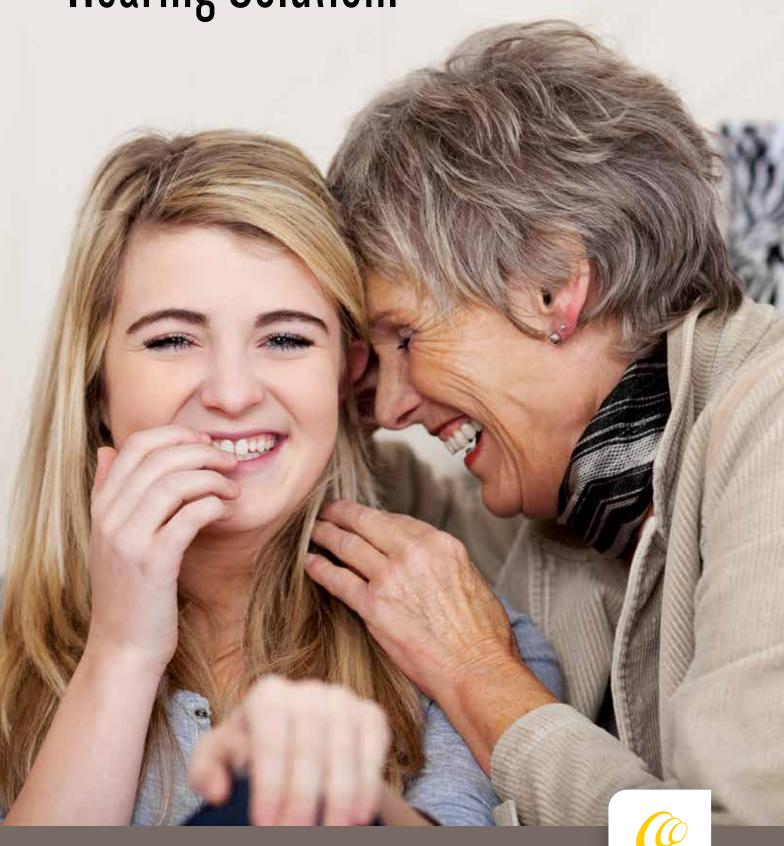
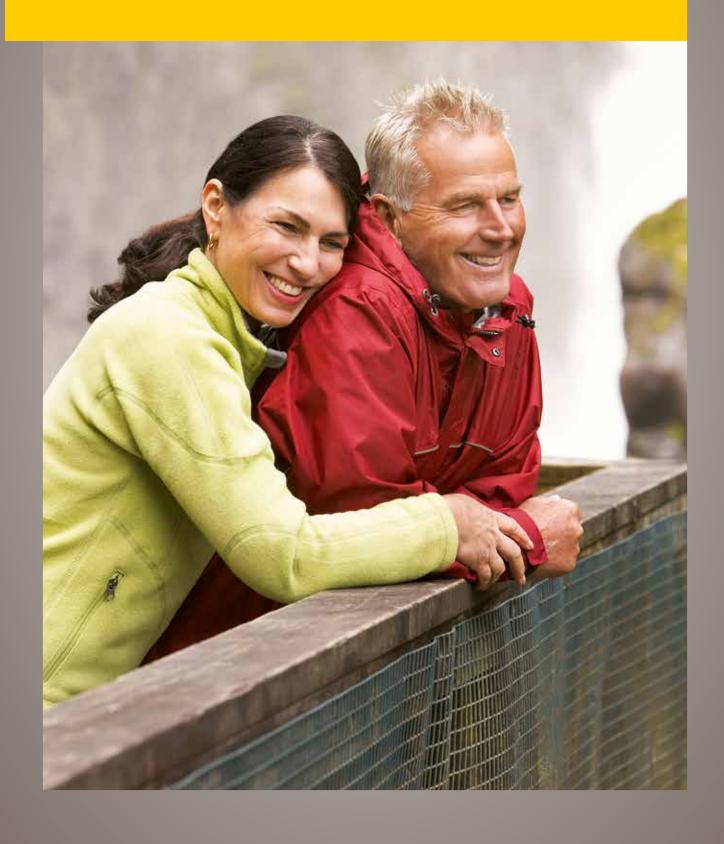
The Smart Bimodal Hearing Solution.



