

Signia Pure 312 AX / CROS Pure 312 AX

# Powered by the Signia Augmented Xperience Platform



Performance Levels

7/5/3/2/1  
and sDemo



Pure 312 AX



CROS Pure 312 AX

## AX is better than ever

Signia's latest innovations – the Pure 312 AX and the CROS Pure 312 AX – are powered by the new and cutting-edge Augmented Xperience (AX) platform, which delivers up to 96 channels with two dedicated processors for split processing and a host of clinically proven benefits, including new and enhanced audiological features. The platform is designed to deliver outstanding speech quality in quiet, moderate, and noisy environments!

## Provider Benefits

Fully featured RIC designed to **support a broad range of patients' needs:**

- **Easily connect to iPhone® and ASHA compatible Android™ devices**
- Integrated, **compact RIC design with CROS** option
- Rocker switch for onboard control
- Sleek design combined with new EarWear 3.0, to deliver higher physical fit rates and better retention for increased patient satisfaction
- **Pure 312 AX's Zn-Air battery delivers up to 4 days of wear time**

## Key Features

- Outstanding speech clarity
- Android & iOS connectivity
- Signia Assistant available 24/7 through the Signia app
- Powered by the World's First Augmented Xperience platform with two dedicated processors
  - **More than 25% better speech understanding** in noise compared to own hearing aids\*
  - **94% of wearers report excellent speech understanding** with Signia AX\*

## Wearer Benefits

- Sleek hearing aid design that is both comfortable and discreet (via EarWear 3.0)
- Easily connects to iPhone and ASHA compatible Android devices for effortless streaming from any Bluetooth® device.
- Fully featured hearing aid with optional support of CROS transmitter for single-sided deafness
- **Signia app compatibility** with access to Signia Assistant and more for on-demand, easy-to-use control
- **Pure 312 AX batteries** keep hearing aids running for up to four days before needing to be replaced
- Available in ten colors
- **Own Voice Processing (OVP™) 2.0** utilizes split processing of the Augmented Xperience platform to separate the wearer's own voice from simultaneous ambient sounds. Wearers can speak comfortably and confidently without being bothered by the sound of their own voice or distracted by ambient sounds. **Plus! Improved AX Soundscape Processing** leverages the power of OVP 2.0 and uses own voice detection as another input to optimize how conversation partners are heard\*\*.
- By using Bluetooth®, the wearer can use their hearing aids for **hands-free** calls with their iPhone in different environments. In noisy environments, 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.
- Available in our Level 7 Signia AX hearing aids, **Auto EchoShield** creates a cleaner, more immersive environment by neutralizing reverberation and sudden loud noises instantly, before they become an issue in atriums, hallways, lecture halls, and other complex environments.
- **Upgraded eWindScreen\*\*\*** reduces annoying wind sounds to allow wearers to better engage in outdoor communication or other outdoor activities by reacting smarter and faster to fluctuating wind noise.



24/7 Signia Assistant



iOS & Android Connectivity



312 Battery



Own Voice Processing 2.0



Dynamic Soundscape Processing 2.0



Outstanding Speech Clarity



Signia App



Tinnitus Relief



IP 68



Automatic Situation Detection



Auto EchoShield



HandsFree for iOS with CallControl



Upgraded eWindScreen\*\*\*



Improved AX Soundscape Processing\*\*

## Available Colors:



**Signia app is equipped with the Signia Assistant for 24/7 support plus Signia My WellBeing**

My WellBeing provides health insights to track steps, calories burned, distance traveled, movement, wear time and more to support your patients overall health.

\*Visit [signia-pro.com/en-us/claims-data](http://signia-pro.com/en-us/claims-data) for more details.

\*\*Available in levels 3-7 when OVP 2.0 has been activated. Requires Connexx 9.9 or later.

\*\*\*Available in levels 2-7 in Connexx 9.9 or later.

Type	Pure 312 AX
Available Performance Level	7/5/3/2/1 AX
Matrix	S (109/46) / M (117/58) / P (120/63) / HP (128/74)
Frequency Channels/ Compression Controls	7 AX 96/20 (48 channels per processor) 5 AX 64/16 (32 channels per processor) 3 AX 48/12 (24 channels per processor) 2 AX 32/8 (16 channels per processor) 1 AX 32/8 (16 channels per processor)
Battery Size	312 Zn-Air
Battery Runtime	Up to 4 days
Onboard Control	Rocker Switch
TeleCoil	-
IP Rating	IP68
Programmer	Noahlink Wireless
Fitting Set	Earwear 3.0

Features	7AX	5AX	3AX	2AX	1AX
Hearing Programs	6	6	6	4	4
Dynamic Soundscape Processing 2.0	●●●●●	●●●●●	●●●●●	●●●●○	●●●●○
Speech & Noise Management	Broadband & Multichannel (Min/Med/Max)	Broadband & Multichannel (Min/Med/Max)	Broadband & Multichannel (Min/Med/Max)	Min/Med/Max	On/Off
TruEar & Adaptive Directionality	●	●	●	●	●
Binaural Directionality	●	●	●		
Spatial SpeechFocus*	Front/Right/Left/Rear	Rear/Surround			
Sound Smoothing	●	●	●	●	
Augmented Focus	●	●	●	●	●
e2e Wireless 4.0	●	●	●	●	●
Motion Sensor	●	●	●		
OVP 2.0	●	●	●		
Improved AX Soundscape Processing**	●	●	●		
Auto EchoShield	●				
EchoShield Programs	●	●			
Upgraded eWindScreen***	Min/Med/Max	Min/Med/Max	On/Off	On/Off	
Extended Bandwidth up to 12 kHz	●				
Tinnitus Sound & Notch Therapies	●	●	●	●	
HD Music Programs	3	3	1	1	
Directional Hearing via Signia App	●	●			
Feedback Cancellation	●	●	●	●	●
Increased Input Dynamic Range up to 117 dB	●	●	●	●	●
Frequency Compression	●	●	●	●	●
Direct Streaming for iOS and Android	●	●	●	●	●
Adaptive Streaming Volume	●	●	●	●	●
HandsFree for iOS with CallControl	●	●	●		
TwinPhone†	●	●	●	●	●
Wireless CROS/BiCROS‡	●	●	●	●	●
Smart Optimizer and Data Logging	●	●	●	●	●
AutoFit	●	●	●	●	●

App & Accessory Compatibility	7AX	5AX	3AX	2AX	1AX
Signia App	●	●	●	●	●
Signia Assistant via Signia App	●	●	●	●	●
My WellBeing via Signia App	●	●	●		
TeleCare & Remote Services	●	●	●	●	●
StreamLine TV/StreamLine Mic/miniPocket	●	●	●	●	●

## Pure 312 AX works exclusively with the new EarWear 3.0.

### Compatible with:



StreamLine™ TV



StreamLine™ Mic



miniPocket™

\*7AX - Universal program automatic beam right/left/rear directions.

5AX - Universal program automatic beam to the rear & surround mode for side speech.

7/5AX - Manual Programs microphone beam to right/left/rear.

\*\*OVP 2.0 must be activated. Available in Connexx 9.9 or later.

\*\*\* Available in Connexx 9.9 or later.

†Activate via rocker switch, Signia App or accessory.

‡Compatible with CROS Pure 312 AX. Signia Assistant and Face Mask Mode are not available in CROS and BiCROS fittings.

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