Application: 5486

ReSound Vivia / Beltone Envision

Page: General Information

Provide information about the company to be considered for the award. If you will be nominating an individual, specify the nominee's employer.

Name of Organization/Company

GN

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Additional Contacts

I do not wish to list additional contacts

Page: Entry Information

Entry Title

ReSound Vivia / Beltone Envision

Category

E05. New Product of the Year - Artificial Intelligence

New Product Submission Format

Written Answers

a. Briefly describe the organization that developed the nominated new product: its history and past performance (up to 200 words). Required

The GN Group are a Danish organization and leading force in the design and manufacture of intelligent hearing, audio, video and gaming solutions. Their legacy for pioneering world-first audio solutions includes Bluetooth headsets, made-for-iPhone hearing aids with direct stereo sound streaming, the first all-in-one earbuds with advanced hearing technology and 2.4GHz technology in hearing aids for direct connectivity.

Available in over 100 countries, their portfolio of audio products and services includes brands such as Jabra, ReSound, SteelSeries, Beltone, Interton, BlueParrott, Danavox, and FalCom.

One of their flagship products comes from the ReSound brand, a recognized innovator in hearing aids, which has set new standards to make life sound better for more people. Drawing on their unique access to cutting-edge expertise from the audio industry, GN enriches its medical-grade solutions with a deep understanding of user-centric design and lifestyle needs, evident in their newest and most advanced hearing aid technology, ReSound Vivia / Beltone Envision™.

Globally, an estimated 430 million people experience hearing loss. By placing people at the center of innovation, ReSound consistently introduces game-changing experiences and is a committed and trusted partner to leading hearing care professionals around the world.

b. Specify the date on which this nominated product was introduced to the marketplace. Outline the nominated product's features, functions, benefits and novelty (up to 250 words). Required

Launched in February 2025, ReSound Vivia / Beltone Envision is the industry's smallest AI powered Receiver-in-Ear (RIE) hearing aid with unrivalled battery power. It uses AI technology to filter out distracting sounds while enhancing speech and allowing users to remain connected to the sounds they want to hear, just as our brains do naturally. Its Intelligent Focus Feature is programmed to pick out speech and tone down thousands of unwanted noises, allowing people to enjoy the best listening experience for speech in noisy environments. All this is made possible by the development of GN's Deep Neural Network (DNN) chip, which acts like a highly skilled sound engineer. Trained on 13.5 million real-life sound samples, the DNN identifies and spotlights speech, while simultaneously toning down over 250,000 unwanted noises. The AI in ReSound Vivia / Beltone Envision also uses a spotlight feature to enhance speech coming from the direction the user is facing, compared to other hearing aids that spotlight the loudest speaker and not necessarily the desired one.

AI is also integrated into the fitting software, ReSound Smart Fit 2.1, to provide a more customized and accurate fit. ReSound Vivia / Beltone Envision seamlessly integrates with these systems to provide a comprehensive hearing solution.

The microRIE design and all-day battery life provide unparalleled comfort and convenience, making Vivia a truly groundbreaking product that addresses the key challenges faced by people with hearing loss.

c. Explain why the nominated product is unique or significant. If possible compare the product to competitors' offerings and/or to the organization's other or past products (up to 250 words). Required

ReSound Vivia / Beltone Envision represents a paradigm shift in hearing aid technology through the use of Intelligence Augmented (IA), GN's unique approach to AI. This sets it apart from competitors who rely on algorithms that can make incorrect decisions about what constitutes noise. By incorporating a dedicated AI chip, ReSound Vivia / Beltone Envision offers a more sophisticated and personalized listening experience, empowering the user to remain in control. This dedicated Deep Neural Network (DNN) chip, trained on over 13 million real-life sound samples, enables Vivia to filter out over 250,000 unwanted noises, resulting in superior speech clarity in noisy environments, which is the number one issue for hearing aid users. The AI in ReSound Vivia / Beltone Envision also uses a spotlight feature to enhance speech coming from the direction the user is facing, compared to other hearing aids that spotlight the loudest speaker and not necessarily the desired one.

The integration of Bluetooth® Low Energy (LE) Audio and Auracast™ broadcast audio further enhances Vivia's connectivity capabilities, allowing users to seamlessly connect to a wide range of devices and public audio systems. ReSound has also introduced a groundbreaking feature to the highly rated ReSound Smart 3D™ app: the Auracast Assistant. This first-of-its-kind feature simplifies the listening experience in public spaces, enabling users to connect to Auracast broadcasts with just a tap.

d. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words). Optional

https://www.audiologyonline.com/interviews/intelligence-augmented-gns-ai-29226 (Included below)
The interview published in Audiology Online with Laurel Christensen, PhD, the Chief Audiology Officer at GN, provides technical details and information about the DNN chip, intelligent focus feature and GNs approach to AI.

https://www.youtube.com/watch?v=JmlwTWnEX_E (Included below)

https://www.youtube.com/watch?v=clswHAideoQWhat

Soundly and Treble Health have both created in-depth reviews of ReSound Vivia / Beltone Envision on their YouTube channels, that break down how the technology works for the everyday person so people can understand how the device breaks down and spotlights key noises.

https://www.hearingtracker.com/hearing-aids/resound-vivia (Included below)

https://www.soundly.com/product/resound-vivia#reviews

HearingTracker and Soundly have both reviewed ReSound Vivia / Beltone Envision on their websites and independently scored the device against their own system, achieving high scores in both cases.

Webpage Link

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Would you like to add an additional webpage link?
No

Would you like to add an additional supporting document?

No

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