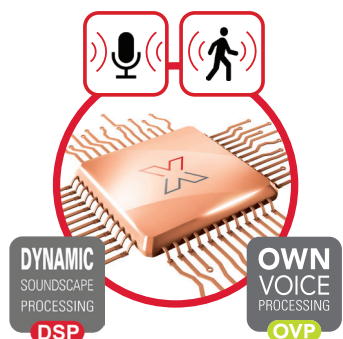


# Pure<sup>®</sup> 312 X.

The most discreet personalized hearing with direct streaming.



## Key features

- Most natural own voice<sup>1</sup> and best speech understanding in noise<sup>2</sup>
- Long-lasting, high-quality audio streaming
- Ultra HD e2e and *Bluetooth*<sup>®</sup> connectivity



Signia App ready

- TeleCare
- Remote control
- Connectivity & streaming

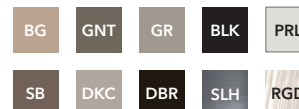


Equipped with Bluetooth



Available as a finished good or with a color conversion kit

## Available colors



## HIGHLIGHTS:

- Advanced, high-tech Bluetooth streaming of music, phone calls, and TV
- Optional T-coil
- Slimmer housing
- Available in two new colors



### StreamLine TV

With StreamLine TV, the TV signal is directly streamed into Pure 312 X hearing aids.



### StreamLine Mic

The StreamLine Mic enables hands-free audio streaming (phone calls, music, etc.) from any device with Bluetooth connectivity.



### miniPocket

Compatible with the miniPocket for patients to control without the app.

## Performance levels

7X

5X

3X

sDemo

**YOURSOUND TECHNOLOGY** allows you to **HEAR WHAT MATTERS** to you.

**ACOUSTIC-MOTION  
SENSORS**

**DYNAMIC SOUNDSCAPE  
PROCESSING**

**OWN VOICE  
PROCESSING**

## Type

### Performance levels

Picture

### Product details

Matrix (2 ccm)

Battery size

Power consumption

### Features

Frequency channels/  
Compression controls

Hearing programs

e2e wireless

Direct streaming

TwinPhone

TeleCare

Tinnitus therapies

Rocker switch

Volume control

Rechargeable

T-coil

Battery door on/off function

Audio input

### Modifications

Color conversion kit

### App/Accessory compatibility

Signia App

StreamLine TV/StreamLine Mic

miniPocket

ConnexxAir

Noahlink Wireless

Programming adapter/cable

Fitting set

Pure 312 X

7X/5X/3X



New!

S 45/108 dB  
M 60/119 dB  
P 70/124 dB  
HP 75/130 dB

7X - 48/20

5X - 32/16

3X - 24/12

6

13

16

24

28

28

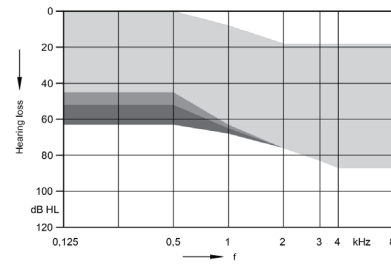
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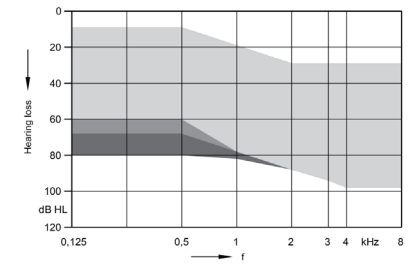
miniReceiver 2.0

### S-Receiver



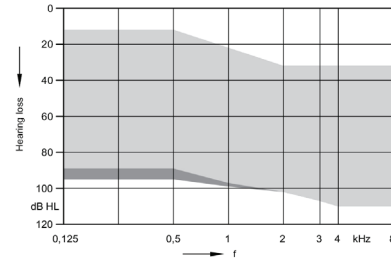
Open Click Domes  
Double Click Domes  
Click Mold (no vent)

