Superior Technology
from the World’s Cochlear Implant Leader

Advanced Bionics delivers revolutionary cochlear implant technology designed to help children and adults hear their best in more environments than ever before. Whether in a pool, tub, or shower; noisy restaurant, office, or classroom, AB’s impact-resistant implants, water-safe sound processors, and efficient fitting software help recipients experience a whole new world of sound no matter where life takes them.
HiRes 90K™ Implant
The Most Advanced Implant Technology

The HiRes 90K implant features pioneering innovations designed to deliver the ultimate hearing performance. By carefully considering all the real-world experiences recipients are likely to enjoy, AB invents groundbreaking technologies that help recipients hear life’s soundtrack, from songs at school music recitals to conversations in restaurants to instructions during swimming lessons. Offering the most advanced sound processing circuitry, the implant is capable of providing unsurpassed programming flexibility, nearly unlimited ways to deliver sound, and full upgradeability for access to tomorrow’s innovations without the need for additional surgery.
Unmatched Features

- Nearly **unlimited ways to deliver stimulation** for future technology not invented yet
- The only device with **16 independent current sources** that facilitate simultaneous current steering to increase the number of pitches heard
- **Low-profile design** conforms to the shape of the head
- **Removable magnet** for MRI compatibility. MRI safe for scans at 0.3T and 1.5T with the magnet removed
- The industry’s **highest case impact resistance of any implant**; able to withstand 6 joules
- High-precision gold coil for the industry’s **fastest stimulation rate** to deliver more accurate timing of sound
- **Reliability you can count on** with 99.8% one-year cumulative survival rate (CSR), a measure that defines the likelihood of a device continuing to function over time
NEPTUNE™ Sound Processor

Swim Like a Fish, Hear Like a Dream

Discover Neptune, the first and only SWIMMABLE sound processor in the world with the most flexible wearing styles ever—only available from AB, the global leader in cochlear implant technology. The lightweight Neptune processor features the industry’s first freestyle™ design, allowing children and adults to hear their world with the comfort and beauty of nothing on the ear.
A Revolution in Hearing

- Hear and communicate in the pool
- Bond during bath time
- Chic, modern freestyle™ design inspired by consumer electronics
- Fully compatible with the industry’s most advanced hearing technology, including ClearVoice™, HiRes Fidelity 120™, and AutoSound™
- Removable controls for waterproof and childproof wearing configuration
- Wide range of fashion-forward colors for mixing and matching
- Two headpiece choices: AquaMic™ or Universal Headpiece™
- Power it with one off-the-shelf AAA battery, disposable or rechargeable
- Convenient wearing accessories: swim cap, armband, headband, clip, pouch, lanyard
HARMONY™ Sound Processor
The Ultimate in Behind-the-Ear Wearing

The Harmony behind-the-ear sound processor from Advanced Bionics uses sophisticated technology to help children and adults hear their best at work, at school, and at play. Harmony’s patented T-Mic™ microphone is the industry’s only microphone placed naturally at the opening of the ear. The T-Mic uses the outer ear’s sound-gathering capabilities to help recipients hear better in noisy settings, use phones and earbuds like everyone else, and enjoy wireless connectivity to MP3 players.
Harmony Makes it Easy

- **Flexible wearing options** that adapt to the needs of all ages and lifestyles
- **Sleek headpiece design**
- **Advanced water protection** that's guaranteed
- **Fully programmable childproof controls** that are easy to see and use
- **Eco-friendly batteries** that easy to change, rechargeable, and cost effective
- **IntelliLink™ safety feature** that prevents bilateral mismatches
- **Accessories such as the Kinder Clip™ and Snuggie™ offer more freedom of movement**
- **Earhooks available in standard and small sizes to help little ears hear big**
- **FM compatibility for easy use in classrooms**
SOUNDWAVE 2.1 Fitting Software

Continue to Improve Your Workflow, Enhance Your Productivity

SoundWave™ 2.1 delivers all the efficiencies you’ve come to expect from SoundWave 2.0 — Advanced Bionics signature fitting software. Featuring full Neptune™ compatibility, SoundWave 2.1 ensures streamlined fitting sessions for all of your AB patients. By working directly with clinicians like you, AB developed SoundWave to help improve clinics’ workflow and enhance productivity.
The Next Step in Advanced Patient Programming

- **Faster** impedance measurements, downloads, and conditioning
- **Dramatically improved** user interface—no hidden menus
- **New multi-tasking feature** allows functions to run simultaneously
- With **one fitting platform**, manage your C1 patients who upgrade to the Harmony™ processor in addition to your CII and HiRes 90K patients
- **Instant access to multiple tools** for quickly creating programs

Breakthrough in Bilateral Fitting

The latest version of SoundWave is a true breakthrough in programming bilateral patients. This pioneering platform allows you to fit both sides simultaneously with real-time feedback from your patients.

- **Full and complete access to all the controls** needed for bilateral fitting
- **Independently adjust** one channel at a time or globally adjust all 32 channels simultaneously
- **Easily make changes** to both programs without needing to turn stimulation off and on
For more information on the HiResolution™ Bionic Ear System, please contact Advanced Bionics at AdvancedBionics.com

References:

*Pending regulatory approval in the United States.
**Not approved for pediatric use in the United States.