

# THE OWN VOICE ISSUE, AN UNNATURAL SOUND.

**A**s hearing care professionals, we strive to provide hearing aid users with sound quality that replicates what nature intended. Overall audibility and a natural sounding own voice are essential for first fit acceptance. Yet many hearing aid wearers do not like the sound of their own voice.

Every hearing aid wearer experiences a change in the sound of their own voice. Especially first time users and wearers with a mild or moderate hearing loss struggle with this perceived occlusion effect. Any such negative perception heavily affects acceptance and often leads to the rejection of hearing aids.

In an attempt to resolve the own voice issue, hearing care professionals can reduce gain and open the venting, reducing audibility and speech understanding in noise. Whatever they do, the result is a compromise between sound quality and overall audibility.

Until today, this widely acknowledged problem has been considered unresolvable.

Professional:

**HOW DOES  
YOUR OWN  
VOICE  
SOUND?**

Patient:

**IT SOUNDS  
LOUD AND  
UNNATURAL!**



# SIGNIA Nx WITH OVP™

FOR THE MOST NATURAL OWN VOICE  
AND HIGHEST ACCEPTANCE.



**S**ignia Nx, the world's most advanced hearing aid platform, provides the first genuine solution to the own voice issue. It delivers unsurpassed first fit acceptance by combining uncompromised audibility with a natural sounding own voice.

The **world's first Own Voice Processing (OVP™)** improves spontaneous acceptance of own voice by 75% of dissatisfied hearing aid wearers.\*

The revolutionary natural sounding own voice provided by Signia Nx is based on its **leading Ultra HD e2e binaural link**. Its continuous full-bandwidth audio exchange enables dynamic scanning and processing of the wearer's own voice completely independently from all other sounds, including all other voices.

This allows hearing care professionals to fine-tune the hearing aids for optimal audibility of the entire acoustic environment without having to compromise this audibility to improve the sound quality of the wearer's own voice.

In this way, Signia Nx with OVP™ benefits all hearing aid wearers. It replicates the natural hearing experience to deliver the highest sound quality and releases the hearing aid's full potential for best hearing performance in any situation, even in very noisy environments.

\* See legal note on final page of this document.



# THE WORLD'S FIRST NATURAL BASED ON THE LEADING BINAURAL LINK.

The revolutionary natural experience of Signia Nx is only possible by processing the sound of the hearing aid wearer's own voice completely independently from all other voices and sounds.

The key to OVP™ is our upgraded **continuous full-bandwidth binaural link, Ultra HD e2e**. It now also powers beam-forming technology to create a precise scanning beam that identifies the individual sound path of the wearer's voice as it travels to the hearing aids. This level of precision is only possible with the **new fully integrated silicone microphone network**.

Ultra HD e2e enables instantaneous and **continuous dynamic own voice detection** and **patented dual processing** of the own voice and the remaining soundscape.

Signia Nx thereby provides the most natural own voice as well as the best speech understanding in noise.

ULTRA  
HD  
e2e

## CONTINUOUS BINAURAL LINK

For the most natural experience, our **Ultra HD e2e** always-on ear-to-ear (e2e) link now also harnesses binaural beam-forming technology to scan precisely for the wearer's own voice.

OWN  
VOICE  
PROCESSING  
OVP

## FIRST EVER OWN VOICE DETECTION

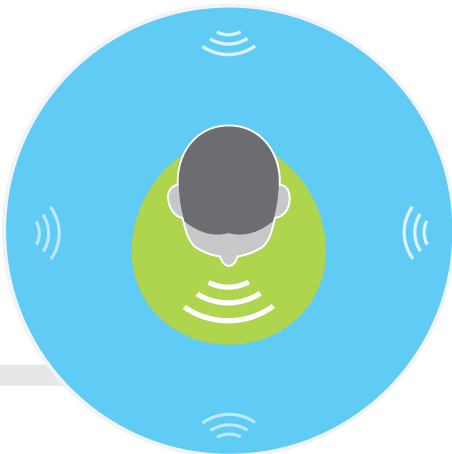
The **highly precise new microphone network** identifies the wearer's own voice reliably due to its unique spatial sound path. The continuous binaural link ensures dynamic detection in all situations.

# OWN VOICE,



## REVOLUTIONARY DUAL PROCESSING

Signia Nx is the first platform to process the own voice instantly and completely independently from all other voices and sounds, combining a **natural sounding own voice** with **uncompromised audibility** for a natural overall experience.



OWN VOICE PROCESSING



DUAL PROCESSING