

The Smart Bimodal Hearing Solution

To Hear, Connect and Live



Hear now. And always



IT'S TIME TO GET BACK THE SOUNDS YOU'VE BEEN MISSING.



Hearing with Two Ears.

Bimodal Hearing

As you know, hearing with two ears is better than one. When you hear with both ears, you can better understand speech and hear more clearly. You can determine where a sound is coming from and hear better in noise.¹ Hearing and actively engaging in life is easier.

Many people start by wearing two hearing aids. However, as hearing loss progresses, you may need something more. Cochlear implants are proven to help people understand speech and improve the clarity of words and sounds even in the most difficult noisy places compared to hearing aids alone.² Many cochlear implant users will then continue to benefit from wearing a hearing aid in their opposite ear, typically referred to as bimodal hearing.^{3,4}

With bimodal hearing, a cochlear implant provides you sound clarity, while using a hearing aid in the other ear may continue to enhance your hearing satisfaction and comfort. With

bimodal hearing, you may find that understanding speech is easier, and you're able to enjoy a more complete hearing experience, especially in noisy environments.

You can get bimodal benefit from using your current hearing aid with a Nucleus® Cochlear Implant, or you can experience a Smart Bimodal Hearing Solution with a ReSound hearing aid and Nucleus® Cochlear Implant. Cochlear and ReSound, two global leaders in pioneering better hearing solutions, have partnered to offer a Smart Bimodal Hearing Solution for those who want to expand their hearing experience.



ReSound
rediscover hearing

ReSound Enzo²™




Cochlear®

Cochlear™ Nucleus® 6



HEAR, CONNECT AND LIVE WITH SMART BIMODAL HEARING.

Hear Smart.

The power to choose your best hearing experience.

With the Smart Bimodal Hearing Solution, you can choose from a portfolio of ReSound hearing aids and Nucleus® Cochlear Implants to select the hearing solution that best fits your hearing needs and maximizes your sound quality.

Using a breakthrough technology called SMARTstream,™ Smart Bimodal Hearing uses the most advanced sound processing technology found in ReSound hearing aids and Nucleus® Cochlear Implants to seamlessly stream sound to both devices at the same time. SMARTstream is unique because it is the first and only truly wireless Smart Bimodal Hearing Solution. This means that you'll enjoy all the benefits of 2.4 GHz connectivity without having to wear wires or devices around your neck to connect to your cochlear implant and ReSound hearing aid. Developed by audio engineers at Cochlear and ReSound, SMARTstream is the most advanced way to wirelessly integrate sound between a hearing aid and a cochlear implant.

SMARTstream is the only 2.4 GHz wireless platform designed to maximize your hearing potential when listening with a cochlear implant and hearing aid. By using premium chip technology with proprietary 2.4 GHz wireless communication in both devices, SMARTstream makes it simple for you to hear your best.

True Wireless™ Hearing with 2.4 GHz Communication Technology

Nucleus Cochlear Implants and ReSound hearing aids are the first and only hearing devices with integrated 2.4 GHz communication so you can enjoy truly wireless hearing in both ears.

- No need to wear a neck worn device to stream sound to your hearing aid and cochlear implant
- Stream sound from your Bluetooth®-enabled device to both ears
- Strong signal with no noticeable delays
- Simple to pair, easy to use
- Easily go from one place to the next while hearing your best



Stereo



Bluetooth



Smartphone



GPS



MP3 Player



Television

Smart Bimodal Hearing Solutions.

When it comes to hearing loss, each individual has specific needs and require the appropriate solutions to ensure their full hearing potential is achieved. Our Smart Bimodal Solutions, utilizing the latest technology, provide the widest range of hearing options making it possible for you to maximize your hearing potential.

Talk to your hearing professional to determine which bimodal solutions is right for you.



Cochlear™ Nucleus® 6



Cochlear™ Hybrid™



Cochlear™ Baha® 5



Cochlear™ Baha® 5
Power



Cochlear™ Baha® 5
SuperPower

ReSound



ReSound LiNX²/LiNX/LiNX TS™
61 RIC



ReSound LiNX²
62 RIC



ReSound LiNX²
77 BTE



ReSound LiNX²
88 BTE



ReSound ENZO²™/ENZO
88 High Power, 98 SP BTE

Connect Smart.

Smart Bimodal Hearing includes the only True Wireless connection to TVs, phones, iPods®, iPads® and wireless microphones. With SMARTstream the sound is seamlessly delivered to both ears at the same time making it simple for you to hear better and more naturally throughout your day.



