

About Signia
Signia is one of the leading hearing aid brands in the world. Our goal is to enhance human performance through iconic innovations that shape prescription audio solutions. We refuse to accept hearing loss as a limitation. It's not about correcting a loss, it's about gaining an edge. Not just performing, performing brilliantly. Not just hearing again, but hearing better than ever. Hearing every word, beat, and breath. With Signia, you can Be Brilliant.

¹ Red Dot Design Award 2019 for Styletto Connect, iF Design Award 2019 for Styletto
² Based on 19 hours wearing per day, or 17 hours wearing incl. 5 hours streaming per day
³ All ASHA-compatible Android phones
⁴ Høydal, Fisher, Wolf, Branda, Aubreville: Empowering the wearer: AI-based Signia Assistant allows individualized hearing care (Hearing Review 2020;27(7):22-26)
⁵ Hakvoort, Burton: Increasing Style, Reducing Stigma: The Styletto Solution (Signia Backgrounder, 2018)
⁶ Jensen, Pischel, Taylor, Schulte: Performance of Signia AX in At-Home Listening Situations (Signia White Paper, 2021)
*Higher than 8 (on a 0-10 scale)
⁷ Jensen, Høydal, Branda, Weber: Augmenting Speech Recognition with a New Split-processing Paradigm (Hearing Review 2021;28(6):24-27)
⁸ Based on 17 hours wearing per day including 5 hours of streaming
⁹ Jensen, Powers, Haag, Lantin, Høydal: Enhancing Real-World Listening and Quality of Life with New Split-Processing Technology (AudiologyOnline, 2021)

Find out more on signia-pro.com
Or ask your hearing care professional for more information on Signia hearing aids, useful accessories and the Signia app.



Compatible with Android and iOS. The app is free of charge.

The information in this document contains general descriptions of the technical options available, which do not always have to be present in individual cases and are subject to change without prior notice.

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Find us on:

-  signia-pro.com
-  facebook.com/signiahearing
-  youtube.com/signiahearing
-  instagram.com/signiahearing

New

Upgraded

eWindScreen™

+

Improved

AX Soundscape Processing



Be Brilliant™

Augmented Xperience





Immerse yourself
in outstanding
speech clarity

Signia Augmented Xperience

Be Brilliant with Signia

At Signia, we aspire to empower people to perform at their best and gain an advantage. To Be Brilliant. Our mission is to enhance human performance through iconic innovations that shape prescription audio solutions.

Signia offers a complete set of advantages to help you and your clients Be Brilliant: We consistently innovate superior audiology to lift your clients' hearing experience to new heights and thereby ensure greater patient satisfaction. Our Styletto AX rechargeable hearing aid is a game-changer both in terms of sound and looks. Its award-winning SLIM-RIC hearwear design¹ has been optimized to be even smaller than its predecessors for an even more discreet fit.

AX hearing aids feature our leading-edge Augmented Xperience platform. It is the first to offer outstanding speech clarity in an immersive environment thanks to our revolutionary Augmented Focus™ technology. For instance, 100% of participants in a recent study reported excellent speech understanding in their home environment using this technology.⁶

Augmented Xperience (AX) is the popular choice: 4 times more people prefer Signia AX hearing aids to their previous hearing aid according to another recent study.⁹

And as your dedicated business partner, we support both you and your patients with leading fitting software and the state-of-the-art Signia app, which acts as an extension of yourself to best assist your clients out in the real world and strengthen your relationship with them.



Augmented
Xperience



Signia AX

Never miss a word

Hearing isn't always easy. A big group of people talking at the same time, softly spoken talkers, too much background noise... Sometimes sounds blend together making it impossible to focus on what you want to hear.

Our AX hearing aids are built on our leading-edge Augmented Xperience platform to solve this problem.

Augmented Xperience changes the way your clients hear the world. Instead of them having to strain to discern speech from background noise, our proven platform uses proprietary Augmented Focus™ technology to process the two separately and create a clear contrast. It then recombines them to deliver outstanding speech clarity in a fully immersive environment.

Hearing aid wearers who have experienced this revolutionary technology confirm its benefits: a full **100%** of participants in a recent study reported **excellent speech understanding in their home environment**.⁶ An overwhelming **95%** of participants in the same study said they were **satisfied with Augmented Xperience**.⁶ They also enjoyed more than **25% better speech understanding in noise** than with their previous hearing aids.⁶

