



PHONAK



MADE FOR EACH OTHER

The Naída Bimodal Hearing Solution

For Professionals

Product information



PHONAK

The innovation DNA of AB and Phonak have combined to deliver performance technologies that will change the way patients hear. To learn how this unique collaboration provides advantages for the best hearing throughout life's rich soundscape, please contact an AB representative, or visit AdvancedBionics.com

Made for Each Other

The Naída Bimodal Hearing Solution

For the first time, you can provide an integrated hearing solution specifically developed for your bimodal patients.

The new Naída bimodal hearing solution includes the Phonak Naída™ Link, a hearing aid designed to work with the AB Naída CI sound processor. These two Naída devices **communicate with each other** and share automatic features and accessories. As a result, your bimodal patients can enjoy **improved hearing and effortless listening**, even in the most challenging listening environments.

AB and Phonak also offer additional tools to **make bimodal fittings easier** and more efficient than ever before. The Naída bimodal hearing solution makes it:

- **Easy to Hear**
- **Easy to Use**
- **Easy to Communicate**
- **Easy to Connect**
- **Easy and Efficient to Program**



UltraZoom



WindBlock



SoundRelax



QuickSync



StereoZoom



ZoomControl



DuoPhone

Easy to Hear

The most natural way to combine a hearing aid and a cochlear implant

The Phonak Naída™ Link is the only hearing aid designed to treat sound in the same way as a cochlear implant sound processor.* This helps improve the fusion of acoustic and electric signals and makes it easier to hear with them together.

The Naída Link hearing aid and Naída CI sound processor provide matched compression algorithms and time constants so that the signal being processed is acted upon in the same way by both devices. The unique **Adaptive Phonak Digital Bimodal fitting formula** in Phonak Target™ software automatically adapts the AGC of the Phonak Naída Link hearing aids to match that of the Naída CI processors. Studies show this gives patients greater listening comfort and a proven advantage for hearing in noise compared to using a cochlear implant and any other hearing aid.^{1,2}

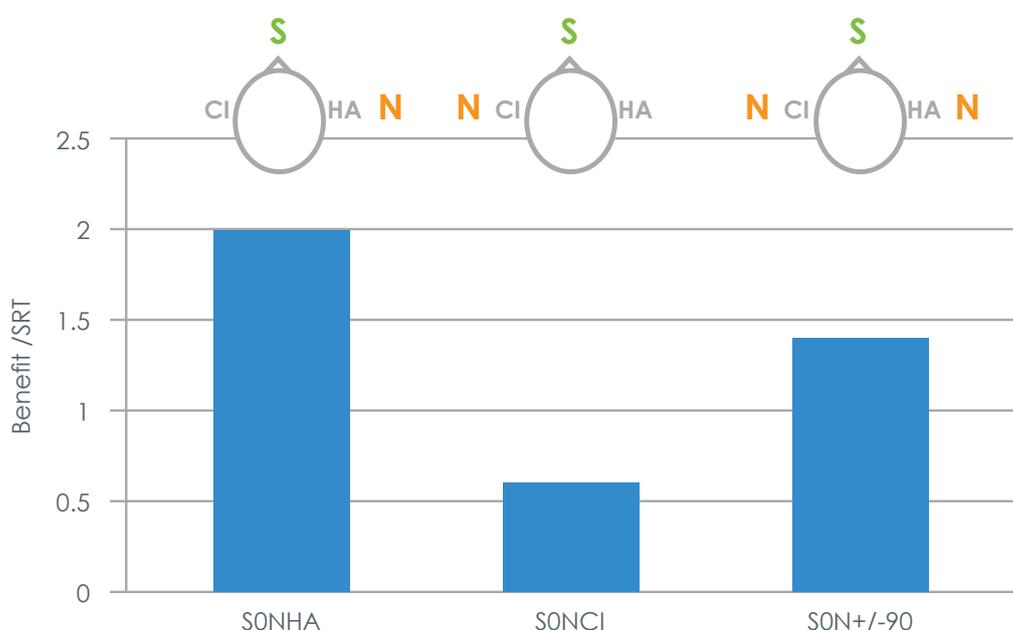


FIGURE 1

Graph Source: Advanced Bionics (2016) Adaptive Phonak Digital Bimodal Fitting Formula: Optimizing Hearing for Listeners with a Cochlear Implant and Contralateral Hearing Aid White Paper

- Diagram above shows the difference in speech understanding between the aligned AGC and the standard Phonak AGC in three competing talker situations.
- With speech (S) from the front when noise (N) is presented on the hearing aid side (SONHA), on the CI side (SONCI) or from both sides (SON+/-90).
- In all situations, the aligned AGC improved speech understanding over the standard Phonak AGC with results ranging from 0.6 dB to 2 dB. Note: 1 dB SNR corresponds to ~ 15% intelligibility

Easy to Use

Shared automated features for improved sound quality and understanding in noise

The Naída bimodal hearing solution helps your patients hear with greater ease and more comfort wherever they go. That's because the Naída CI processor and Naída™ Link hearing aid **use the same advanced automatic technology** to react and adjust in the same way and at the same time to changing situations.



