

signia

Life sounds brilliant.

REPLICATING NATURE.

News Spring 2018



NEW
Pure Charge&Go Nx

Replicating nature.



Signia Nx with OVP™ for the most natural own voice and highest acceptance.

Signia Nx, the world's most advanced hearing aid platform, 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 one's own voice by 80% of dissatisfied hearing aid wearers.*

The natural sounding own voice provided by Signia Nx 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. Signia Nx with OVP™ replicates the natural hearing experience to deliver the highest sound quality. It releases the hearing aid's full potential for best hearing performance in any situation, even in very noisy environments.

To fully replicate nature, a hearing aid also needs to work as seamlessly as possible for maximum wearer confidence. That means doing away with conventional batteries to ensure a completely natural experience so the wearer has confidence in a natural sounding own voice, great speech intelligibility, and effortless, continuous hearing aid performance.

* 2017 "OVP Study" conducted at University of Northern Colorado examining the effect of Own Voice Processing on spontaneous acceptance after first fit of hearing aids.
Further details: www.signia-pro.com/ovp-study



Signia Nx feature overview.

Our game-changing new platform Signia Nx delivers the most natural own voice and the best speech understanding in noise, while combining the most advanced connectivity systems.

Features	Information	Performance levels		
		7Nx	5Nx	3Nx
Audiology				
OVP™ (Own Voice Processing)	Own Voice Processing (OVP™) utilizes real-time recognition of the wearer's voice to deliver a natural own-voice impression. Available for RIC/BTE devices with Ultra HD e2e.	●●●●●	●●●●●	●●●●●
3D Classifier	Unlike conventional classification systems which rely on acoustic data, 3D Classifier analyzes multi-dimensional information from the wearer's environment and communication behavior. Information on the wearer's voice activity, motion state, and acoustic data are used to tailor the hearing aid's response to the wearer's needs.	●●●●●	●●●●●	●●●
Sound Clarity	Sound Clarity provides lifelike sound which covers the full spectrum of wearing situations. Exceptional clarity is achieved with features such as: HD Spatial, extended dynamic range, extended bandwidth, EchoShield, HD Music, eWindScreen™, speech and noise management and feedback cancellation.	●●●●●	●●●●●	●●●
Speech Quality	Speech Quality delivers improved understanding of other people's voices in noise by using an exclusive technology called Ultra HD e2e. Features which utilize Ultra HD e2e include narrow directionality, Spatial SpeechFocus™ and TwinPhone.	●●●●●	●●●●●	●●●
Connectivity				
Direct Streaming	Signia Nx hearing aids can be connected directly to Apple devices for phone calls and audio streaming - without additional accessories. With the StreamLine Mic accessory, direct streaming is possible also from Android devices and other Bluetooth mobile devices. With the StreamLine TV accessory, high-quality stereo sound can be streamed directly to Nx hearing aids. Available for Bluetooth-equipped devices.	●●●●●	●●●●●	●●●●●
You Adjust	Technically inclined wearers often appreciate having extra control over their hearing aids. Signia Nx hearing aids offer these wearers a comprehensive range of adjustment options via the myControl App or touchControl App™.	●●●●●	●●●●●	●●●●●
Remote hearing care				
TeleCare 3.0	TeleCare provides a structured communication approach for hearing care professionals and their clients, which is especially important during the initial stages of a fitting. In addition, TeleCare provides full live remote tuning to assist with rapid and effective troubleshooting. Available for Bluetooth-equipped devices.	●●●●●	●●●●●	●●●●●

●●●●● = highest feature performance

Signia Nx with OVP™ is now rechargeable!

Many hearing aid wearers experience a lack of confidence when it comes to handling their hearing aids and changing disposable batteries.

The new **Pure™ Charge&Go Nx** delivers the most **natural own voice** with convenient **wireless rechargeability**.