Cochlear Phone Clip
(ReSound Unite Phone Clip+)

Talk on the Phone Hands-Free

Keep in contact with the people who matter most. The Phone Clip gives you a hands-free connection to friends and family using your smartphone. With SMARTstream, sound will simply stream from your Bluetooth®-enabled phone to both your Nucleus Cochlear Implant and ReSound hearing aid. In the car or on the go, you will enjoy placing and receiving calls while hearing with both your devices.

Rediscover Your Love for Music

Music is the ultimate soundtrack to some of life's truly memorable moments. A flowing melody that mesmerizes you. The steady beat that sways you back and forth on the dance floor at your child's wedding. With the Phone Clip and SMARTstream, you can enjoy the richness and detail of your favorite songs in stereo and wirelessly through both your Nucleus Cochlear Implant and ReSound hearing aid.



Cochlear Mini Microphone 2 and 2+
(ReSound Micro & Multi-Mic)

Conquer Background Noise

Carry on conversations more easily in even the noisiest environments with clearer speech delivered straight to your Nucleus Cochlear Implant and ReSound hearing aid. Whether driving down the freeway in the car or eating dinner in a busy restaurant, with SMARTstream you can elevate voices and sounds you want to hear over annoying background noise.

Extend Your Hearing Range

The freedom to hear more clearly no matter where you are. Turn the back row into the front row and hear sounds up to 80 feet away with both ears using SMARTstream. The Mini Microphone delivers clearer speech and sound directly to your Nucleus Cochlear Implant and ReSound hearing aid.



Cochlear TV Streamer
(ReSound Unite TV Streamer 2)

Enjoy Watching Television

Now you can enjoy gathering around the TV with your family to watch everyone's favorite show. With SMARTstream, you don't need to turn up the volume too loud or choose between your favorite TV show and taking part in conversation.

Use the TV Streamer to get a balanced experience with sound from the TV streamed directly to your Nucleus Cochlear Implant and ReSound hearing aid while you're still able to hear what's going on around you.

Live Smart.

Smart Bimodal Hearing brings together the most advanced automated features of Nucleus Cochlear Implants and ReSound hearing aids to **help you automatically hear better** than you can with either technology alone.

Simply Better Hearing in Noise

SmartSound® iQ and Noise Tracker II

Whether walking through a busy shopping center or talking to friends at a loud gathering, hearing in noisy environments can be hard even for those with normal hearing. SmartSound iQ and Noise Tracker II reduce unwanted noise without compromising sound quality or your ability to hear speech, creating a better and more comfortable hearing experience in noisy environments.

Optimized for your Environment

SmartSound iQ and Environmental Optimizer II

Life is busy. As you move from place to place throughout your day, you don't want to think about your hearing. Now you can feel comfortable when moving from one listening environment to another with SmartSound iQ and Environmental Optimizer II. Your hearing devices automatically adjust to bring sound to a comfortable level as you go about your day. This makes the voices and sounds you want to hear clearer,⁵ providing you with a better and easier hearing experience.

Simply Better Hearing for Music

SmartSound iQ and Music Mode

Enjoy music the way it was meant to sound. Whether learning new favorites or enjoying memorable classics, you can achieve your ultimate musical experience. SmartSound iQ and Music Mode bring the breadth of musical sounds into a comfortable range, all while lyrics are made to sound crisper and clearer.⁵