Cochlear®

## 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. You can determine where a sound is coming from and hear better in noise. Actively engaging in life is easier.

Many people start treating their hearing loss 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.<sup>2</sup> Many people will choose to wear a cochlear implant in one ear and then a hearing aid in the other ear. This is typically referred to as bimodal hearing.<sup>3</sup>

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.

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.







Cochlear<sup>™</sup> Nucleus<sup>®</sup> 6 Sound Processor



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, Nucleus Cochlear Implants and Baha® Bone Conduction Implants to select the hearing solution that best fits your hearing needs.

Using breakthrough technology called SMARTstream<sup>™</sup>, Smart Bimodal Hearing uses the most advanced sound processing technologies found in ReSound hearing aids, Nucleus Cochlear Implant and Baha Bone Conduction Implant Systems to seamlessly stream sound to both devices at the same time.



## Cochlear™ 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 additional weight from FM receiver
- 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







Bluetooth®



Smartphone



GPS



MP3 Player



Television

## SMART BIMODAL HEARING SOLUTIONS

When it comes to hearing loss, each individual has specific needs. Our Smart Bimodal Solutions, utilising the latest technology, provide the widest range of hearing options making it possible for you to maximise your hearing potential.

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





## **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 (bimodal hearing solution) at the same time making it simple for you to hear better and more naturally throughout your day.



Cochlear Wireless Phone Clip (ReSound Unite Phone Clip+)

#### Talk on the phone hands-free

With SMARTstream, sound will simply stream from your Bluetooth-enabled phone to both your Cochlear Nucleus Sound Processor 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

With the Phone Clip and SMARTstream, you can enjoy the richness and detail of your favorite songs in stereo and wirelessly through both your Cochlear Nucleus Sound Processor and ReSound hearing aid.



Cochlear Wireless 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 Cochlear Nucleus Sound Processor and ReSound hearing aid. With the wireless platform you can elevate voices and other sounds you want to hear over annoying background noise.

#### **Extend your hearing range**

Hear sounds more than 25 m away with both ears using the wireless platform. The Mini Microphone delivers clearer speech and sound directly to your Cochlear Nucleus Sound Processor and ReSound hearing aid.



Cochlear Wireless 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 this platform, 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 Cochlear Nucleus Sound Processor 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 Cochlear Nucleus Sound Processors 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

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.

## Optimised for your environment

#### SmartSound iQ and Environmental Optimiser 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, providing you with a better and easier hearing experience.

## Simply better hearing for music

#### SmartSound iQ and Music Mode

SmartSound iQ and Music Mode bring the breadth of musical sounds into a comfortable range.

## Simply better hearing outdoors

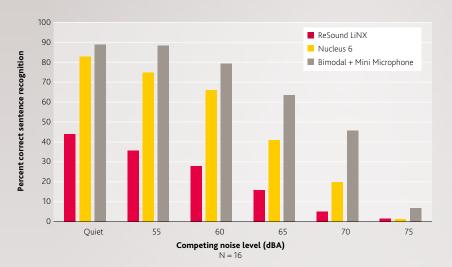
#### SmartSound iQ and WindGuard

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.

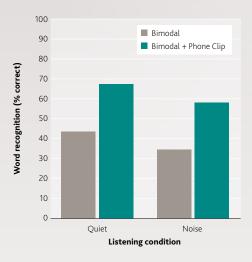
# THE SMART BIMODAL HEARING ADVANTAGE

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 Cochlear Nucleus Sound Processor in one ear and a ReSound hearing aid in the other ear, people experienced up to 21% bimodal benefit in noise with the Cochlear Wireless Mini Microphone,<sup>7</sup> and up to 24% with the Cochlear Wireless Phone Clip.<sup>5</sup> Not only are users 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



21% bimodal benefit in noise with the Mini Microphone.'