Pure Charge&Go is intuitive to handle because we integrated wireless charging into its design. Only this contactless charging system gives wearers complete convenience, knowing that the hearing aids charge as they should every time.

The high-capacity Li-Ion power cell supports top Bluetooth connectivity, allowing wearers to enjoy long-lasting high quality audio streaming. By charging the power cell while they sleep, they can trust their hearing aids to always deliver the sound they want to hear.

Simply Charge&Go!



The most natural own voice with convenient wireless rechargeability.

OWN VOICE PROCESSING
OVP

NEW



Key features

- Most natural own voice and best speech understanding in noise thanks to Nx chip
- Long-lasting high quality audio streaming
- Ultra HD e2e and Bluetooth connectivity



Compatible with myControl App.



TeleCare 3.0 ready.



Compatible with CROS device for people with unaidable hearing loss on one side.

Performance levels

7Nx

5Nx

3Nx

sDemo

Pure Charge&Go Nx.

The ultimate RIC, Pure Charge&Go Nx combines all the advantages of Signia Nx with convenient wireless rechargeability. It provides the most natural own voice and unrivaled speech intelligibility, top Bluetooth connectivity, full live remote support with Signia TeleCare 3.0, and the most high-tech wireless charging in a remarkably small design. Wearers no longer worry that they might struggle to change disposable batteries. Simply Charge&Go!



StreamLine TV
With StreamLine TV, the TV signal is directly streamed into Pure Charge&Go Nx hearing aids.



StreamLine Mic
The new StreamLine Mic enables hands-free audio streaming (phone calls, music, etc.) from any device with Bluetooth connectivity.

RIC

Model	RIC			
Receiver type	miniReceiver 2.0 S	miniReceiver 2.0 M	miniReceiver 2.0 P	miniReceiver 2.0 HP
Performance				
Matrix (2 ccm)	45/108 dB	60/119 dB	70/124 dB	75/130 dB
Battery				
Type	Lithium-Ion power cell	Lithium-Ion power cell	Lithium-Ion power cell	Lithium-Ion power cell
Power consumption	1.3 mA	1.5 mA	1.4 mA	1.4 mA

Simplicity with a naturally clear sound.

Key features

- Ultra-small design
- Outstanding speech understanding in noise
- Remote control option



Compatible with touchControl App.



TeleCare 2.0 ready.

NEW



touchControl App and miniPocket

To enhance its discretion, Pure 10 Nx is remotely controllable via the touchControl App and the miniPocket.

Performance levels

7Nx

5Nx

3Nx

sDemo

Pure 10 Nx.

The ultra-small Pure 10 Nx expertly combines a highly discreet design with a more natural sound. Its sleek appearance is complemented by a wealth of audiological innovations that produce a clear sound and excellent speech understanding in noise. The non-wireless Pure 10 Nx is the ideal solution for those who wish their hearing aids to be simple and discreet.

RIC

Model	RIC			
Receiver type	miniReceiver 2.0 S	miniReceiver 2.0 M	miniReceiver 2.0 P	miniReceiver 2.0 HP
				
Performance				
Matrix (2 ccm)	45/108 dB	55/113 dB	60/118 dB	65/123 dB
Battery				
Size	10	10	10	10
Power consumption	1.2 mA	1.3 mA	1.2 mA	1.2 mA

Direct streaming with the most versatile fitting options.

OWN VOICE PROCESSING
OVP

NEW



Performance levels

- 7Nx
- 5Nx
- 3Nx
- sDemo

Motion 13P Nx.

The incredibly versatile Motion™ 13P Nx is ideal for wearers with individual fitting requirements and severe to profound hearing loss. Complementing the equally versatile Motion 13 Nx, this power BTE harmonizes the wearer's voice and surrounding sounds, providing the most natural own voice and best speech understanding in noise. Motion 13P Nx provides full Bluetooth connectivity and Signia TeleCare 3.0 with an optional modular T-Coil integrated in the battery door.