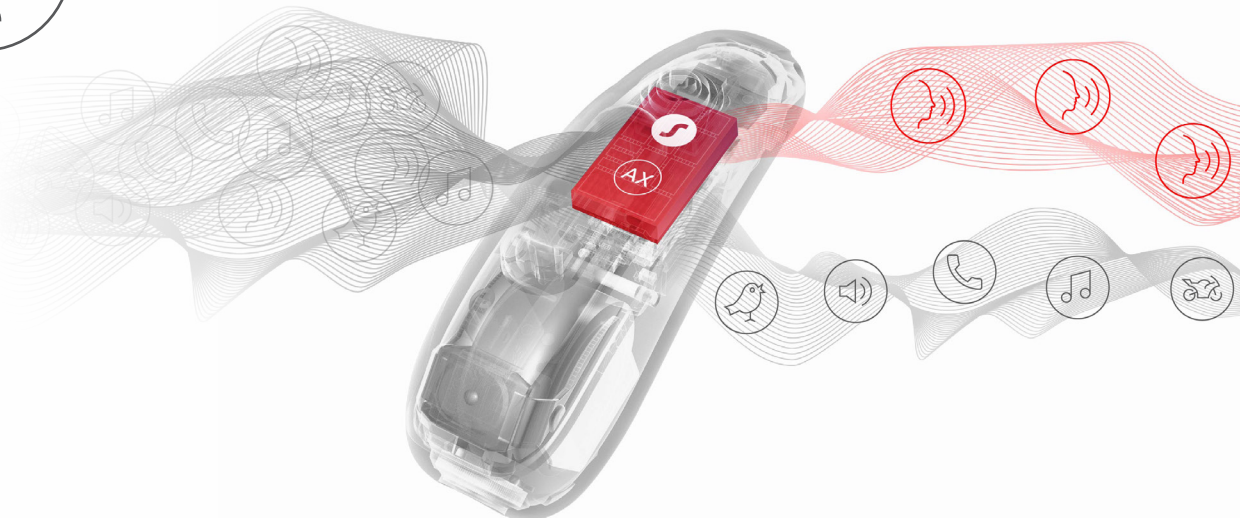
AX is also proven to perform better than normal hearing in a tested party scenario.⁷

Two significant technological innovations further enhance the outstanding speech clarity of Signia AX:

The newly upgraded eWindScreen feature now reacts even faster to reduce and smooth fluctuating wind noise at each ear. Less intrusive wind noise enables wearers to enjoy more pleasant listening experiences outdoors.

Meanwhile, improved AX Soundscape Processing can now optimize sound in communication situations more precisely than ever. An extended use of own voice detection enables the optimal level of support for conversation partners' speech at every moment.

Combined with our class-leading Own Voice Processing (OVP) and HandsFree mode for hands-free cellphone calls, Signia AX is once again our most brilliant Xperience yet.



Signia AX

Revolutionary split processing

Augmented Focus consists of two independent processors working in parallel with dedicated tasks.

Focus sounds

Focus sounds carry relevant information where every small detail is important, for example the speech of a conversation partner. These sounds are processed in a highly linear, uncompressed way with emphasis on clarity and details. This pulls speech closer to the listener, so it sounds as clear as possible.⁶

Surroundings

Surroundings contain all sounds outside the main focus placing the wearer in the correct acoustic atmosphere. This is important to create both awareness and excitement, for example enjoying piano music and laughter in a cafe. These sounds are processed with high spatial resolution, applying more compression and attenuation to keep them at a distance from the focus sounds. Sudden loud sounds can be addressed more quickly than ever before to prevent them from masking focus sounds.

Augmenting reality in the wearer's favor

Two separate processors allow us to fully capture focus and surroundings independently. As a result, we can control how we recombine them. To create a greater contrast, Augmented Focus pulls focus sounds closer and places surroundings a bit further away. This augments reality in the wearer's favor.

In a recent study, 85% of participants performed better in a speech test with Signia AX than with their previous hearing aids. 84% reported excellent speech loudness.^{6*}

3 out of 4 wearers experience less listening effort with AX than with their previous hearing aids, according to another recent study.⁹

Conventional processing



Augmented Focus™



Signia AX

Experience a range of audiological innovations

A range of innovative technologies combine to deliver this unprecedented augmented hearing experience:



e2e wireless 4.0 – A great leap for true binaural hearing

Our ear-to-ear (e2e) system e2e 4.0 syncs more binaural audio data than ever, ensuring clearer speech processing and high-precision directional awareness. It also significantly boosts the speed of data transmission, delivering a much smoother sound experience and inaudible shifts between different settings. Latency is reduced by 60% so that transitions between different modes are no longer audible.



Increased input dynamic range

The microphones and the state-of-the-art analogue input stage can handle signals up to 117dB with great sound quality. That’s very close to the full capacity of human ears and ensures a clean crisp signal, for example at music concerts.



Own Voice Processing 2.0

The newly developed Own Voice Processing 2.0 harnesses the AX platform’s dual processing power to process the wearer’s own voice completely independently from all other sounds better than ever. When the wearer’s own voice is detected via its unique pathway, one processor handles the wearer’s voice, while the other processor controls the environment without having to compromise between the two. This is possible for both closed and open fittings.



