TruHearing®

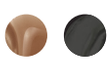
Product portfolio

Spring 2024

	Instant Fit NEW IF 7	Custom CIC/IIC 19	Custom Canal/HS 19	Custom ITE/HS/ITC TH 6 LI
Performance Levels	Premium	Premium	Standard[14]	Advanced/Premium
Product details				
Matrix (2 ccm)	50/114 dB	IIC 50/113 dB CIC 50/113 dB CIC 55/118 dB CIC 65/124 dB	50/113 dB 55/118 dB 65/124 dB	ITC/HS 50/113 dB ITC/HS 55/118 dB ITC/HS 65/124 dB ITE 55/118 dB ITE 65/124 dB
Battery size	Li-ion power cell	10	312	Li-Ion power cell
Power consumption/wear time	Up to 28 hrs	1.3 mA	1.3 mA	Up to 28 hrs
Features				
Frequency channels/ Compression controls	Premium – 48/20	Advanced – 32/16 Premium – 48/20	Standard – 16/8[14]	Advanced – 32/16 Premium – 48/20
OVP 2	-	-	-	-
Auto EchoShield	●	-	-	●[14]
Hearing programs	6	6	6	6
e2e wireless	●	●	●[1]	●
Bluetooth®/Direct streaming	-	-	○	●
TwinPhone	●	●	-	●
Tinnitus therapy	●	●	●	●
CROS/BiCROS	●	-	-	○
Push button	-	●[3]	○	●
Volume control	○[4]	○[4]	○[4]	○[4]
T-coil	-	-	○[5]	-
Battery door on/off function	-	●	●	-
Audio input	-	-	-	●[6]
Connexx Air	●	●	-	-
Noahlink Wireless	-	-	●	●
Fitting set	-	-	-	-
App/Accessory compatibility				
TruHearing App	●	●	●	●
StreamLine TV	-	-	○[7]	○
StreamLine Mic	-	-	-	-
miniPocket®	○	○	○	○

Available colors

Instant



IIC

Behind the Ear/Receiver in Canal

Completely in Canal

Canal / HS / ITE

RIC	RIC	RIC	RIC	RIC	SLIM RIC
NEW RIC LI 7	NEW RIC LI 7 T	RIC LI 6	RIC LI 6 T	RIC 6	SR LI 6
Advanced/Premium	Advanced/Premium	Advanced/Premium	Advanced/Premium	Standard[14] Advanced/Premium	Premium
46/110 dB 60/119 dB 65/122 dB 75/131 dB	46/110 dB 60/119 dB 65/122 dB 75/131 dB	46/110 dB 60/119 dB 65/122 dB 75/131 dB	46/110 dB 60/119 dB 65/122 dB 75/131 dB	46/110 dB 60/119 dB 65/122 dB 75/131 dB	46/110 dB 60/119 dB 65/122 dB
Li-Ion power cell	Li-Ion power cell	Li-Ion power cell	Li-Ion power cell	312	Li-Ion power cell
Up to 28 hrs	Up to 39 hrs	Up to 28 hrs	Up to 39 hrs	1.5-1.7 mA	Up to 20 hrs
Advanced – 36/18 Premium – 48/20	Advanced – 36/18 Premium – 48/20	Advanced – 32/16 Premium – 48/20	Advanced – 32/16 Premium – 48/20	Standard - 16/8[14] Advanced – 32/16 Premium – 48/20	Premium – 48/20
●	●	●	●	●	●[8]
●[13]	●[13]	●[13]	●[13]	●[13]	●[13]
6	6	6	6	6	6
●[1]	●[1]	●[1]	●[1]	●[1]	●[1]
●	●	●	●	●	●
●[10]	●[10]	●[10]	●[10]	●[10]	●[9]
●	●	●	●	●	●
●[11]	●[11]	●[11]	●[11]	●[12]	-
●[10]	●[10]	●[10]	●[10]	●[10]	†
●	●	●	●	-	●
-	●	-	●	○	-
-	-	-	-	●	-
●[7]	●[7]	●[7]	●[7]	●[7]	●[7]
●	●	●	●	●	●
●	●	●	●	●	●
EarWear 3.0	EarWear 3.0	EarWear 3.0	EarWear 3.0	EarWear 3.0	EarWear 3.0
●	●	●	●	●	●
○	○	○	○	○	○
○	○	○	○	○	○
○	○	○	○	○	○