Key features

- Most natural own voice and best speech understanding in noise thanks to Nx chip
- For individual handling and fitting requirements
- Ultra HD e2e and Bluetooth connectivity



Compatible with myControl App.



TeleCare 3.0 ready.



Standard battery door can be exchanged for one with an integrated T-Coil.



Compatible with CROS device for people with unaidable hearing loss on one side.



StreamLine TV
With StreamLine TV, the TV signal is directly streamed into Motion 13P Nx hearing aids.



StreamLine Mic
The new StreamLine Mic enables hands-free audio streaming (phone calls, music, etc.) from any device with Bluetooth connectivity.

BTE

Model

Motion 13P Nx



Performance

Matrix (2 ccm)

ThinTube 65/129 dB
Earhook 77/135 dB

Battery

Size








13

Power consumption

1.3 - 1.5 mA

Accessories, apps and hearing aid compatibility.

This overview shows you which apps and accessories work with our Signia Nx hearing aids. Depending on the solution your customers choose, they can even enhance their hearing experience and convenience with this well-matching portfolio.

Hearing aid	CROS/BiCROS	Remote control	Streamers		Apps
	CROS Pure 312 Nx	miniPocket	StreamLine TV	StreamLine Mic	myHearing App myControl App touchControl App
					  
Pure 10 Nx	-	•	-	-	• - •
Pure 312 Nx	•	•	•	•	• • -
Pure 13 Nx	•	•	•	•	• • -
Pure Charge&Go Nx	•	•	•	•	• • -
Motion 13 Nx	•	•	•	•	• • -
Motion 13P Nx	•	•	•	•	• • -

Color overview RICs and BTEs.

Products	Color										
	Beige	Granite	Grey	Black	Silver	Pearl White	Golden Blonde	Sandy Brown	Dark Champagne	Dark Granite	Deep Brown
	1	2	3	5	6	7	30	31	37	66	72
Pure 10 Nx	•	•	•	•	•	•	•	•	•	•	•
Pure 312 Nx	•	•	•	•	•	•	•	•	•	•	•
Pure 13 Nx	•	•	•	•	•	•	•	•	•	•	•
Pure Charge&Go Nx	•	•	•	•	•	•	•	•	•	•	•
Motion 13 Nx	•	•	•	•	•	•	•	•	•	•	•
Motion 13P Nx	•	•	•	•	•	•	•	•	•	•	•

Accessory and app overview.

CROS/BiCROS

NEW



For people with unaidable hearing loss on one side. The new **CROS Pure 312 Nx** receives sound on that side and transmits it to a hearing aid on the other side. It even provides narrow directionality for superior speech understanding in noisy environments. Compatible with all Signia Nx hearing aids featuring Bluetooth.

Remote control



Small enough to carry on a keyring, the **miniPocket™** is the ideal solution for anyone who wants discreet, convenient hearing aid control without the need for a large remote control or smartphone.

Streamers



Via the **StreamLine TV** transmitter, TV sound can be fed directly into Bluetooth-equipped Signia Nx hearing aids. Wearers can even adjust the TV volume individually via the myControl App.



The new **StreamLine Mic** transforms Signia Nx with Bluetooth devices into more than state-of-the-art hearing aids. They also become hands-free mobile headsets and wireless stereo headphones that stream highest quality audio into both ears from any Bluetooth device.

Apps



Via the **myHearing App**, your customers can experience all benefits of TeleCare to familiarize themselves with their new hearing aids in as little time as possible. They can follow special listening exercises, consult the user guide and connect to you on the go.



The **myControl App** enables direct streaming and remote control for hearing aids using Bluetooth. It also optimizes hearing aid settings for each individual listening environment and lets your clients track their communication time and hearing performance



The **touchControl App** for hearing aids without Bluetooth enables discreet and convenient changes to hearing programs, volume, bass, and treble via the wearer's smartphone - without any extra hardware.



