Pure Charge&Go T 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 optimzation, 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.	✓	✓	✓	✓	✓

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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 (ASHA)	Hearing aids can be paired to Apple iOS devices (iPhones, iPads, iPods) and ASHA-supported Android devices for direct streaming of audio such as phone calls and music.	✓	✓	✓	✓	✓
HandsFree for iOS	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.	✓	✓	✓	✓	✓
CallControl for iOS	Calls can be answered, ended, and ignored with a simple press of the hearing aid button.	✓	✓	✓	✓	✓
Telecoil	Enables direct connection to audio loop systems and compatible telephone signals.	✓	✓	✓	✓	✓
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	12/1	
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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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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