Direct streaming for iOS and Android

Augmented Xperience offers direct streaming for both iOS and ASHA-compatible Android smartphones. It handles the signal of a streaming input independently from other signals, ensuring that the sound is even clearer and easier to optimize.



Signia Assistant

Inspired by the way the human brain’s neural network solves challenges, the Signia Assistant offers immediate support whenever wearers need to adjust their settings. When a change is made, the Assistant collects information regarding the wearer and the acoustic situation. You can see all these interactions between the wearer and the Assistant in the Connexx fitting software.

The live deep neural network AI that drives the Signia Assistant marks a revolution in hearing care. It is a living

system that continuously learns about individual needs in specific situations, moving from a one-size-fits-all approach to data-driven knowledge for precisely tuned hearing for every individual.

As a result, 93% of users regard the Signia Assistant as a meaningful innovation that raises their satisfaction with their hearing aids in difficult listening situations. It can also drive sales because an overwhelming 87% of consumers would choose hearing aids with such an AI assistant when buying new devices.⁴



Auto EchoShield

Via an additional sensor, Auto EchoShield creates a cleaner, more immersive environment by ensuring reverberation and sudden loud noises are instantly neutralized before they become an issue. Seamlessly integrated into the split processing of AX, Auto EchoShield lets wearers enjoy an excellent listening experience with outstanding speech clarity in every room and environment. The effects of reverberation in atriums, hallways, lecture halls and other large rooms are reduced.



Upgraded eWindScreen

Our upgraded eWindScreen introduces a new wind smoothing algorithm that reacts even faster to reduce and smooth fluctuating wind noise at each ear. This not only keeps wind noise softer overall but also reduces distracting fluctuations for a more stable and pleasant listening experience outdoors.



Improved AX Soundscape Processing

AX Soundscape Processing can now analyze and optimize sound in complex communication situations even more precisely through an extended use of own voice detection. In addition to its original role in keeping the wearer’s own voice comfortable, input from own voice detection is now combined with all the other inputs used by AX Soundscape Processing to maintain a more stable and accurate level of support for the speech of conversation partners in demanding situations.



HandsFree for iOS

HandsFree builds on the patented split processing of the AX platform. It uses Bluetooth® to allow the wearer to use their hearing aids for hands-free calls with their iPhone in different environments - even noisy ones. By using the processing power of AX, background noise is reduced, allowing the hearing aid wearer to hear clearly what is being said on the phone. The hearing aid’s built-in microphone lets conversation partners hear the wearer’s voice in high quality.



Our revolutionary Augmented Xperience chip at a glance

- 2x
- 110%
- 60%
- 27%
- 22%
- Audiological core processors,
- Increased binaural audio transfer rate
- Reduced binaural latency
- More electric circuits
- Longer battery runtime

The full range of form factors
your customers need to

Be Brilliant™



Performance levels

7-5-3-2-1

sDemo

Pure 312 AX

CROS Pure 312 AX

Equipped with all the benefits of our Augmented Xperience platform for outstanding speech clarity, these tiny and attractive hearing aids provide fully-featured Bluetooth connectivity for Android³ and iPhone, including the Signia Assistant.



Performance levels

7-5-3-2-1

sDemo

Styletto AX

CROS Styletto AX

A game-changer in sound and looks. Its award-winning SLIM-RIC hearwear design¹ is smaller than its predecessor for an even more discreet fit, while its Augmented Focus technology delivers outstanding speech clarity in an immersive environment. Styletto AX offers recharging on-the-go and Android³ and iPhone connectivity, including the Signia Assistant.



Performance levels

7-5-3-2-1

Insio C&G AX

Insio C&G AX redefines custom hearing aids with a smaller design for a higher fitting rate and all-day comfort, our leading-edge Augmented Xperience platform for outstanding speech clarity, and the first contactless charging for custom hearing aids. It also boasts Android³ and iPhone connectivity, including the Signia Assistant.



Performance levels

7-5-3-2-1

sDemo

Pure C&G AX

CROS Pure C&G AX

Pure C&G T AX

Pure C&G AX and T AX combine an attractive design with proven rechargeability, state-of-the-art Bluetooth connectivity for Android³ and iPhone, and the landmark AI of the Signia Assistant. Pure C&G T AX features a T-coil for those who want the support of an induction loop system.