### M-Receiver



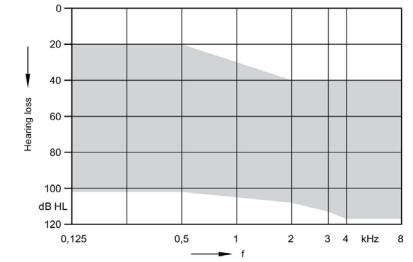
Open Click Domes  
Double Click Domes  
Click Mold (no vent)

### P-Receiver



Double Click Domes  
Click Mold (no vent)

### HP-Receiver



Custom Shell (no vent)



(13) Ultra HD e2e with binaural audio signal processing

(16) To be activated via rocker switch, Signia App or miniPocket

(24) Programmable via Connexx

(28) Via direct streaming with compatible Bluetooth devices

NEW  
Rose Gold

(Actual size)



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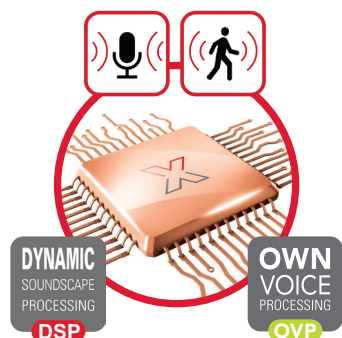
1 Høydal, E. H. (2017). A new own voice processing system for optimizing communication. Hearing Review, 24(11), 20-22. Further details: [www.signia-pro.com/ovp-study](http://www.signia-pro.com/ovp-study).

2 Froehlich M, Freels K, Powers T. (2015). Speech recognition benefit obtained from binaural beamforming hearing aids: comparison to omnidirectional and individuals with normal hearing AudiologyOnline, Article 14338. Retrieved from <http://www.audiologyonline.com>

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# Pure<sup>®</sup> Charge&Go X.

The ultimate rechargeable RIC.



AVAILABLE  
LATE FALL  
2019



**NEW Inductive Charger** –  
Dehumidifies, fits custom  
molds, and is backwards  
compatible with all  
Signia Li-ion inductive  
charging hearing aids

## Key features

- Most natural own voice<sup>1</sup> and best speech understanding in noise<sup>2</sup>
- Long-lasting, high-quality audio streaming
- Ultra HD e2e and Bluetooth<sup>®</sup> connectivity



Signia App ready

- TeleCare
- Remote control
- Connectivity & streaming

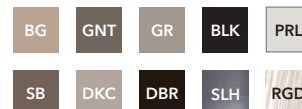


Equipped with Bluetooth



Rechargeable

## Available colors



## HIGHLIGHTS:

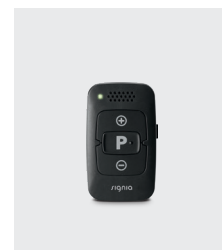
- Advanced, high-tech Bluetooth streaming of music, phone calls, and TV
- 16% smaller hearing aid design
- 20% increased battery capacity
- New rocker switch
- Available in 2 new colors
- Automatic on/off functionality with charger



**StreamLine TV**  
With StreamLine TV, the  
TV signal is directly  
streamed into Pure  
Charge&Go X hearing aids.



**StreamLine Mic**  
The StreamLine Mic  
enables hands-free audio  
streaming (phone calls,  
music, etc.) from any device  
with Bluetooth connectivity.



**miniPocket**  
Compatible with  
the miniPocket for  
patients to control  
without the app.

## Performance levels

7X

5X

3X

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e2e wireless

Direct streaming

TwinPhone

TeleCare

Tinnitus therapies

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Volume control

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T-coil

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Programming adapter/cable

Fitting set

Pure Charge&Go X

7X/5X/3X

New!



