

New Signia Nx hearing aid line is industry's first to replicate the natural sound of the wearer's own voice

- **Signia Nx's Own Voice Processing (OVP™) preserves the natural sound of the wearer's own voice**
- **Signia Nx's Ultra HD e2e wireless™ enables best-in-class spatial awareness**
- **The Signia Nx portfolio starts with three direct to iPhone®¹ model options: Pure® 312 Nx, Pure 13 Nx and Motion® 13 Nx**

Audiology technology leader Sivantos today announced its Signia Nx hearing aid line, which is the industry's first to preserve the natural sound of the wearer's own voice thanks to its patented Own Voice Processing (OVP™). Signia Nx technology sets a new milestone in terms of natural hearing and overall listening comfort by improving spontaneous acceptance of own voice by 75% of dissatisfied hearing aid wearer's.²

Signia Nx's unique detection and handling of the wearer's own voice are the hallmarks of its OVP capability. The entire system is driven by its unrivaled classifier, which ensures soundscape and own voice processing work in parallel to replicate natural sound perception.

This breakthrough innovation is empowered by Ultra HD e2e, the most advanced, always binaural system. It enables Signia Nx's highly precise microphone system to identify the sound path of the wearer's voice as it travels to the hearing aids.

Thanks to its new algorithms, the classifier also scans and locates sounds with a high degree of spatial accuracy to provide natural localization - even in the loudest listening environments. These capabilities combined give hearing aid wearers full spatial experience with all the benefits of Signia Nx's directionality.

In addition, Signia hearing aids continue to be the only ones to offer the uncompromised fusion of leading binaural audio signal processing with direct from iPhone streaming. Whether it's music, phone calls, or TV with the StreamLine TV accessory, Signia Nx devices offer comprehensive convenience, as well as outstanding sound quality.

Signia Nx chip technology is the industry's most sophisticated

The unprecedented feature set of the new Signia hearing aids line is only possible with the new chip technology. The chip features ultra-small 40 nm DSP technology, delivering processing power equal to 500 MIPS (million instructions per second). This is key to its classification capacity which allows Signia Nx technology to quickly and automatically orchestrate all hearing aid features in each listening situation. It further offers an extended dynamic range with a 113 dB maximum input and 12 kHz bandwidth, providing crystal-clear, rich sound without distortion. The chip technology adds precision to the platform's state-of-the-art silicone microphones with highly accurate 0.3 dB matching. Furthermore, Signia Nx products are ahead in terms of battery consumption due to the energy efficient design. Pure 13 Nx hearing aids provide more than one week of usage, given a typical daily use of 16 hours wearing time, including four hours of direct streaming per day.

The Signia Nx portfolio starts with three direct to iPhone model options

With Pure 312 Nx, Pure 13 Nx and Motion 13 Nx, the new Signia product line offers hearing care professionals and their patients various model options:

Pure 312 Nx

The elegant receiver-in-canal (RIC) device Pure 312 Nx is the ideal solution for wearers who want high performance, full connectivity, and utmost discretion. Its laser edge antenna design delivers the smallest possible size for direct streaming without compromising hearing performance thanks to its Ultra HD e2e wireless.

Pure 13 Nx

With its high-capacity size 13 battery, the slim RIC Pure 13 Nx delivers the longest streaming time. The wearer does not need to worry about battery life while enjoying energy-efficient direct streaming and connectivity.

Motion 13 Nx

The Motion 13 Nx offers direct streaming with the most versatile fitting options. This high-performance hearing aid provides full connectivity in a space-saving housing with an optional modular T-coil integrated into the battery door.

All three models further feature new state-of-the-art microphones and also support the company's myControl™ app 2.0. The app is fully compatible with iOS® and Android™ in hearing aid programming and monitoring. It provides full remote control options with 360° microphone steering. Users can also adjust program and volume, sound, power on delay, low battery interval, and airplane mode. The app relays smartphone motion sensor data for precision hearing, as well as displaying noise exposure and voice activity, which are indicators of hearing health.

The new Signia Nx line will be available as of November, 2017 - in 7nx 5 nx, and 3 nx technology levels.

¹iPhone is a trademark of Apple Inc., registered in the U.S. and other countries.

²2017 "First Fit Study" conducted at Hörzentrum Oldenburg examining the effect of own voice processing on spontaneous acceptance after first fit of hearing aids. Further details: www.signia-pro.com/first-fit-study

About Sivantos Group

The business operations of the former Siemens AG hearing aid division have been combined into the Sivantos Group since early 2015. Sivantos can look back on almost 140 years of German engineering and countless global innovations. Today Sivantos is one of the leading hearing aid manufacturers worldwide. With its more than 5,000 employees, the group recorded revenues of 933 million euros in the fiscal year 2015/2016 and an operating profit (Adj. EBITDA) of 221 million euros. Sivantos' international sales organization supplies hearing care specialists and sales partners in more than 120 countries. Particularly high value is placed on product development. Sivantos aims to become the market leader in the coming years with its brands Signia, Siemens, Audio Service, Rexton, A&M, HearUSA and audibene. The owners of Sivantos are the anchor investors EQT along with the Strüngmann family as a co-investor.

Sivantos GmbH is a brand license holder of Siemens AG.

More information can be found at www.sivantos.com

Contact for journalists:

Erika Weigmann

Phone: +49 9131 308 3449; E-Mail: erika.weigmann@sivantos.com

Sivantos Group

Corporate Public Relations

Erika Weigmann

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Press Pictures



Signia Pure 312 Nx hearing aid- the smallest of its kind thanks to the new laser edge antenna and thus particularly discreet.

Copyright: Sivantos



Signia Pure 312 Nx hearing aids - discreet and fully networked due to their discreet design and their direct audio link to iPhone and TV.

Copyright: Sivantos



Signia Pure 13 Nx hearing aids – sitting almost invisible behind the ear and with the longest streaming time.

Copyright: Sivantos



Signia Motion 13 Nx hearing aids - offer the most versatile fitting options and can be equipped with a telephone coil without significantly enlarging the housing.

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All pictures are available for download at: www.sivantos.com/en/press

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