Signia AX

Styletto AX

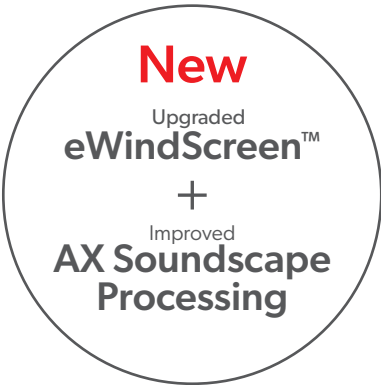
Performance levels

7-5-3-2-1

sDemo



Styletto AX
CROS Styletto AX



8 out of 10 people prefer the SLIM-RIC design

Styletto AX is a game-changer for your practice. Its refined slim-line hearwear styling is preferred by 8 out of 10 people compared to conventional hearing aids.⁵ This eye-catching quality enables you to attract new and existing hearing aid wearers.

Designed for brilliant hearing and looks

Our Styletto AX rechargeable hearing aid looks as amazing as its sounds. Its award-winning SLIM-RIC design¹ is the smallest ever for an even more discreet fit. Built on our leading-edge Augmented Xperience platform, Styletto AX uses our proprietary Augmented Focus™ technology to split speech from surrounding sounds, process them separately, and recombine them to deliver outstanding speech clarity in an immersive environment.

Styletto AX gives its wearers the speech clarity they need with the hearing aid features they want:

Wireless charging with Qi technology

Wearers can recharge their Styletto AX hearing aids at home or on-the-go for up to 17 hours of use, including 5h of streaming, per charge. The pocket-sized charging case's Qi wireless technology enables them to simply place the charger on a charging pad instead of having to plug it into the mains. Wherever they're going, Styletto AX goes with them. And goes and goes – the charging case delivers an astounding 4 days of user autonomy without the need to charge the case.²

Android & iOS connectivity

Styletto AX offers state-of-the-art Bluetooth connectivity so wearers can connect to their Android³ or iOS device to stream phone calls, music, TV and more in high-quality digital sound. They can also connect their hearing aids to the Signia app, which features groundbreaking artificial intelligence (AI) via the Signia Assistant.



Black
& Graphite



Black
& Silver



Black
& Fine Gold



Cosmic Blue
& Rose Gold



Cosmic Blue
& Silver



Cosmic Blue
& Fine Gold



Snow White
& Rose Gold



Snow White
& Silver



Snow White
& Fine Gold

Key features

- Uniquely stylish, award-winning design¹
- Even more discreet fit
- Outstanding speech clarity
- Recharging on-the-go
- Android³ & iPhone connectivity
- Signia Assistant
- Own Voice Processing 2.0
- Auto EchoShield
- HandsFree for iOS
- Upgraded eWindScreen
- Improved AX Soundscape Processing



AI
Assistant



eWindScreen



AX Soundscape
Processing



HandsFree
for iOS



Award
Winning



Augmented
Xperience



Outstanding
Speech Clarity



Recharge
on-the-go



Android³ & iOS
connectivity

Signia AX

Insio Charge&Go AX

Performance levels

7-5-3-2-1



Insio Charge&Go AX



Black



Dark Brown



Brown



Mocca



Tan



Beige

The first custom hearing aids with contactless charging and Bluetooth

Our rechargeable Insio Charge&Go AX ITC and ITE models redefine what custom hearing aids can offer experienced wearers. Tailor-made to suit each wearer’s individual ear anatomy, these custom devices’ slightly smaller design offers all-day comfort. Insio Charge&Go AX hearing aids are built on our leading-edge Augmented Xperience platform to deliver outstanding speech clarity in an immersive environment. They even include a motion sensor to adapt their sound optimally to the wearer’s situation by detecting if they are moving or stationary.

And Insio Charge&Go AX boast a wealth of additional innovative high-tech features that allow your custom hearing aid wearers to shine and Be Brilliant in their daily life.

Contactless charging for effortless energy

These are the first custom hearing aids with contactless charging. Wearers simply place Insio Charge&Go AX in the Insio Charger without having to worry about any exact charging contact, charge them while resting or sleeping, and then go – true to their name. And keep going throughout the day with up to 20 hours of use on a single charge.

Android & iOS connectivity

Insio Charge&Go AX also offer state-of-the-art Bluetooth connectivity for Android[®] and iOS devices. So wearers can easily stream their phone calls, music and TV audio via their custom hearing aids. They can also connect to the Signia app and its star attraction: the Signia Assistant with its live deep neural network AI for the most personalized augmented hearing experience.

Insio Charge&Go AX ITCs and ITEs are the ideal solution for experienced wearers who are looking for a personally tailored high-tech hearing solution to excel in their private and professional life.

