Feature overview
Silk Charge&Go IX, Insio Charge&Go CIC IX, Insio IIC/CIC/ITC† IX

Features	Description	Performance levels				
		7 IX	**5 IX**	**3 IX**	**2 IX**	**1 IX**
Conversation management						
Dynamic Soundscape Processing 3.0	Integrates inputs for precise hearing aid optimization, including (when available): acoustic sensors, noise detection and SNR analysis.	●●●●●	●●●●○	●●●○○	●●○○○	●●○○○
Binaural OneMic Directionality 2.0	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.[1]	✓	✓	✓		
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.[1]	✓	✓	✓	✓	✓
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 & Connectivity						
Signia App (iOS and Android)	Easy-to-use smartphone app enables remote control adjustments and TeleCare.	✓	✓	✓	✓	✓
TeleCare	Provides remote services including the TeleCare Dashboard and CareChat (convenient text messages, phone calls, and video calls).	✓	✓	✓	✓	✓
miniPocket compatibility	Optional keychain remote control.	✓	✓	✓	✓	✓
Telecoil	Available as an option for Insio ITC IX. Enables direct connection to audio loop systems and compatible telephone signals.	✓	✓	✓	✓	✓

1)   Available for bilateral fittings with e2e wireless link
†)   One-microphone models

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		7 IX	5 IX	3 IX	2 IX	1 IX
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.	✓	✓	✓	✓	
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.[2]	✓	✓	✓	✓	✓
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.	✓	✓	✓	✓	✓

1) Available for bilateral fittings with e2e wireless link
2) Requires a hearing aid with e2e wireless link