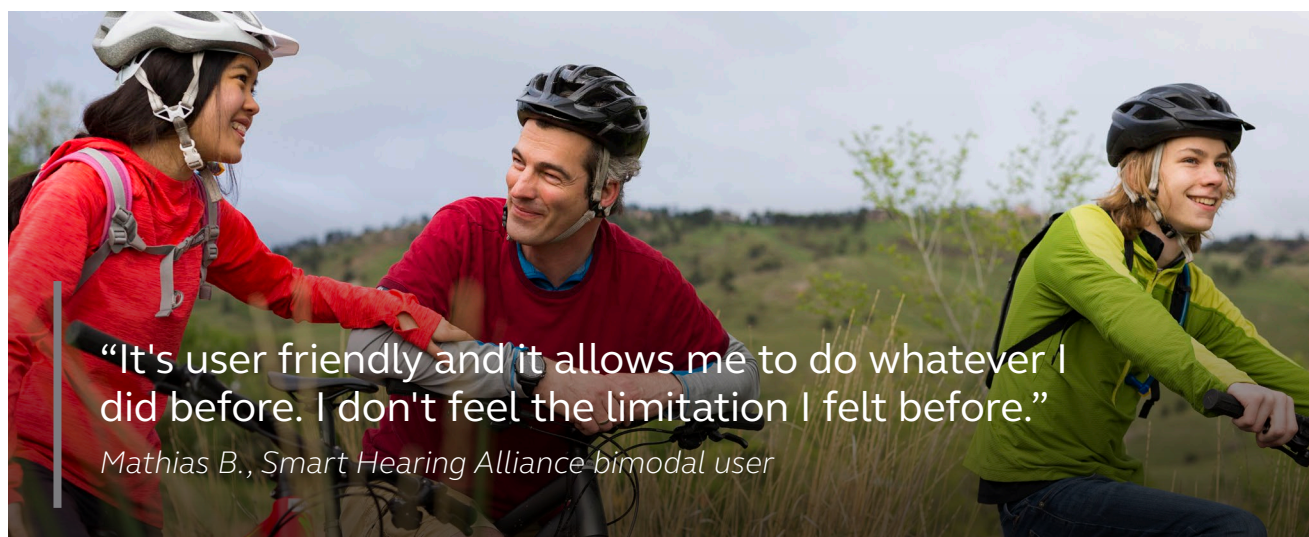
Bringing ease and convenience to bimodal control

To help your clients get the most out of their hearing in everyday moments, bimodal control in the Nucleus Smart App allows them to quickly and easily manage their compatible ReSound hearing aid and Cochlear Nucleus Sound Processor* at the same time.

Clients can access commonly used features such as volume adjustment and program selection which have the greatest impact on hearing performance. Additional device features continue to be available through the Nucleus Smart App and the ReSound Smart 3D™ app.



To find out more about Smart Hearing Alliance bimodal solutions please contact your local Cochlear or ReSound representative, or visit cochlear.com or pro.resound.com



"It's user friendly and it allows me to do whatever I did before. I don't feel the limitation I felt before."

Mathias B., Smart Hearing Alliance bimodal user