Key features

- Smaller, discreet design for a higher fitting rate and all-day comfort
- Outstanding speech clarity
- Contactless charging
- Android[®] & iOS connectivity
- Signia Assistant
- Auto EchoShield
- HandsFree for iOS
- Upgraded eWindScreen



Discreet Design



AI Assistant



eWindScreen



HandsFree for iOS



Customized Fit



Award Winning



Augmented Xperience



Outstanding Speech Clarity



Rechargeable



Android[®] & iOS connectivity

Signia AX

Pure 312 AX and CROS Pure 312 AX

Performance levels

- 7-5-3-2-1
- sDemo



Pure 312 AX
CROS Pure 312 AX

New

Upgraded
eWindScreen™

+

Improved
AX Soundscape
Processing



Black



Graphite



Dark
champagne



Silver



Pearl
white



Fine
Gold



Deep
brown



Sandy
brown



Rose
gold



Beige

The small RIC for outstanding speech clarity

Equipped with all the benefits of our Augmented Xperience platform for outstanding speech clarity, Pure 312 AX and CROS Pure 312 AX attract wearers with their fresh, elegantly slim design. Despite their discreet form, these tiny hearing aids provide fully-featured Bluetooth connectivity for maximum enjoyment of music, calls and TV from Android³ and iOS devices, plus all the benefits of our Signia Assistant. Pure 312 AX's Zn-Air battery delivers a runtime of around 4 days.⁸

Pure 312 AX is available in all performance levels so you can meet the needs of as many existing and potential customers as possible.

Key features

- Outstanding speech clarity
- Android³ & iOS connectivity
- Signia Assistant
- Available in all performance levels
- Own Voice Processing 2.0
- Auto EchoShield
- HandsFree for iOS
- Upgraded eWindScreen
- Improved AX Soundscape Processing



312
Battery



AI
Assistant



eWindScreen



AX Soundscape
Processing



Augmented
Xperience



Outstanding
Speech Clarity



Android³ & iOS
connectivity



HandsFree
for iOS

Signia AX

Pure Charge&Go AX,
CROS AX and T AX

Performance levels

- 7-5-3-2-1
- sDemo



Pure Charge&Go AX
CROS Pure Charge&Go AX



Pure Charge&Go T AX

New
Upgraded
eWindScreen™
+
Improved
AX Soundscape
Processing



Integrated
T-coil



Black



Graphite



Dark
champagne



Silver



Pearl
white



Fine
Gold



Deep
brown



Sandy
brown



Rose
gold



Beige

Immersive sound in
a small rechargeable RIC

Pure Charge&Go AX is ideal for experienced and first-time hearing aid wearers who are looking for a sleek aesthetic device that is fully featured. It combines an attractive design with proven rechargeability, state-of-the-art Bluetooth connectivity for Android³ and iOS, and the landmark AI of the Signia Assistant.

Pure Charge&Go AX is also available as a CROS device. And Pure Charge&Go T AX, also available in all performance levels, features a T-coil for those who want the support of an induction loop system.

Both models come with a compact charger with the option to upgrade to a portable or a Dry&Clean charger. The Li-ion power cell of Pure Charge&Go AX delivers up to 24 hours of use on a single charge including 5 hours of streaming for complete flexibility on the move. The impressive Li-ion power cell of Pure Charge&Go T AX delivers up to 36 hours of use on a single charge including 5 hours of streaming.

Key features

- Outstanding speech clarity
- Recharging on-the-go (with portable charger)
- Android³ & iOS connectivity
- Signia Assistant
- Available in all performance levels
- Own Voice Processing 2.0
- Auto EchoShield
- HandsFree for iPhone
- Upgraded eWindScreen
- Improved AX Soundscape Processing



AI
Assistant



eWindScreen



AX Soundscape
Processing



HandsFree
for iOS



Augmented
Xperience



Recharge
on-the-go



Outstanding
Speech Clarity

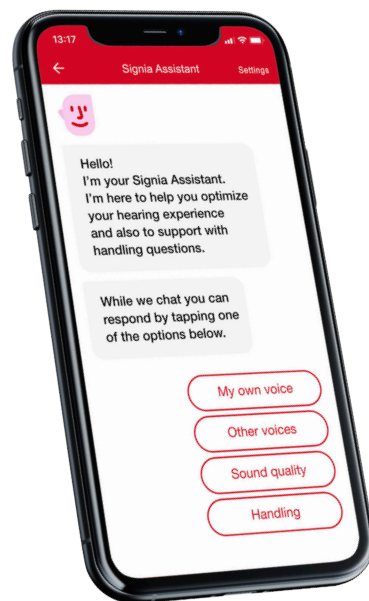


Android³ & iOS
connectivity

Signia software makes your job easier

From our all-in-one Signia app to our Connexx fitting software, Signia supports you and your clients at every step

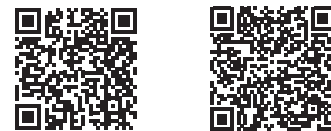
The Signia app for your clients' iOS and Android smartphones only shows the user functions applicable to their devices. The app offers not just remote control but also two revolutionary solutions that make it easier for you to fit customers and for them to stay in touch with you when they are away from your premises.



