



Feature overview

Signia Pure C&G MaX

Features	Description	Performance levels		
Conversation management		MaX7	MaX5	MaX3
Acoustic Intelligence™	One intelligence built on four unified deep neural networks, each trained to understand a different dimension of sound, coming together to act as a single unified system that continuously understands and adapts to the full soundscape.	✓	✓	✓
RealTime Conversation Enhancement [†]	Provides uninterrupted engagement in noisy group conversations by seamlessly tracking the locations of all conversation partners and enhancing their speech. [†]	●●●●●	●●●●○	●●○○○
Dynamic AI Focus Streams	Isolate and track speech independently. [†]	3	1	
Conversation Booster	Dynamically enhances individual speakers. [†]	●●●●●	●●●●○	●●○○○
Augmented Focus	Separates the focus sound (speech) from surrounding sounds, creating a strong contrast. [†]	✓	✓	✓
Own Voice Processing ^{AI}	Provides instant own voice comfort without affecting overall clarity, now automatically enabled without any in-clinic calibration due to Acoustic Intelligence. [†]	✓	✓	✓
Ambient Scene Adaptation ^{AI}	Continuously analyzes the wearer's sound environment and listening situation, adapting the hearing aid response to support comfort, awareness and conversation naturally throughout the day.	✓	✓	✓
Dynamic Noise Control ^{AI}	Uses Acoustic Intelligence to understand the type and level of background noise, then adjusts noise reduction precisely to reduce distraction while preserving speech clarity and environmental awareness.	✓	✓	✓
Spatial SpeechFocus	Steers directional microphone beam to the dominant speech source (left, right, or behind the wearer) automatically in a car situation or in a dedicated "Strolling" program. [†]	✓		
SpeechFocus	Depending on the direction of the dominant speech source, Speech Focus steers the directional beam behind the wearer, or engages a surround-sound mode for speech from either side.	✓	✓	
Motion sensor	Detects whether the wearer is walking, running, or sitting still to guide how sound is optimized.	✓	✓	✓
Binaural Directionality	Provides scientifically proven enhanced speech understanding in noise. [†]	✓	✓	✓
Adaptive Directionality	Improves the signal to noise ratio in noisy environments by reducing dominant noise sources from the back and sides. The polar plot is adjusted continuously in multiple frequency channels.	✓	✓	✓
Automatic Directionality	Improves the signal to noise ratio in noisy environments by automatically and seamlessly applying directionality in individual processing channels.	✓	✓	✓
TruEar 360	Reproduces benefits of the natural pinna effect by highlighting the difference between front and back sources of sound.	✓	✓	✓

†) Available for bilateral fittings with e2e wireless link



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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 5.0	Controls coupling, synchronization, and a range of sound features.†	✓	✓	✓
Listening Comfort				
Extended bandwidth	12 kHz available bandwidth for enhanced processing of high-frequency speech and environmental sounds.	✓		
Auto EchoShield	Automatically reduces the effect of reverberations and sudden loud noises in reverberant environments.	✓		
Reverberant Room Program	Dedicated program for reverberant environments.	✓	✓	
SoundSmoothing 2.0	Reduces the annoyance of sudden loud impact sound such as when handling glassware.	●●●●●	●●●●●	●●●●●
eWindScreen 2.0	Reduces the interference of wind noise when outdoors.	●●●●●	●●●●●	●●●○○
Extended dynamic range	117 dB 24 bit processing for enhanced digital encoding of soft and loud sounds.	✓	✓	✓
Feedback cancellation	High speed monitoring and control of feedback in individual processing channels.	✓	✓	✓
Wearer Empowerment				
Spatial Configurator	Allows the wearer to adjust the direction of the microphone beam via the Signia App.†	✓	✓	
Signia Assistant	Offers wearers instant 24/7 troubleshooting and customized sound adjustments via an intuitive AI-enabled chat. Provides detailed information in Connexx to address each client's fine-tuning needs more precisely.	✓	✓	✓
Signia One app (iOS and Android)	Easy-to-use smartphone app enables remote control adjustments, audio streaming, and support via Signia Assistant and TeleCare.	✓	✓	✓
Adaptive Streaming Volume	Speech intelligibility weighted adaptation of the streaming volume depending on the level of ambient noise.	✓	✓	✓
TeleCare	Provides remote services including the TeleCare Dashboard, Remote Fine Tuning, and CareChat (convenient text messages, phone calls, and video calls).	✓	✓	✓

†) Available for bilateral fittings with e2e wireless link



Features	Description	Performance levels		
Connectivity		MaX7	MaX5	MaX3
OneConnect	Compatibility with Bluetooth Classic and LE Audio. Auracast-ready.	✓	✓	✓
HandsFree	Enables hands-free calling. The wearer's voice is picked up by the hearing aid microphone and delivered in high quality to the conversation partner, while the call audio is streamed directly to the wearer's hearing aids.	✓	✓	✓
CallControl	Calls can be answered and ended by a press of the hearing aid button.	✓	✓	✓
Telecoil	Enables direct connection to audio loop systems and compatible telephone signals.	✓	✓	✓
TV Sound compatibility	Stream high quality stereo sound directly from TV to hearing aids via Bluetooth.	✓	✓	✓
Remote Control compatibility	Optional keychain remote control.	✓	✓	✓
Tinnitus				
Ocean Waves Therapy Signal (presets)	Therapy signals that mimic the sound of the sea to provide a soothing listening experience and reduce the impact of tinnitus.	4	4	4
Static Therapy Signal (channels / presets)	Soft, gentle therapy signals that reduce the impact of tinnitus.	20/5	18/5	16/5
Notch Therapy	Signia's unique, patented tinnitus therapy which is proven especially effective against tonal tinnitus.	✓	✓	✓



Features	Description	Performance levels		
Fitting Optimization		MaX7	MaX5	MaX3
Processing Channels / Gain & MPO handles	Number of processing channels/handles in Connexx.	48/20	36/18	32/16
HD Music	Preset optimized music programs for enhanced enjoyment of non-streamed music.	3	3	1
Hearing programs	Number of programs configurable in Connexx.	6	6	6
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.	✓	✓	✓
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.	✓	✓	✓