



Pure Charge&Go IX Feature Overview

| Features | Description | Performance levels | | | | |
|-------------------------------------|--|--------------------|-------|-------|-------|-------|
| | | 7 IX | 5 IX | 3 IX | 2 IX | 1 IX |
| Conversation management | | | | | | |
| RealTime Conversation Enhancement | Provides uninterrupted engagement in noisy group conversations by seamlessly tracking the locations of all conversation partners and enhancing their speech.* | ●●●●● | ●●●●○ | ●●○○○ | | |
| Conversation Dynamics Analyzer | Analyzes conversation dynamics including turn-taking and timing, locations of pure noise without speech, and levels of background noise. | ✓ | | | | |
| Conversation Source Analyzer | Constantly scouts the acoustic environment to identify number of talkers and their location. | ✓ | ✓ | ✓ | | |
| Dynamic 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.* | ✓ | ✓ | ✓ | ✓ | ✓ |
| Focus Stream | Enhances speech signals from the front hemisphere. | 1 | 1 | 1 | 1 | 1 |
| Surrounding Stream | Processes environmental sounds to preserve environmental awareness without masking speech. | 1 | 1 | 1 | 1 | 1 |
| 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. | ●●●●● | ●●●●○ | ●●○○○ | ●●○○○ | ●●○○○ |
| 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. Available for fittings with directional microphones* | ✓ | ✓ | | | |
| Own Voice Processing 2.0 (OVP™ 2.0) | Uses real-time recognition of the wearer's voice to deliver a natural own-voice impression.* | ✓ | ✓ | ✓ | | |
| 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. | ✓ | ✓ | ✓ | ✓ | ✓ |
| Speech and Noise Management | Reduces listening effort using sophisticated sound processing. | ✓ | ✓ | ✓ | ✓ | ✓ |
| e2e wireless 4.0 | Controls coupling, synchronization, CROS/BiCROS, 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™ | Reduces the annoyance of sudden loud impact sound such as when handling glassware. | ●●●●● | ●●●●● | ●●●●● | ●●●○○ | ●○○○○ |
| eWindScreen™ | 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. | ✓ | ✓ | | | |
| My WellBeing | Accessed via the Signia App, wearers can get insights about how much they are using their hearing aids, their level of social interaction, their daily step count, and their overall activity level. | ✓ | ✓ | ✓ | | |
| 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 App (iOS and Android) | Easy-to-use smartphone app enables remote control adjustments, audio streaming, access to My WellBeing, 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). | ✓ | ✓ | ✓ | ✓ | ✓ |

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| Connectivity | | | | | | |
| Direct streaming for iOS (MFi) & Android (LE Audio and ASHA) | Hearing aids can be paired to Apple iOS devices (iPhones, iPads, iPods) and Android devices using ASHA or LE Audio for direct streaming of audio such as phone calls and music. | ✓ | ✓ | ✓ | ✓ | ✓ |
| HandsFree | Enables truly 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. Available for connections to iOS devices or to Android devices using LE Audio. | ✓ | ✓ | ✓ | ✓ | ✓ |
| CallControl | Calls can be answered, ended, and ignored with a simple press of the hearing aid button. Available for connections to iOS devices or to Android devices using LE Audio. | ✓ | ✓ | ✓ | ✓ | ✓ |
| StreamLine Mic compatibility | Stream high quality stereo sound directly from any Bluetooth device (PCs, older Apple devices, non-ASHA Android devices, etc). Can also be used as a remote mic. | ✓ | ✓ | ✓ | ✓ | ✓ |
| StreamLine TV compatibility | Stream high quality stereo sound directly from TV to hearing aids via Bluetooth. | ✓ | ✓ | ✓ | ✓ | ✓ |
| miniPocket 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 | 4 | |
| Static Therapy Signal (channels / presets) | Soft, gentle therapy signals that reduce the impact of tinnitus. | 20/5 | 18/5 | 16/5 | 12/5 | |
| Notch Therapy | Signia's unique, patented tinnitus therapy which is proven especially effective against tonal tinnitus. | ✓ | ✓ | ✓ | ✓ | |
| 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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**) Pure Charge&Go T IX only



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| Fitting Optimization | | | | | | |
| Processing Channels / Gain & MPO handles | Number of processing channels/handles in Connexx | 48/20 | 36/18 | 32/16 | 24/12 | 16/8 |
| HD Music | Preset optimized music programs for enhanced enjoyment of non-streamed music. | 3 | 3 | 1 | 1 | |
| Hearing programs | Number of programs configurable in Connexx. | 6 | 6 | 6 | 4 | 4 |
| 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. | ✓ | ✓ | ✓ | ✓ | ✓ |
| 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. | ✓ | ✓ | ✓ | ✓ | ✓ |

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