Signia Assistant

With its live artificial intelligence deep neural network, the Signia Assistant ensures that the end-user always gets the best possible solution for any given situation, always tailored to their specific needs and preferences.

It provides your clients with easy answers to all questions on handling, including showing them helpful videos in the app that are relevant to their specific device. In this way, people get the support they need during the entire onboarding process and you can spend the time at follow-up appointments more effectively.



TeleCare

Signia TeleCare enables you to support your clients remotely, so they get your help in real-life situations when they need it. You can hold virtual appointments via phone or video call and adjust the hearing aid settings remotely in the Connexx fitting software.

Connexx with Signia AX

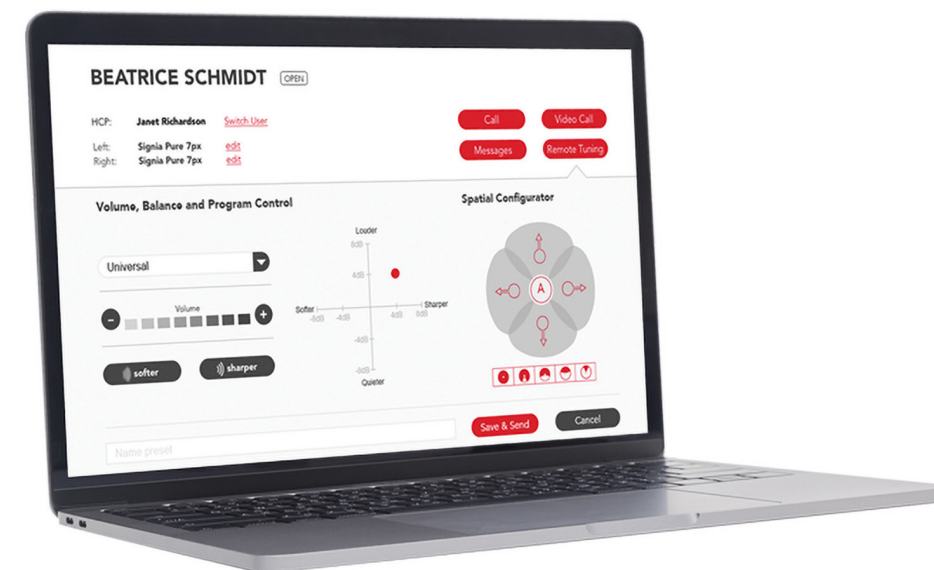
Connexx with Augmented Xperience

Our Connexx fitting software puts you in the driver's seat with real-world insights to optimally support each individual patient.

First Fit in Connexx configures Signia AX hearing aids to allow the wearer to hear what is important to him or her. The First Fit settings have been carefully optimized to provide a good starting position for each wearer.

The Dynamic Soundscape Processing (DSP) control in Connexx provides a slider to adjust to your clients' individual preferences. This slider is now more powerful than ever thanks to our new Augmented Focus™ technology.

For you clients to fully optimize their personal sound in the situations important to them, they can use the Signia Assistant. The Assistant can fine-tune the DSP slider and show you if any changes were made from the initial settings. You can view details about each specific interaction: The situation your client was in at a particular date and time, the issue that required assistance, and the solution implemented by the Assistant.



EarWear 3.0

Better physical fit and on-ear attractiveness

Our new EarWear 3.0 offers a higher physical fit rate, improved cosmetics and better retention.

EarWear 3.0 provides you with a comprehensive solution which is highly reliable in its acoustic performance and highly durable so it improves the cosmetic appeal as well as physical fit & retention in the ear. So your clients enjoy the most comfortable, cosmetically appealing solution with consistently great sound.

The new eartips come in different sizes and a closed and open build version suitable for the vast majority of ear anatomies and hearing needs. This means that you can now fit more people with state-of-the-art Signia hearing aids than ever before.



MiniReceiver 3.0



WaxGuard Exchange Tool



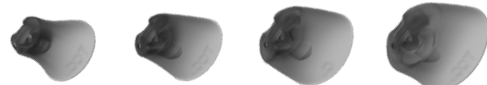
Removal Tool



Open EarTips 3.0



Tulip EarTips 3.0



Sleeves 3.0

Your EarWear 3.0 advantages at a glance:

Higher physical fit rate
The combination of smaller receiver cross sections, softer eartips providing a smaller receiver front, and a new cable geometry results in major physical fit rate improvements for the miniReceiver 3.0 portfolio.

Cosmetically appealing
Improved cable/tube bending and in-ear position ensures a closer fit on the ear, making it less visible. Every variant is available in the lengths 0-5.

Better retention
A special bending of the cable/tube and its outlet locks the acoustic coupling reliably into the ear canal, with no lateral migration and no need for an anchor.