● Standard
○ Optional

*Accesories available at an additional cost, not included with hearing aid purchase
** Thin tube
† Programs accessible with TruHearing app or miniPocket

1. Non e2e-wireless custom options available upon request
2. Only compatible with Bluetooth configurations via CROS RIC 19
3. Not available for IIC
4. On-board control, TruHearing App, miniPocket
5. Only available for non-BT configurations

Slim RIC

BTE	BTE	BTE	BTE[14]	BTE[14]
BTE LI 5	Power BTE LI 5	SP BTE LI 5	STD BTE 19	Power BTE 19
Advanced/Premium	Advanced/Premium	Advanced/Premium	Standard	Standard
60/133 dB 60/125 dB**	77/135 dB 66/130 dB	82/140 dB	(2ccm) ThinTube 56/126 dB Earhook 63/134 dB	(2ccm) ThinTube 65/130 dB Earhook 77/135 dB
Li-Ion power cell	Li-Ion power cell	Li-Ion power cell	13	13
-	-	-	1.3 - 1.5 mA	1.3 - 1.5 mA
Advanced – 32/16 Premium – 48/20	Advanced – 32/16 Premium – 48/20	Advanced – 32/16 Premium – 48/20	Standard – 16/8	Standard – 16/8
●[8]	●[8]	●[8]	-	-
-	-	-	-	-
6	6	6	4	4
●[1]	●[1]	●[1]	●	●
●	●	●	●	●
●[10]	●[10]	●[10]	-	-
●	●	●	-	●
●[12]	●[11]	●[12]	-	-
●	●	●	●	●
●	●	●	-	-
-	●	●	○	○
-	-	-	●	●
●[7]	●[7]	●[7]	●[6]	●[6]
●	●	●	●	●
●	●	●	●	●
EarWear 3.0	EarWear 3.0	EarWear 3.0	ThinTube	ThinTube
●	●	●	●	●
○	○	○	○	○
○	○	○	○	○
○	○	○	○	○

6. Via direct streaming
7. Only compatible with Bluetooth configurations
8. Standard OVP available in TH5
9. Activated via TruHearing app or miniPocket
10. Activated via rocker switch, TruHearing App or miniPocket
11. Via CROS RIC LI 6
12. Via CROS RIC 5
13. Auto EchoShield available in Premium only
14. Standard not available for all TruHearing patients

Empower conversation with the new TruHearing® 7 platform

Group conversations are the biggest unmet need for people with hearing loss. Give your patients a hearing aid designed to follow real-life conversations. Introducing TruHearing 7 with Dynamic Conversation Tracking: the world's first hearing aid that can identify, enhance, and track the location of multiple conversation partners, even as they move. 95% of wearers have better speech reception with Dynamic Conversation Tracking than without.[1]