UP TO 24% bimodal benefit in noise with the Phone Clip.5

#### WE'RE HERE FOR YOU.



## THE SMART CHOICE TO HEAR

## 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 Cochlear Nucleus Sound Processor or Baha Bone Conduction 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 appointment with a hearing implant specialist.

www.cochlear.com/uk

Contact a Cochlear representative to help you through the process.

Email: uksupport@cochlear.com Phone: +44 1932 263 600

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

With my Cochlear Nucleus 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





#### www.cochlear.com

Cochlear Ltd 1 University Ave, Macquarie University Telephone: +61 2 9428 6555

Fax: +61 2 9428 6352

#### **About Cochlear Limited**

As the global leader in implantable hearing solutions, Cochlear is dedicated to bringing the gift of sound to people with moderate to profound hearing loss. We have helped over 450,000 people of all ages live full and active lives by reconnecting them with family, friends and community.

We aim to give our recipients the best lifelong hearing experience and access to innovative future technologies. For our professional partners, we offer the industry's largest clinical, research and support networks.

That's why more people choose Cochlear than any other hearing implant company.



#### www.resound.com

GN ReSound A/S Lautrupbjerg 7

Fax: +45 4575 1119

#### **About GN ReSound**

GN ReSound is a leading international developer and manufacturer of advanced and innovative hearing healthcare solutions. The company offers a full range of hearing aids, accessories and diagnostic instruments under the ReSound, Beltone, Interton, and Otometrics brand names. GN ReSound's revolutionary wireless technology allows wearers to personalise their hearing like never before.

With its unique sound processing designed to mimic the natural ear, GN ReSound is making life sound better. ReSound's revolutionary hearing aid technology is available through a global network of hearing care professionals. Consumers can find more information about ReSound's portfolio of Smart Hearing aids on

- Potts LG, Skinner, MW, Litovsky RA, Strube MJ, Kuk F. Recognition and localization of speech by adult cochlear implant recipients wearing a digital hearing aid in the nonimplanted ear. J Am Acad Audiol. 2009;20(6).
   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): 357-62.

- Bimodal recipient survey, December, 2008. Data on file. [sponsored by Cocnlear.]
   Devocht EM, George EL, Janssen AM, Stokroos RJ. Bimodal hearing aid retention after unilateral cochlear implantation. Audiol Neurootol 2015;20(6):383-93.
   Wolfe J, Morais Duke M, Schafer E, Cire G, Menapace C, O'Neill L. Evaluation of a wireless audio streaming accessory to improve mobile telephone performance of cochlear implant users. Int J Audiol. 2016;55(2):75-82. [Sponsored by Cochlear.]
   Mauger SJ, Warren CD, Knight MR. Goorevich M, Nel E. Clinical evaluation of the Nucleus 6 cochlear implant system: performance improvements with SmartSound iQ. Int J Audiol. 2014 Aug;53(8):564-76.
   Wolfe J, Morais M, Schafer EC. Benefits of a wireless audio-streaming accessory for bimodal cochlear implant users. Submitted to Cochlear Implants Int. 2016.

Please seek advice from your medical practitioner or health professional about treatments for hearing loss. They will be able to advise on a suitable solution for the hearing loss condition.

All products should be used only as directed by your medical practitioner or health professional. Not all products are available in all countries. Please contact your local Cochlear representative

The Bluetooth word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Cochlear is under license.

Apple, the Apple logo, iPhone, iPad and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Android and Google Play are registered trademarks of Google Inc.

Cochlear, Hear now. And always, Kanso, Nucleus, SmartSound, SMARTstream, the elliptical logo, and True Wireless are either trademarks or registered trademarks of Cochlear Limited. Baha is a registered trademark of Cochlear Bone Anchored Solutions AB. © Cochlear Limited 2016