Detailed feature overview RICs.

Type	Pure 10 Nx	Pure 312 Nx	Pure 13 Nx	Pure Charge&Go Nx
Performance levels	7Nx/5Nx/3Nx			
Picture	 New!			 New!
Product details				
Matrix (2 ccm)	S 45/108 dB M 55/113 dB P 60/118 dB HP 65/123 dB	S 45/108 dB M 60/119 dB P 70/124 dB HP 75/130 dB	S 45/108 dB M 60/119 dB P 70/124 dB HP 75/130 dB	S 45/108 dB M 60/119 dB P 70/124 dB HP 75/130 dB
Battery size	10	312	13	Li-Ion power cell
Power consumption	1.2 - 1.3 mA	1.3 - 1.5 mA	1.3 - 1.5 mA	1.3 - 1.5 mA
Features				
Frequency channels/ Compression controls	7Nx - 48/20 5Nx - 32/16 3Nx - 24/12	7Nx - 48/20 5Nx - 32/16 3Nx - 24/12	7Nx - 48/20 5Nx - 32/16 3Nx - 24/12	7Nx - 48/20 5Nx - 32/16 3Nx - 24/12
Hearing programs	6	6	6	6
e2e wireless	-	● ¹	● ¹	● ¹
Direct streaming	-	●	●	●
TwinPhone	-	●	●	●
TeleCare	● ²	● ³	● ³	● ³
Tinnitus therapies	●	●	●	●
CROS/BiCROS	-	●	●	●
Push button	○	-	-	●
Volume control	-	● ⁴	● ⁴	● ⁴
Rechargeable	-	-	-	●
T-coil	-	-	○	-
Battery door on/off function	●	●	●	●
Audio input	-	● ⁵	● ⁵	● ⁵
Modifications				
Color conversion kit	○	○	○	○
App/Accessory compatibility				
myControl App	-	●	●	●
myHearing App	●	●	●	●
touchControl App	●	-	-	-
StreamLine TV/StreamLine Mic	-	●	●	●
miniPocket	●	●	●	●
Noahlink Wireless	-	●	●	●
Programming adapter/cable	size 10	size 312	size 13	-
Fitting set	miniReceiver 2.0	miniReceiver 2.0	miniReceiver 2.0	miniReceiver 2.0

(1) Ultra HD e2e with binaural audio signal processing
(2) TeleCare 2.0

(3) TeleCare 3.0
(4) Programmable via Connexx
(5) Via direct streaming

Detailed feature overview **BTEs**.

Type		Motion 13 Nx	Motion 13P Nx
Performance levels		7Nx/5Nx/3Nx	
Picture			
Product details			
Matrix (2 ccm)	ThinTube Earhook	56/126 dB 63/134 dB	65/129 dB 77/135 dB
Battery size		13	13
Power consumption		1.3 - 1.5 mA	1.3 - 1.5 mA
Features			
Frequency channels/ Compression controls		7Nx - 48/20 5Nx - 32/16 3Nx - 24/12	7Nx - 48/20 5Nx - 32/16 3Nx - 24/12
Hearing programs		6	6
e2e wireless		● ¹	● ¹
Direct streaming		●	●
TwinPhone		●	●
TeleCare		● ³	● ³
Tinnitus therapies		●	●
CROS/BiCROS		●	●
Push button		-	-
Volume control		● ⁴	● ⁴
Rechargeable		-	-
T-coil		○	○
Battery door on/off function		●	●
Audio input		● ⁵	● ⁵
Modifications			
Color conversion kit		○	○
App/Accessory compatibility			
myControl App		●	●
myHearing App		●	●
touchControl App		-	-
StreamLine TV/StreamLine Mic		●	●
miniPocket		●	●
Noahlink Wireless		●	●
Programming adapter/cable		size 13	size 13
Fitting set		ThinTube	ThinTube

- Standard
- Optional

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice.

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