New eartips
Compatible with miniReceiver 3.0 and ThinTube 3.0 and easier for your clients to exchange (compared to click domes).

Smaller hearing aids
The introduction of a substantially smaller plug allows for smaller RIC designs overall.

Improved usability
The proven design makes click domes much easier for consumers to exchange.

To further strengthen durability and reduce damage to cables and tubes, the miniReceiver 3.0 features a reinforced cable outlet while the ThinTube 3.0 is made out of one piece. A Titanium Shield on all miniReceivers 3.0 provides optimal anti-allergic performance.

Signia AX Chargers

A world of charging possibilities

You can offer Signia AX hearing aid wearers a choice of different chargers to power their hearing aids, depending on their preferred hearing aid and lifestyle.

All chargers deliver a full charge in around 4 hours and offer 30 minutes quick charging so wearers can boost the runtime of their devices beyond a full day for maximum flexibility free from annoying battery changes, whether they are on a long journey or just want to stream audio for many hours.



Styletto AX Charger

This elegant portable charging case matches Styletto AX's award-winning design. It features Qi Wireless charging technology for up to 4 full charges of Styletto AX on-the-go.



Styletto AX Dry& Clean Charger

The ultimate in state-of-the-art charging technology, the Styletto AX Dry&Clean Charger not only charges the hearing aids but also offers UVC cleaning and drying technology to keep the devices in peak condition. The UVC cleaning starts automatically when the hearing aids are placed inside and is completed in just 15 minutes.



Insio AX Charger

This revolutionary charger provides the first contactless charging for custom hearing aids. No specific charging position is required - wearers intuitively place their Insio C&G AX hearing aids in the charger as if it were a jewel case.



Pure AX Charger

This small and highly reliable desktop charger addresses basic needs when it comes to providing power to the hearing aids. 2 LEDs indicate the charging status (one per hearing aid).



Pure AX Portable Charger

This sophisticated charger offers comfort and charging on the go. Its power bank allows for 3 full charges of a pair of hearing aids. A lid protects the hearing aids and prevents dust accumulating in the charger. 2 LEDs indicate the charging status (one per hearing aid) and one for the integrated power bank.



Pure AX Dry&Clean Charger

The Pure Dry&Clean Charger offers UVC cleaning and drying technology to keep the devices in peak condition. 3 LEDs per hearing aid indicate their charging status and an additional LED indicates the cleaning status.

Features	Information	Performance levels				
		7AX	5AX	3AX	2AX	1AX
Improved AX Soundscape Processing 2.0	Dynamic Soundscape Processing takes sound processing to a more precise level by including motion data for a more realistic sound adapted to everyday life.	●●●●●	●●●●●	●●●●●	●●●○○	●●●○○
Augmented Focus™	Separates the focus sound (speech) from surroundings, creating a clear contrast between the two, which makes it easier to follow conversations.	✓	✓	✓	✓	✓
Acoustic Sensors	The redesigned acoustic sensors can detect more variables of sound than ever before, providing more accurate information about the environment.	✓	✓	✓	✓	✓
e2e wireless 4.0	Control coupling, synchronization, binaural directionality, Spatial Speech Focus, CROS/ BiCROS.	✓	✓	✓	✓	✓
Motion Sensor	An integrated motion sensor detects whether the wearer is walking, running or sitting still. This motion data complements the acoustic data to optimize Dynamic Soundscape Processing 2.0.	✓	✓	✓		
OVP 2.0 Own Voice Processing 2.0	Own Voice Processing (OVP™) utilizes real-time recognition of the wearer’s voice to deliver a natural own-voice impression. Available for RIC/BTE devices with e2e wireless in binaural fittings.	✓	✓	✓		
Sound Clarity	Sound Clarity provides lifelike sound which covers the full spectrum of wearing situations.	●●●●●	●●●●○	●●●○○	●●●○○	●●○○○
Signal processing / Gain & MPO	Channels/handles in Connexx. For Signia AX, channels are per processing chain (Focus/Surroundings).	48/20	32/16	24/12	16/8	16/8
Hearing Programs	Number of programs configurable in Connexx.	6	6	6	4	4
Extended dynamic range	117 dB 24 bit processing for enhanced digital encoding of soft and loud sounds.	✓	✓	✓	✓	✓
Speech and noise management	Reduces listening effort using sophisticated sound processing.	✓	✓	✓	✓	✓
SoundSmoothing™	Reduces the annoyance of sudden loud impact sound such as when handling glassware.	✓	✓	✓	✓	
Feedback cancellation	High speed monitoring and control of feedback in individual processing channels.	✓	✓	✓	✓	✓
HD Music	Preset programs for enhanced enjoyment of non-streamed music.	3	3	1	1	
eWindScreen	Reduces the annoyance of wind noise when outdoors.	✓	✓	✓	✓	
Extended bandwidth	12 kHz 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.	✓	✓ ¹⁾			
Speech Quality	Speech Quality delivers improved speech understanding and communication ease in noise.	●●●●●	●●●●○	●●●○○	●●●○○	●●●○○
Binaural Directionality	Directionality provides scientifically proven enhanced speech understanding in noise. Available for bilateral fittings with directional microphones and e2e wireless link.	✓	✓	✓		
Wireless CROS/BiCROS	Requires CROS transmitters.	✓	✓	✓	✓	✓
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.	✓	✓	✓	✓	✓
Spatial SpeechFocus	Depending on the direction of the dominant speech source, Spatial SpeechFocus steers the directional beam to the left, right, or behind the wearer automatically in a car situation, or in a dedicated “Strolling” program. Available for bilateral fittings with directional microphones and e2e wireless link.	✓ ²⁾	✓ ³⁾			