S 45/108 dB  
M 60/119 dB  
P 70/124 dB  
HP 75/130 dB

Lithium-ion power cell

7X - 48/20  
5X - 32/16  
3X - 24/12

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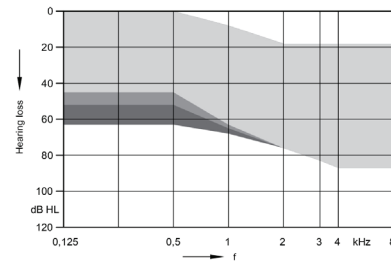
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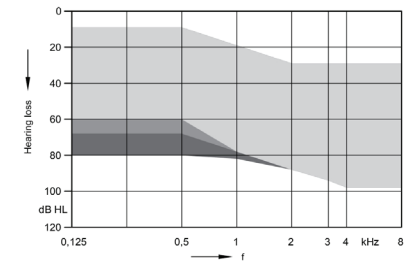
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### S-Receiver



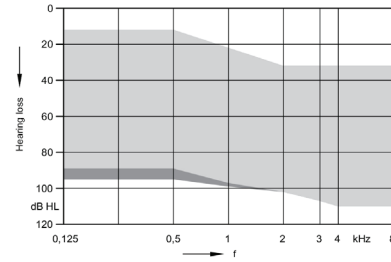
Open Click Domes  
Double Click Domes  
Click Mold (no vent)

### M-Receiver



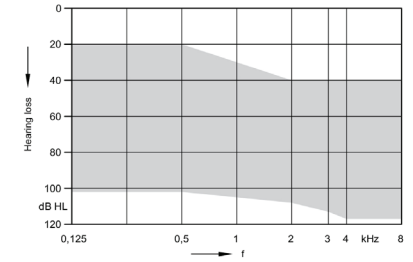
Open Click Domes  
Double Click Domes  
Click Mold (no vent)

### P-Receiver



Double Click Domes  
Click Mold (no vent)

### HP-Receiver



Custom Shell (no vent)



NEW  
Silver

(Actual size)



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1 Haydal, E. H. (2017). A new own voice processing system for optimizing communication. Hearing Review, 24(11), 20-22. Further details: [www.signia-pro.com/ovp-study](http://www.signia-pro.com/ovp-study).

2 Froehlich M, Freels K, Powers T. (2015). Speech recognition benefit obtained from binaural beamforming hearing aids: comparison to omnidirectional and individuals with normal hearing. AudiologyOnline, Article 14338. Retrieved from <http://www.audiologyonline.com>

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| Signia Xperience platform features |  |  |               |               |
|------------------------------------|--|--|---------------|---------------|
| Features                           | Information  | Performance Levels                         |               |               |
|                                    |  | 7X   | 5X            | 3X            |
| YourSound Technology               | Redesigned acoustic sensors plus an integrated motion sensor provide detailed information about where the wearers are and what they are doing. Dynamic Soundscape Processing and Own Voice Processing (OVP™), process this information delivering the most natural and personalized sound. | • • • • •                                  | • • • • •     | • • • • •     |
| Acoustic Sensors                   | The redesigned acoustic sensors can detect more variables of sound than ever before, providing more accurate information about the environment.  | ✓  | ✓             | ✓             |
| Motion Sensor                      | An integrated motion sensor detects whether the wearer is walking, running or not. This information is used for Dynamic Soundscape Processing.   | ✓  | ✓             | ✓             |
| Dynamic Soundscape Processing      | Steers Sound Clarity and Sound Quality features for natural sound and speech in every situation from any direction, even when moving.  | • • • • •                                  | • • • • •     | • • • • •     |
| OVP™ (Own Voice Processing)        | 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.   | 48/20                                      | 32/16         | 24/12         |
| Hearing Programs                   | Number of programs configurable in Connexx   | 6  | 6             | 6             |
| Extended dynamic range             | 24 bit processing for enhanced digital encoding of soft and loud sounds.   | ✓  | ✓             | ✓             |
| Extended bandwidth                 | 12 kHz bandwidth for enhanced processing of high-frequency speech and environmental sounds.  | ✓  | -             | -             |
| EchoShield                         | Dedicated program for reverberant environments.  | ✓  | -             | -             |
| HD Music                           | Preset programs for enhanced enjoyment of non-streamed music.  | 3  | 3             | 1             |
| eWindScreen                        | Reduces the annoyance of wind noise when outdoors. Binaural e Windscreen requires e2e wirelessl link.  | ✓<br>Binaural<br>Auto in Universal program | ✓<br>Binaural | ✓<br>Monaural |
| 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.   | ✓  | ✓             | ✓             |