UltraZoom



WindBlock



SoundRelax

Convenience and control

Even with advanced automatic features, there will be times your patients would like to make adjustments themselves. Because of the unique ability of the Naída devices to communicate with each other, **users can adjust volume or program settings on both Naída devices at the same time** by just touching the controls of either one.*



QuickSync

Easy to Connect

Crystal clear wireless streaming

The integrated **Roger™ system** transmits high-quality audio to both devices at the same time to boost your patient's speech understanding in noise and over distance. Studies have shown that significant improvement in speech recognition in noise is achieved when using Roger technology.^{3,4,5}

Users can also choose from a wide selection of **Phonak wireless accessories** that stream audio directly to both devices for effortless hearing.



Roger System



ComPilot and Accessories



EasyCall
Accessory



DECT Phone
Accessory

* Requires programming with next-generation SoundWave™ fitting software. Check with your local AB representative for regulatory approval and availability in your region.

Easy to Communicate

Hear important sounds in both ears

The unique ability of the Naída devices **to exchange audio signals wirelessly allows users to direct important signals to both ears.*** This means, when one ear has a better signal to noise ratio, the Naída devices instantly **send that better sound to the other device, so your patients hear the clearer sound in both ears** (summation). At the same time, distracting noises are reduced, allowing your patients to hear their best in challenging situations without the use of any additional accessories.



Studies demonstrate that input to both ears while chatting on the phone, in the car, in crowded restaurants, or anywhere with distracting noises, can strengthen the communication abilities of bimodal listeners who use a Naída CI sound processor and Phonak Naída™ Link hearing aid.^{6,7}

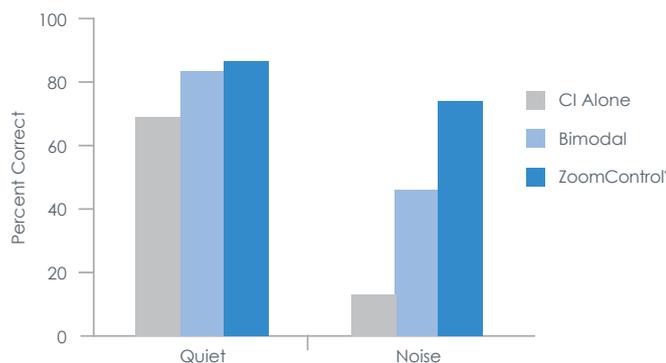


FIGURE 2

Graph source: Advanced Bionics (2016) Bimodal ZoomControl Improving Speech Understanding without Facing the Speaker in Unilateral AB Implant Recipients White Paper

- In quiet, results show that the hearing aid plus cochlear implant (bimodal hearing) provided an average of 15% improvement in sentence scores compared to using the implant alone. Enabling ZoomControl improved the average score by an additional 3%.
- In noise, bimodal hearing increased the sentence scores by a remarkable 33% over using the cochlear implant alone.
- Adding ZoomControl provided an additional 28% benefit, thus totally a 61% improvement over using the cochlear implant alone.
- In both quiet and noise, the ease-of-listening ratings were commensurate with the speech scores.

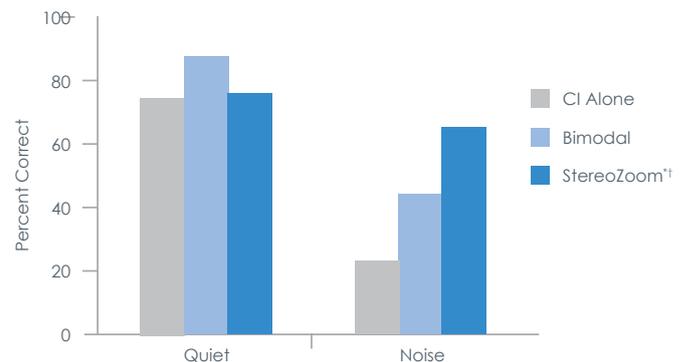


FIGURE 3

Graph source: Advanced Bionics (2016) Bimodal StereoZoom Feature: Enhancing Conversation in Extreme Noise for Unilateral AB Implant Recipients White Paper

