

Nx platform features

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.	●●●●●	●●●●●	●●●●●
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.	●●●●●	●●●●●	●●●
Signal processing / Gain & MPO	Channels/handles in Connexx.	48/20	32/16	24/12
Hearing Programs	Number of programs configurable in Connexx	6	6	6
HD Spatial	HD Spatial enhances cues which contribute to the wearer's sense of direction and depth in all environments - from quiet to very noisy.	✓	✓	✓
Extended dynamic range	113 dB SPL input dynamic range for clear sound reproduction in noisy environments.	✓	✓	✓
Extended bandwidth	12 kHz processing bandwidth.	✓	-	-
EchoShield	Dedicated program for reverberant environments.	✓	-	-
HD Music	Preset programs.	3	1	-
eWindScreen binaural	Binaural processing of the audio signal (using Ultra HD e2e) delivers superb performance in asymmetrical wind environments.	✓	✓	
eWindScreen™	Supresses general wind-noise and improves wearing comfort.	✓	✓	✓
Noise Management				
> Speech and noise management	Adjustment steps.	7	5	3
> SoundSmoothing™	Adjustment steps.	3	3	1
> Directional speech enhancement	Adjustment steps.	3	1	-
Feedback cancellation	High-speed monitoring and control of feedback risk in individual processing channels.	✓	✓	✓
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.	●●●●●	●●●●●	●●●
Directionality				
> Narrow directionality	Narrow Directionality uses binaural processing of the audio signal to deliver scientifically proven speech understanding benefits in noise ¹ . Coupled with HD Spatial, the wearer will experience improved signal to noise ratio and a transparent and natural sound experience. Available only for bilateral fittings with Ultra HD e2e.	✓	✓	✓
> Spatial SpeechFocus	Available for bilateral fittings with Ultra HD e2e. * in Stroll Program or with Spatial Configurator	✓	✓*	-
> SpeechFocus		✓	✓	-
TwinPhone	Available for bilateral fittings with Ultra HD e2e.	✓	✓	✓

Signia Nx Hearing Aids - Features in Detail

Features	Information	Performance Levels		
		7Nx	5Nx	3Nx
Audiology				
Frequency compression	Improves the detection of speech sounds for wearers with reduced high frequency hearing thresholds. Frequency compression is selectively activated based on audiological criteria.	✓	✓	✓
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. With the StreamLine TV accessory, high-quality stereo sound can be streamed directly to Nx hearing aids.	●●●●●	●●●●●	●●●●●
Made for iPhone	Direct audio streaming from iOS mobile devices to Nx hearing aids.	✓	✓	✓
StreamLine TV accessory	Stream high quality stereo sound directly from a television to the hearing aids.	✓	✓	✓
StreamLine Mic accessory	Stream high quality stereo sound directly from Android mobile devices to Nx hearing aids.	✓	✓	✓
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.	●●●●●	●●●●●	●●●●●
myControl app (iOS and Android)				
> Spatial Configurator	Provides the wearer with control over the level of directional assistance in noise and the direction of the directional beam.	✓	✓	-
> Voice Activity	Shows how the wearer's expressive communication has developed over time.	✓	✓	✓
> Adaptive Streaming Volume	Intelligent adaptation of the streaming volume based on the ambient noise level.	✓	✓	✓
Tinnitus & Fitting				
Tinnitus	Signia offer tinnitus treatments based on amplified notch therapy or traditional noiser based therapy. It is even possible to combine the two approaches.	✓	✓	✓
Notched Noise Therapy	Innovative tinnitus therapy delivered via everyday amplification.	✓	✓	✓
Tinnitus noiser	Shaped steady-state or modulated noise.	✓	✓	✓
Fitting	Connex fitting software offers a number of advanced tools to suit every Hearing Care Professional's workflow.	✓	✓	✓
Smart Optimizer and Data Logging	Smart Optimizer (found under Data Logging) provides tailored fine-tuning recommendations based on an analysis of the wearer's usage of the hearing aid.	✓	✓	✓
Acclimatization manager	Allows the wearer to benefit from enhanced audibility in the longer term, while enjoying optimal device acceptance when initially fitted.	✓	✓	✓
Performance Guide	Provides a customized recommendation based on the wearer's needs and wearing environments. Most useful when combined with sDemo demo devices.	✓	✓	✓
Insitugram	Allows quick and convenient threshold checks and screening audiograms, while the hearing aid is being worn.	✓	✓	✓
Learning	Number of learning situations.	6	3	1
Remote hearing care				
TeleCare	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.	✓	✓	✓

●●●●● = highest feature performance