• • • • • = highest feature performance



|                               |  |  |
|-------------------------------|--|--|
| Speech Quality                | Speech Quality delivers improved speech understanding and communication ease in noise.   | <div><div>•••••</div><div>••••</div><div>•••</div></div>   |
| Directionality                | Directionality provides scientifically proven enhanced speech understanding in noise. Available for bilateral fittings with directional microphones and e2e wireless link.   | <div><div>✓<br/>Binaural processing<br/>Automatic / Adaptive</div><div>✓<br/>Binaural processing<br/>Automatic / Adaptive</div><div>✓<br/>Binaural processing<br/>Automatic / Adaptive</div></div>   |
| 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. Available for bilateral fittings with directional microphones and e2e wireless link.   | <div><div>✓<br/>In Universal program:<br/>automatic mic beam to the<br/>right / left / rear directions.</div><div>✓<br/>In Universal program::<br/>automatic mic beam to the<br/>rear, surround mode for side<br/>speech. In manual programs,<br/>microphone beam to the<br/>right/left/rear directions.</div><div>-</div></div> |
| TwinPhone                     | Available for bilateral fittings with e2e wireless link.   | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| 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.   | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| Wearer Interaction            | Technically inclined wearers may appreciate having extra control over their hearing aids. Signia Xperience hearing aids offer these wearers a comprehensive range of adjustment options via the Signia App.  | <div><div>•••••</div><div>•••••</div><div>••••</div></div>   |
| 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.  | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| Spatial Configurator          | Spatial Configurator is part of the Signia App and allows the wearer to adjust the direction of the microphone beam.   | <div><div>✓</div><div>✓</div><div>-</div></div>  |
| Adaptive Streaming Volume     | Speech intelligibility weighted adaptation of the streaming volume depending on ambient noise.   | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| Direct Streaming              | Signia Xperience hearing aids can be connected directly to Apple devices for phone calls and audio streaming - without additional accessories. For Android devices the StreamLine Mic accessory makes streaming easy. The StreamLine TV accessory sends high quality stereo sound from the wearer's TV directly to the Xperience hearing aids. Available for Bluetooth hearing aids. | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| Made for iPhone               | Direct audio streaming from compatible iOS devices to Bluetooth enabled Xperience hearing aids.  | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| StreamLine TV accessory       | Stream high quality stereo sound directly from a TV to Bluetooth equipped Xperience hearing aids.  | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| 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 Xperience hearing aids.  | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| 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.  | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| Notched Amplification Therapy | Innovative tinnitus therapy delivered via everyday amplification.  | <div><div>✓</div><div>✓</div><div>✓</div></div>  |
| Tinnitus noise therapy signal | A set of fully configurable stationary noise signals and the modulated ocean wave sounds   | <div><div>✓</div><div>✓</div><div>✓</div></div>  |

••••• = highest feature performance

|                                  |   |   |   |   |
|----------------------------------|---|---|---|---|
| Fitting                          | Connex fitting software offers a number of advanced tools to suit every Hearing Care Professional's workflow.   | ✓ | ✓ | ✓ |
| 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 the patients., In addition, the 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.  | ✓ | ✓ | ✓ |
| Signia App                       | The Signia App provides TeleCare specific functionalities like Hearing Lessons, Daily Satisfaction Ratings, Tutorials and FAQs.   | ✓ | ✓ | ✓ |