- In quiet, results show that the hearing aid plus cochlear implant (bimodal) provided an average of 10% improvement in sentence scores compared to using the implant alone.
- Enabling StereoZoom did not provide additional benefit in quiet compared to the cochlear implant by itself.
- In contrast, bimodal hearing increased the sentence scores by a remarkable 21% over the cochlear implant alone in noise.
- Adding StereoZoom provided an additional 21% benefit, thus totally a 42% improvement over the cochlear implant alone.
- In quiet, subjects reported easier listening with StereoZoom over using the cochlear implant alone, even though the speech scores in the two conditions were the same. In noise, the ease-of-listening ratings were commensurate with the speech scores.

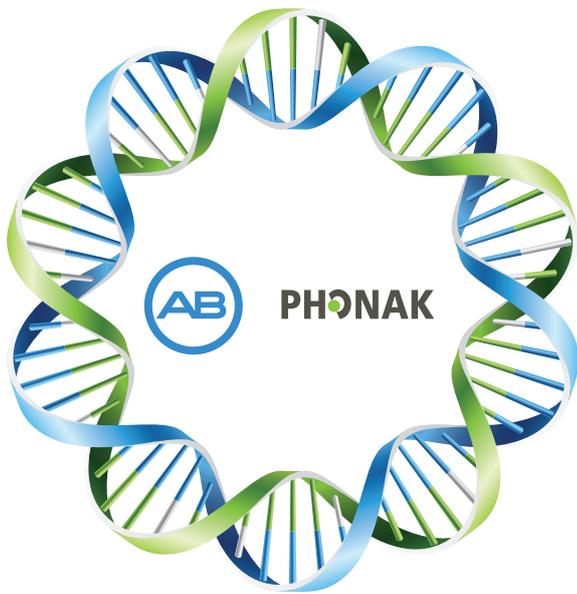
Easy and Efficient to Program

Effective fittings with matched parameters in minutes

The **Adaptive Phonak Digital Bimodal** custom fitting formula included within the Target software allows you to optimally fit the Phonak Naída™ Link hearing aid with just one click. The Adaptive Phonak Digital Bimodal algorithm automatically adjusts the frequency response and compression of the Naída Link hearing aid to align it with the contralateral Naída CI sound processor for optimal audibility. This unique programming provides an improved hearing experience for Naída bimodal listeners^{1,2} while it removes the inconvenience of referring to a manual flowchart for determining how to set the frequency response of the hearing aid.

The **Bimodal Fitting Report**[®] summarizes the Naída CI programs and processor settings in the SoundWave™ fitting software to help simplify the transfer of settings from SoundWave to Target for matched devices.





The Power of Two Working Together as One

The innovation DNA of AB and Phonak have combined to deliver performance technologies that will change the way you hear.

For more information about the advantages of the Naída bimodal hearing solution, visit AdvancedBionics.com, or talk to your AB representative.

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2. Advanced Bionics (2016) Adaptive Phonak Digital Bimodal Fitting Formula: Optimizing Hearing for Listeners with a Cochlear Implant and Contralateral Hearing Aid White Paper.
3. Wolfe J, Morais M, Shafer E, Mills E, Mülder H, Goldbeck F, Marquis F, John A, Hudson M, Peters B, Lianos L. (2013) Evaluation of speech recognition in cochlear implant recipients using a personal digital adaptive radio frequency system. *J Am Acad Audiol* 24:714–724.
4. Wolfe J, Morais M, Shafer E, Agrawal S, Koch D. (2015) Evaluation of speech recognition in cochlear implant recipients using adaptive, digital remote microphone technology and a speech enhancement sound processing algorithm. *J Amer Acad Audiol* 26: 502–508.
5. De Ceulaer G, Bestel J, Mülder H, Goldbeck F, Janssens de Varebeke S.P, Govaerts P.J. (2015) Speech understanding in noise with the Roger Pen, Naída CI Q70 processor, and integrated Roger 17 receiver in a multi-talker network. *Eur Arch Otorhinolaryngol* 273:5:1107–1114.
6. Advanced Bionics (2016) Bimodal StereoZoom Feature: Enhancing Conversation in Extreme Noise for Unilateral AB Implant Recipients White Paper.
7. Advanced Bionics (2016) Bimodal ZoomControl Feature: Improving Speech Understanding without Facing the Speaker for Unilateral AB Implant Recipients White Paper.



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Please contact your local AB representative for regulatory approval and availability in your region.