HiRes® Fidelity 120® Sound—It’s All in the Details

The HiRes Fidelity 120* (HiRes 120) sound processing strategy from Advanced Bionics is designed to deliver the pitch and timing of sound with great accuracy so you can hear music or hear in noise more like people with normal hearing.

Only HiRes 120 offers 120 spectral bands for unsurpassed spectral (pitch) resolution so you may hear the colorful details of sound. Other implants with only one current source stimulate only one electrode at a time, limiting the number of spectral bands to the number of electrodes. Only HiRes 120 has multiple current sources so two or more electrodes can be stimulated at the same time. Simultaneous stimulation allows current to be “steered” between electrodes giving recipients 120 spectral bands of sound. With HiRes 120 you can hear more pitches than the number of electrodes implanted in the ear. In fact, some recipients have heard as many as 460 pitches.**

HiRes Sound also delivers the timing of sound more accurately than other implants by using a fast stimulation rate. Fast-rate stimulation reproduces the details of sound with great accuracy. Slow stimulation rates, like those used in other implants, lose important timing information, making it more difficult to hear in noise or to enjoy music.

HiRes 120 is available only with the Harmony® HiResolution® Bionic Ear System and the Platinum Series™ (PSP) Sound Processor.

Try the Online Demonstration Today
AB invites you to view an online demonstration of the HiRes 120 sound processing strategy. Visit www.BionicEar.com/120 for a comparison of the HiRes 120 sound processing strategy with the sound processing of other cochlear implant systems. You’ll be able to hear and see that HiRes 120 is clearly the best choice for the most accurate hearing experience.

*HiRes Fidelity 120 is not approved for pediatric patients in the United States.
HiRes 120 Delivers Five Times More Sound Resolution

SIMULTANEOUS STIMULATION allows current to be “steered” between electrodes giving Harmony and PSP recipients more accurate sound with 120 SPECTRAL BANDS.

Hear the Difference!
The purpose of the online demonstration is to help you gain an appreciation of the differences in hearing potential that may be available with HiRes 120 sound processing strategy compared to the sound processing strategy used by competitive cochlear implant systems. AB provides these simulations to educate people about the overall benefits of cochlear implants, and demonstrate the advantages of the HiRes 120 sound processing strategy.

www.BionicEar.com/120

Note: These demonstrations only represent the quality of sound processing. Perception will vary depending on individual recipient. HiRes 120 is only available for adults in the U.S.
AB’s Commitment to You

Request Information
Get information on AB products; educational materials, resources and references; news and events; and a whole lot more.

Comprehensive Warranty
Your internal implant is covered for 10 years; the external processor for three years, including a one-time loss and damage coverage.

Technical Support Hotline
Highly trained representatives provide immediate assistance 12 hours a day (5 a.m. – 5 p.m. PST), Monday through Friday—with paging access on weekends.

Clinic Finder
AB offers a comprehensive listing of cochlear implant clinics around the world.

Insurance
Reimbursement Services
AB’s insurance experts provide comprehensive assistance including reviews of your coverage, pre-authorization services, direct billing, and help with Medicare.

48-Hour Product Replacement
Should any part of your system break, AB will ship you the necessary replacement part(s) within 48 hours (two business days).

Online Chat Support
Along with phone support, AB also offers online chat support for technical or general assistance, as well as any other questions you may have.

Webstore
Convenient, 24/7 online shopping for parts and accessories.