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ReSound

The sound of **super power**


ReSound
Sparx[™]

The logo for ReSound Sparx features the word "ReSound" in a smaller, sans-serif font above the word "Sparx" in a larger, bold, sans-serif font. A trademark symbol (TM) is positioned to the upper right of the "x".

ReSound
SparxTM

Sparking a new dimension of **super-power sound**

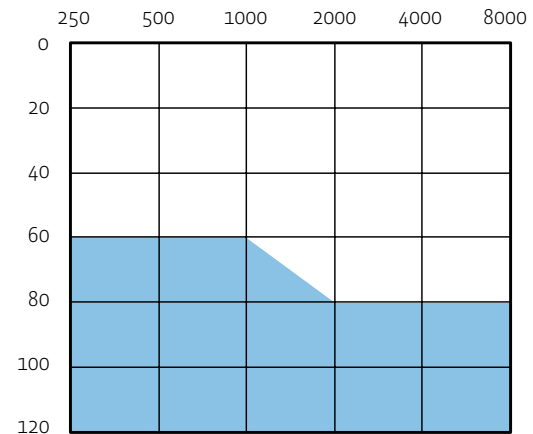
Based on ReSound's strong legacy of technology and excellence, ReSound SparxTM specifically addresses the needs and preferences of super-power users. This new super-power hearing instrument provides the perfect fusion of power and sound quality.

The bottom half of the image features abstract, glowing blue and white light patterns. These include curved lines and a bright, multi-pointed starburst or spark effect on the right side, set against a dark blue background with diagonal stripes.

ReSound Sparx™ includes a full range of super-power features

ReSound
Sparx™

- 9-band Warp™ sound processing
- 6 gain handles in Aventa software
- 6th generation DFS feedback suppression
- Choice of Linear or WDRC amplification strategy
- Multi-channel MPO
- Low frequency optimization
- NoiseTracker™ II noise reduction
- Analog volume control (software configurable)
- Programmable Telecoil
- Size 675 battery



ReSound Sparx™ offers premium technology



- Threaded earhook for tight acoustic seal
- Microphone in protective, shock-resistant suspension frame
- Robust receiver protected against shock and vibration
- Rubber volume control for easy handling and protection against moisture and debris
- High sensitivity telecoil for Hearing Aid Compatible telephones and induction loops
- Direct Audio Input capability to facilitate connection to Assistive Listening Devices such as FM Systems, MP3 Players and mobile phones
- Program Selector for selection of up to 3 environmental programs
- Low battery consumption chip technology
- Gold-plated battery spring to resist corrosion
- Tamper-resistant battery door
- Filtered and unfiltered earhooks for adult and pediatric patients
- Range of five colors

Meeting the demands of **super-power users**

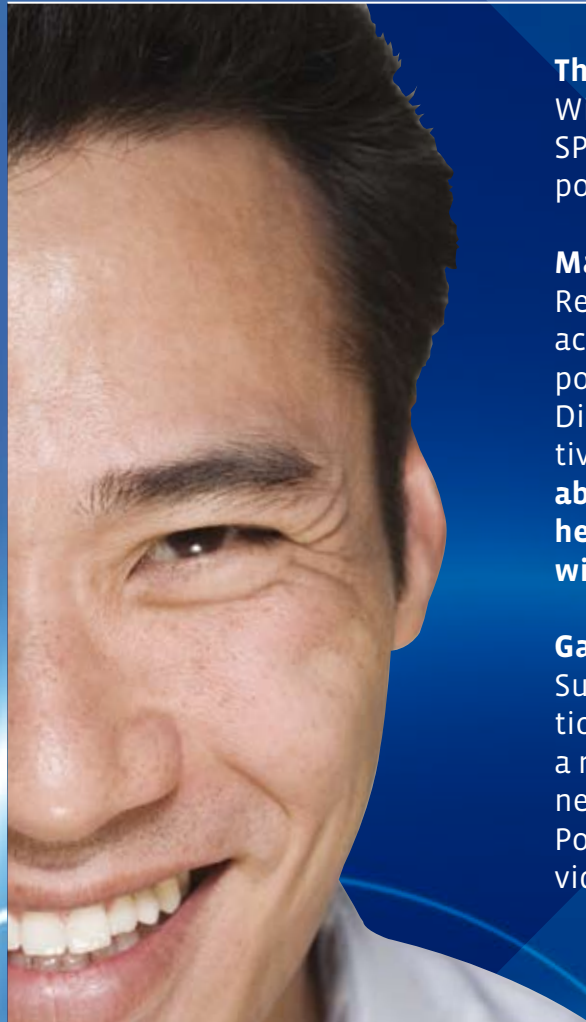
Power and sound quality are the most important factors to super-power users. They need as much power as possible and will not sacrifice sound quality to get it. ReSound Sparx is uniquely well suited for providing the power and gain super-power users require as well the superb sound quality they demand.



"I never used to be able to hear the birds. When I changed to the ReSound Sparx I heard all sorts of sounds that I had not heard in a long time."

From analog hearing instrument to ReSound Sparx™

Power to satisfy



The Power Your Patients Need

With a maximum gain of 81 dB and an output of 141 dB SPL, ReSound Sparx is one of the most powerful super-power instruments on the market.

Maximum Useable Gain Without Feedback

ReSound Sparx ensures that your patients will be able to access the power they need without feedback. By incorporating ReSound's 6th generation of phase-cancelling Digital Feedback Suppression (DFS), ReSound Sparx effectively controls feedback without sacrificing gain. **This enables ReSound Sparx to provide up to 20 dB of additional headroom and distinguishes it as the hearing instrument with the most useable gain in the super-power category.**

Gain Without Discomfort

Super-power users need maximum gain as well as protection against high outputs, particularly when working with a restricted dynamic range. ReSound Sparx addresses this need with an adjustable Multi-Channel MPO (Maximum Power Output) in six frequency bands to meet the individual needs of your patients.

"I talked to my wife on the phone for 20 minutes without asking her to repeat even a single word. It was clear to both of us how much better I was hearing. I could never have done that with my old aids!"

From competitor digital hearing instrument to ReSound Sparx™

Sound quality to impress

ReSound
Sparx™

Quality Beyond Compare

ReSound Sparx is equipped with a powerful 9-band Warp™ sound processor. This technology provides superior sound quality with low distortion and excellent frequency resolution—even in the low frequency bands. ReSound Sparx's superior low frequency resolution is especially important to patients with corner audiograms or limited residual hearing in the high frequencies.

Easing The Transition To New Amplification

With a choice of Wide Dynamic Range Compression (WDRC) or Linear sound processing, ReSound Sparx can provide a sound quality with which experienced power-users are both familiar and comfortable, while simultaneously benefiting from the superior technology that is recognized as Sound by ReSound™.

Noise Reduction

ReSound Sparx is equipped with NoiseTracker™ II. This noise reduction system analyzes each frequency band 1,000 times per second, identifies noise, and selectively subtracts it from the overall signal in each of 9 frequency bands. This enhances the user's ease of listening as well as sound quality in noisy environments.



“My Sparx hearing aids have given me more volume and a more natural sound quality than I am used to.”

From competitor digital hearing instrument to ReSound Sparx™