Simply Better Hearing Outdoors

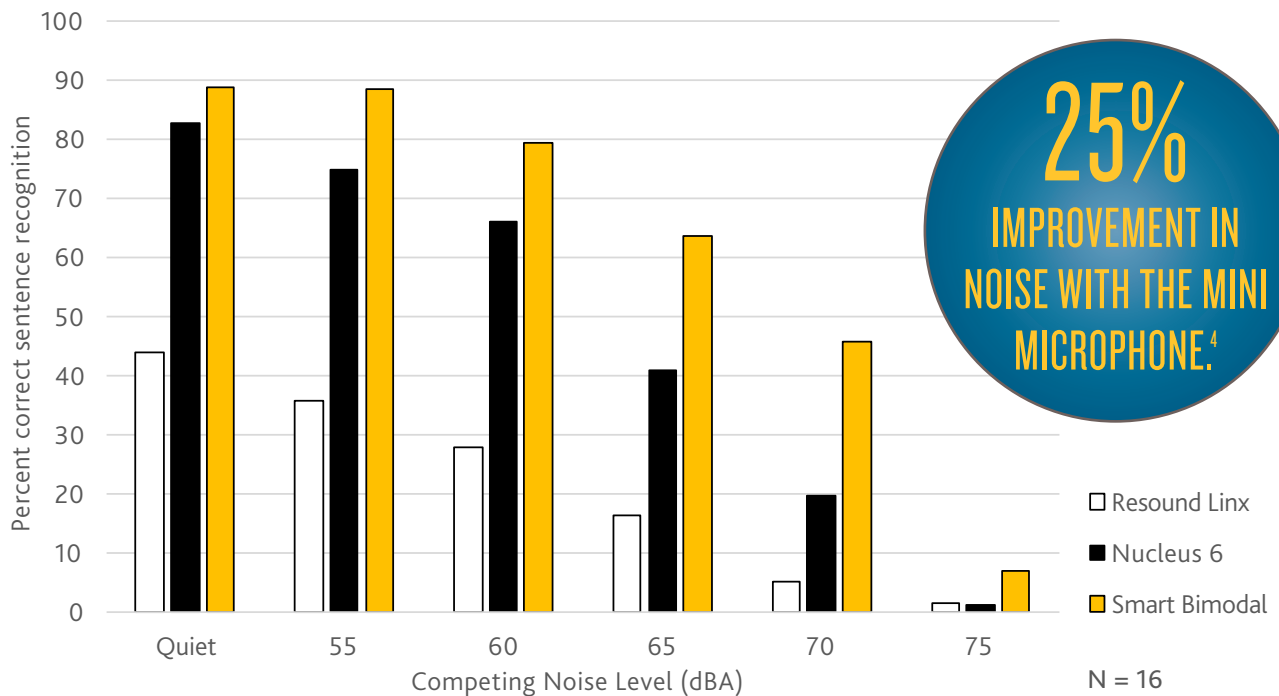
SmartSound iQ and WindGuard

From the golf course to the beach, everyone wants to hear comfortably in the windy outdoors. SmartSound iQ and WindGuard suppress wind-related noise so you can hear easier and enjoy being outdoors without the distraction of noise from the wind.

The Smart Bimodal Hearing Advantage.

SMARTstream allows you to hear better in a range of real world situations including the car, a noisy restaurant, on the phone, at work or on the go. Recent clinical studies have shown that when using a Nucleus Cochlear Implant in one ear and a ReSound hearing aid in the other ear, people experienced up to 25% improvement hearing in noise with the Cochlear Mini Microphone.⁴ Not only are patients able to hear better, they have reported improved sound quality, ease of listening and lyric recognition on music tests.

Using SMARTstream with the Cochlear and ReSound Smart Bimodal Hearing Solution



Cochlear™ Nucleus® 6



ReSound LiNX²
88 BTE



Cochlear Mini Microphone 2+
(ReSound Multi-Mic)

A photograph of a diverse group of people holding hands in a circle on a grassy field. The focus is on the hands in the foreground, showing a mix of skin tones. In the background, several people are visible, including a man in a green sweater and a woman in a grey sweater. The scene is outdoors with trees and a building in the distance.

WE'RE HERE FOR YOU.

The Smart Choice to Hear, Connect and Live.

You're Not Alone In Your Journey – We're With You Every Step.

We know firsthand what a wonderful, life-changing decision you're about to make. Cochlear and ReSound are global leaders committed to providing you the best hearing experience with innovative technology to support you throughout your journey to better hearing. When you choose a Smart Bimodal Hearing Solution with a Nucleus Cochlear Implant and a ReSound hearing aid, you have the power to transform the way you hear and to achieve your best hearing.

Take the Next Steps

Talk to a hearing specialist about making a smart choice with a Smart Bimodal Hearing Solution.

Schedule an appoint with a Hearing Implant Specialist.

Cochlear.com/US/Appointment

Contact a Cochlear Concierge to help you through the process.

Email: Concierge@Cochlear.com

Phone: 1 800 216 0228

There's never been a better time to hear the sounds you've been missing.

"With my Nucleus Cochlear Implant and ReSound hearing aid, I hear so clearly! I love how the wireless technology works with both devices and brings the sound even closer in both ears."

Chad D.—Smart Bimodal Hearing Solution recipient



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2. Hirschfelder A, Gräbel S, Olze H. The impact of cochlear implantation on quality of life: The role of audiologic performance and variables. *Otolaryngol Head Neck Surg*. 2008 Mar;138(3): 357-362.
3. Bimodal Recipient Survey, December, 2008. Data on file.
4. Cochlear implant only and Phone Clip: Wolfe, Jace, Duke, Mila Morais, Schafer, Erin C., Cire, George, Menapace, Christine, O'Neill, Lori. (Accepted, in press). Evaluation of a wireless audio streaming accessory to improve mobile telephone performance of cochlear implant users. *International Journal of Audiology*.
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FUN2642 ISS1 JUL16