Features	Description	Performance levels	
Conversation management		**Premium** RIC LI	**Advanced** RIC LI
Dynamic Conversation Tracking	Provides uninterrupted engagement in noisy group conversations by seamlessly tracking the locations of all conversation partners and enhancing their speech.*	●●●●●	●●●●○
Conversation Source Analyzer	Constantly scouts the acoustic environment to identify number of talkers and their location, precisely analyzing 1,000 times per second.	●●●●●	●●●●○
Conversation Dynamics Analyzer	Precisely analyzing conversation dynamics 1,000 times per second including turn-talking and timing, locations of pure noise without speech, and levels of background noise.	✓	
Advanced Focus Streams	Adds up to 3 additional focus streams providing the correct amount of boost for each conversation partner's speech while allowing the wearer to stay connected to their environment.	3	**1**
Conversation Booster	Determined the optimal balance of speech enhancement & noise reduction to augment speech while preserving the acoustic environment.	●●●●●	●●●●○
(Re)®Mix	Separates the focus sound (speech) from surrounding sounds, creating a strong contrast.*	✓	✓
Focus Stream	Enhances speech signals from the front hemisphere.	1	1
Surrounding Stream	Processes environmental sounds to preserve environmental awareness without masking speech.	1	1
Own Voice Processing 2.0 (OVP™ 2.0)	Uses real-time recognition of the wearer's voice to preserve the comfortable, familiar sound of the wearer's own voice.*	✓	✓
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 Dynamic Conversation Tracking.	●●●●●	●●●●○
SpeechStabilizer	Preserves the natural envelope of speech in any situation, including very noisy situations, which preserves acoustic cues that are important for speech understanding.	✓	✓
Motion Sensor	Detects whether the wearer is walking, running, or sitting still to guide how sound is optimized.	✓	✓
e2e wireless 4.0	Controls coupling, synchronization, CROS/BiCROS, and a range of sound features.* The lowest system latency in the industry. Provides a smoother sound experience and improves localization.	✓	✓
Speech and Noise Management	Reduces listening effort using sophisticated sound processing.	●●●●●	●●●●○
TruEar 360	Reproduces benefits of the natural pinna effect by highlighting the difference between front and back sources of sound.	✓	✓
Binaural Directionality	Provides scientifically proven enhance speech understanding noise.*	✓	✓
Binaural OneMic Directionality	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.*	✓	✓
Spatial SpeechFocus	Steers directional microphone beam to the dominant speech source (front, left, right, or behind the wearer to automatically in a car situation or in a dedicated "Strolling" program.)*	●●●●●	
Speech Focus	In the Universal Program, SpeechFocus steers the directional beam either to surround mode for side speech or to the rear. In manual programs, microphone beam to the right/left/rear directions.	●●●●●	●●●●○

* Available for bilateral fittings with e2e wireless link

** Requires Bluetooth connection, not available in TruHearing 7 IF

[1] Jensen et al. (2023). Power the conversation with Signia Integrated Xperience and RealTime Conversation Enhancement. Signia White Paper.

Features	Description	Performance levels	
Listening Comfort		**Premium** RIC LI	**Advanced** RIC LI
Feedback Cancellation	High speed monitoring and control of feedback in individual processing channels.	✓	✓
eWindScreen™	Reduces the interference of wind noise when outdoors.	●●●●●	●●●●○
SoundSmoothing™	Reduces the annoyance of sudden load impact sound such as when handling glassware.	✓	✓
Auto EchoShield	Automatically reduces the effect of reverberations and sudden loud noises in reverberant environments.	✓	
Reverberant Room Program	Dedicated program for reverberant environments.	✓	✓
Extended dynamic range	117 dB 24 bit processing for enhanced digital encoding of soft and loud sounds.	✓	✓
Extended bandwidth	12 kHz available bandwidth for enhanced processing of high-frequency speech and environmental sounds.	✓	
Wearer Empowerment			
TruHearing App (iOS and Android)	Easy-to-use smartphone app enables remote control adjustments, audio streaming,** access to My WellBeing,** and TeleCare.	✓	✓
Adaptive Streaming Volume	Speech intelligibility weighted adaptation of the streaming volume depending on the level of ambient noise.	✓	✓
My WellBeing	Accessed via the TruHearing 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.	✓	✓
Directional Hearing	Allows the wearer to adjust the direction of the microphone beam via the TruHearing App.	✓	✓
TeleCare	Provides remote services including the TeleCare Dashboard, Remote Fine Tuning,** and CareChat (convenient text messages, phone calls, and video calls).	✓	✓
Fitting Optimization			
Processing Channels / Gain & MPO handles	Number of processing channels/handles in Connexx.	48/20	36/18
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.	✓	✓
CROS/BiCROS compatibility	A CROS device worn on an ear with unaidable hearing loss transmits a sound to a hearing aid worn on the better ear.	✓	✓
Hearing programs	Numbe rof programs configurable in Connexx.	6	6
HD Music	Preset optimized music programs for enhanced enjoyment of non-streamed music.	3	3
Smart Optimizer and Data Logging	Tailored fine-tuning recommendations based on logging and analysis of the wearer's hearing aid use.	✓	✓
Acclimization 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.	✓	✓
IP68	Ensures the hearing aids will still function after being immersed under 1 m of water for 1h (excluding receiver) and no ingress of dust after 2h.	✓	✓
Patented Anti-Capillary Design	Patented Anti-Capillary design to protect the microphones from dirt plus hydrophobic and oleophobic protection.	✓	✓

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