1) Automatic mode available in 7AX only, manual mode for 5AX
2) In Universal program: Automatic mic beam to the right / left / rear directions.
3) In Universal program: Automatic mic beam to the rear, surround mode for side speech. In manual programs, microphone beam to the right/left/rear directions.

Features	Information	Performance levels				
		7AX	5AX	3AX	2AX	1AX
Wearer Interaction	Technically inclined wearers may appreciate having extra control over their hearing aids. Signia Augmented Xperience hearing aids offer these wearers a comprehensive range of adjustment options via the Signia app.	●●●●●	●●●●●	●●●●●	●●●●●	●●●●●
Signia Assistant	Signia Assistant offers wearers instant 24/7 support and troubleshooting around the clock. It provides detailed information in Connexx to address each client’s fine-tuning needs more precisely.	✓	✓	✓	✓	✓
Signia app (iOS and Android)	The new Signia app combines all functionalities of previous apps (touchControl, myControl, myHearing app). The functionality offered in the app is automatically customized depending on the connected hearing aid.	✓	✓	✓	✓	✓
Adaptive Streaming Volume	Speech intelligibility weighted adaptation of the streaming volume depending on ambient noise.	✓	✓	✓	✓	✓
Spatial Configurator	Spatial Configurator is part of the Signia app and allows the wearer to adjust the direction of the microphone beam.	✓	✓			
Direct streaming for iOS	Signia Augmented Xperience hearing aids can be connected directly to Apple devices for phone calls and audio streaming – without additional accessories.	✓	✓	✓	✓	✓
HandsFree for iOS	HandsFree uses Bluetooth® to allow the wearer to use their hearing aids for hands-free calls with their iPhone in different environments - even noisy ones.	✓	✓	✓		
Direct streaming for Android	Direct audio streaming from ASHA compatible Android devices to Bluetooth enabled Augmented Xperience hearing aids.	✓	✓	✓	✓	✓
StreamLine TV accessory	Stream high quality stereo sound directly from a TV to Bluetooth equipped Augmented Xperience hearing aids.	✓	✓	✓	✓	✓
StreamLine Mic accessory	Stream high quality stereo sound directly from any Bluetooth device (Android devices, older Apple devices, other smartphones, PCs, laptops, etc.) to Bluetooth equipped Augmented Xperience hearing aids.	✓	✓	✓	✓	✓
Tinnitus	A choice of tinnitus treatments based on amplified notch therapy or traditional noise therapy signals. It is even possible to combine the two approaches.	✓	✓	✓	✓	
Notched Amplification Therapy	Innovative tinnitus therapy delivered via everyday amplification.	✓	✓	✓	✓	
Smart Optimizer and Data Logging	Smart Optimizer (found under Data Logging) provides tailored fine-tuning recommendations based on an analysis of the wearer’s usage of the hearing aid.	✓	✓	✓	✓	✓
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 screening audiograms and checking of thresholds while the hearing aids are worn.	✓	✓	✓	✓	✓
AutoFit	Automatically provides an optimized real-ear insertion gain (REIG) setting without the need to manually match targets. The new IMC2 standard expands the range of REM equipment which supports AutoFit with Connexx and Noah 4.5.1 or higher.	✓	✓	✓	✓	✓
TeleCare	TeleCare provides remote services including additional tools to follow-up with patients. In addition, user engagement and autonomy can be increased via the Signia app.	✓	✓	✓	✓	✓
Remote Services	Includes TeleCare Dashboard, Remote Fine Tuning, CareChat (incl. text messages, phone calls and video calls), virtual follow-up.	✓	✓	✓	✓	✓
Upgraded eWindScreen	Upgraded eWindScreen now reacts even faster to reduce and smooth fluctuating wind noise at each ear for more stable and pleasant outdoor listening.	✓	✓	✓	✓	