

Signia Silk Integrated Xperience (IX) feature overview

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Conversation management				
Dynamic Soundscape Processing 3.0	Integrates inputs for precise hearing aid optimization, including (when available): acoustic sensors, motion sensors, OVP 2.0, noise detection, SNR analysis, and RealTime Conversation Enhancement.	5/5	4/5	3/5
SpeechStabilizer	Preserves the natural envelope of speech in any situation, including very noisy situations, which preserves acoustic cues that are important for speech understanding.	√	√	√
e2e wireless 4.0	Controls coupling, synchronization, CROS/BiCROS, and a range of sound features. The lowest system latency in the industry. Provides a smoother sound experience and improves localization.	√	√	√
Speech and Noise Management	Reduces listening effort using sophisticated sound processing.	5/5	4/5	3/5
Binaural OneMic Directionality	Microphones from each hearing aid work together to create a directional listening pattern preferentially amplifying speech from the front to support hearing in noisy environments.	√	√	√
Wearer Empowerment				
Signia App (iOS and Android)	Easy-to-use smartphone app enables remote control adjustments, audio streaming, and TeleCare.	√	√	√
TeleCare	Provides remote tuning of your instruments by your hearing care professional through the Signia App.	√	√	√

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Listening Comfort

Feedback Cancellation	High speed monitoring and control of feedback in individual processing channels.	√	√	√
eWindScreen™	Reduces the interference of wind noise when outdoors.	5/5	5/5	3/5
SoundSmoothing™	Reduces the annoyance of sudden loud impact sound such as when handling glassware.	√	√	√
Auto EchoShield	Automatically reduces the effect of reverberations and sudden loud noises in reverberant environments	√		
Reverberant Room Program	Dedicated program for reverberant environments	√	√	
Extended dynamic range	117 dB 24 bit processing for enhanced digital encoding of soft and loud sounds.	√	√	√
Extended bandwidth	12 kHz available bandwidth for enhanced processing of high-frequency speech and environmental sounds.	√		

Connectivity

miniPocket compatibility	Optional keychain remote control used to change programs and adjust volume. You can also adjust programs and change volume using the Signia App on you phone.	√	√	√
Bluetooth Calls	No			
Bluetooth Streaming	No			

Fitting Optimization

Processing Channels / Gain & MPO handles	Number of processing channels/handles in Connexx	48/20	36/18	32/16
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.	√	√	√
CROS/BiCROS compatibility	A CROS device worn on an ear with unaidable hearing loss transmits sound to a hearing aid worn on the better ear.	√	√	√
Hearing programs	Number of programs configurable in Connexx.	6	6	6
HD Music	Preset optimized music programs for enhanced enjoyment of non-streamed music.	3	3	1
Smart Optimizer and Data Logging	Tailored fine-tuning recommendations based on logging and analysis of the wearer's hearing aid use.	√	√	√
Acclimatization Manager	Allows the wearer to benefit from enhanced audibility in the longer term, while enjoying optimal device acceptance when initially fitted.	√	√	√
InSituGram	Allows quick and convenient measurement of hearing thresholds with the hearing aids in place	√	√	√
AutoFit™	Automatically provides an optimized real-ear insertion gain (REIG) setting without the need to manually match targets, enabling significantly faster real-ear verification.	√	√	√
IP68	Ensures the hearing aids will still function after being immersed under 1 m of water for 1h (excluding receiver) and no ingress of dust after 2h	√	√	√

Tinnitus

Notch Therapy

Signia's unique, patented tinnitus therapy which is proven especially effective against tonal tinnitus.

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Tinnitus Noise Therapy Manager

A choice of tinnitus treatments based on traditional noise therapy signals, amplified notch therapy, or a combination of the two approaches.

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