signia
Life sounds brilliant.

Signia Xperience platform features

Features	Information	Performance Levels		
		7X	**5X**	**3X**
YourSound Technology	Redesigned acoustic sensors plus an integrated motion sensor provide detailed information about where the wearers are and what they are doing. Dynamic Soundscape Processing and Own Voice Processing (OVP™), process this information delivering the most natural and personalized sound.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Acoustic Sensors	The redesigned acoustic sensors can detect more variables of sound than ever before, providing more accurate information about the environment,.	✓	✓	✓
Motion Sensor	An integrated motion sensor detects whether the wearer is walking, running or not. This information is used for Dynamic Soundscape Processing.	✓	✓	✓
Dynamic Soundscape Processing	Steers Sound Clarity and Sound Quality features for natural sound and speech in every situation from any direction, even when moving.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
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 e2e wireless in binaural fittings.	● ● ● ● ●	● ● ● ● ●	● ● ● ● ●
Sound Clarity	Sound Clarity provides lifelike sound which covers the full spectrum of wearing situations.	● ● ● ● ●	● ● ● ●	● ● ●
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
Extended dynamic range	24 bit processing for enhanced digital encoding of soft and loud sounds.	✓	✓	✓
Extended bandwidth	12 kHz bandwidth for enhanced processing of high-frequency speech and environmental sounds.	✓	-	-
EchoShield	Dedicated program for reverberant environments.	✓	-	-
HD Music	Preset programs for enhanced enjoyment of non-streamed music.	3	3	1
eWindScreen	Reduces the annoyance of wind noise when outdoors. Binaural e Windscreen requires e2e wirelessl link.	✓ Binaural Auto in Universal program	✓ Binaural	✓ Monaural
Speech and noise management	Reduces listening effort using sophisticated sound processing.	✓	✓	✓
SoundSmoothing™	Reduces the annoyance of sudden loud impact sound such as when handling glassware.	✓	✓	✓
Feedback cancellation	High speed monitoring and control of feedback in individual processing channels.	✓	✓	✓

● ● ● ● ● = highest feature performance

Feature	Description	Tier 1	Tier 2	Tier 3
Speech Quality	Speech Quality delivers improved speech understanding and communication ease in noise.	● ● ● ● ●	● ● ● ●	● ● ●
Directionality	Directionality provides scientifically proven enhanced speech understanding in noise. Available for bilateral fittings with directional microphones and e2e wireless link.	✓ Binaural processing Automatic / Adaptive	✓ Binaural processing Automatic / Adaptive	✓ Binaural processing Automatic / Adaptive
Spatial SpeechFocus	Depending on the direction of the dominant speech source, Spatial SpeechFocus steers the directional beam to the left, right, or behind the wearer. Available for bilateral fittings with directional microphones and e2e wireless link.	✓ In Universal program: automatic mic beam to the right / left / rear directions.	✓ In Universal program:: automatic mic beam to the rear, surround mode for side speech. In manual programs, microphone beam to the right/left/rear directions.	-
TwinPhone	Available for bilateral fittings with e2e wireless link.	✓	✓	✓
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.	✓	✓	✓
Wearer Interaction	Technically inclined wearers may appreciate having extra control over their hearing aids. Signia Xperience hearing aids offer these wearers a comprehensive range of adjustment options via the Signia App.	● ● ● ● ●	● ● ● ● ●	● ● ● ●
Signia App (iOS and Android)	The new Signia App combines all functionalities of previous apps (touchControl, myControl, myHearing App). The functionality offered in the app is automatically customized depending on the connected hearing aid.	✓	✓	✓
Spatial Configurator	Spatial Configurator is part of the Signia App and allows the wearer to adjust the direction of the microphone beam.	✓	✓	-
Adaptive Streaming Volume	Speech intelligibility weighted adaptation of the streaming volume depending on ambient noise.	✓	✓	✓
Direct Streaming	Signia Xperience hearing aids can be connected directly to Apple devices for phone calls and audio streaming – without additional accessories. For Android devices the StreamLine Mic accessory makes streaming easy. The StreamLine TV accessory sends high quality stereo sound from the wearer's TV directly to the Xperience hearing aids. Available for Bluetooth hearing aids.	✓	✓	✓
Made for iPhone	Direct audio streaming from compatible iOS devices to Bluetooth enabled Xperience hearing aids.	✓	✓	✓
StreamLine TV accessory	Stream high quality stereo sound directly from a TV to Bluetooth equipped Xperience hearing aids.	✓	✓	✓
StreamLine Mic accessory	Stream high quality stereo sound directly from any Bluetooth device (Android devices, older Apple devices, other smartphones, PCs, laptops, etc.) to Bluetooth equipped Xperience hearing aids.	✓	✓	✓
Tinnitus	A choice of tinnitus treatments based on amplified notch therapy or traditional noise therapy signals. It is even possible to combine the two approaches.	✓	✓	✓
Notched Amplification Therapy	Innovative tinnitus therapy delivered via everyday amplification.	✓	✓	✓
Tinnitus noise therapy signal	A set of fully configurable stationary noise signals and the modulated ocean wave sounds	✓	✓	✓

●●●●● = highest feature performance

Fitting	Connexx 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.	✓	✓	✓
InSituGram	Allows quick and convenient screening audiograms and checking of thresholds while the hearing aids are worn.	✓	✓	✓
AutoFit	Automatically provides an optimized real-ear insertion gain (REIG) setting without the need to manually match targets. The new IMC2 standard expands the range of REM equipment which supports AutoFit with Connexx and Noah 4.5.1 or higher.	✓	✓	✓
TeleCare	TeleCare provides remote services including additional tools to follow-up the patients., In addition, the user engagement and autonomy can be increased via the Signia app.	✓	✓	✓
Remote Services	Includes TeleCare Dashboard, Remote Fine Tuning, CareChat (incl. text messages, phone calls and video calls), virtual follow-up.	✓	✓	✓
Signia App	The Signia App provides TeleCare specific functionalities like Hearing Lessons, Daily Satisfaction Ratings, Tutorials and FAQs.	✓	✓	✓

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