

# Phonak Infinio: Unlock a world of possibilities.







At Phonak, we believe in changing lives and creating a world where life is on for everyone. For over 75 years, Phonak has focused on what matters to you: improving speech understanding for your clients. We push the limits of hearing technology through innovation, including in the artificial intelligence (AI) field for over 24 years. Our Swiss-engineered hearing solutions empower your clients to connect socially, thrive mentally and emotionally, and ultimately, enjoy a greater state of well-being.

With Phonak Infinio, we're launching our most revolutionary platform yet. Our cutting-edge solutions take on the biggest challenges in hearing care to help people with hearing loss embrace life's meaningful moments with joy and confidence. Clients with mild to profound hearing loss can enjoy an Infinio solution, with three distinct RIC products: Phonak Audéo Sphere™, Phonak Audéo™ R and Phonak CROS.

**Let's unlock a world of possibilities together.**

# Introducing ERA, our new, ultra-responsive chip for Infinio



Digital Sound Processing

Connectivity

Power Management

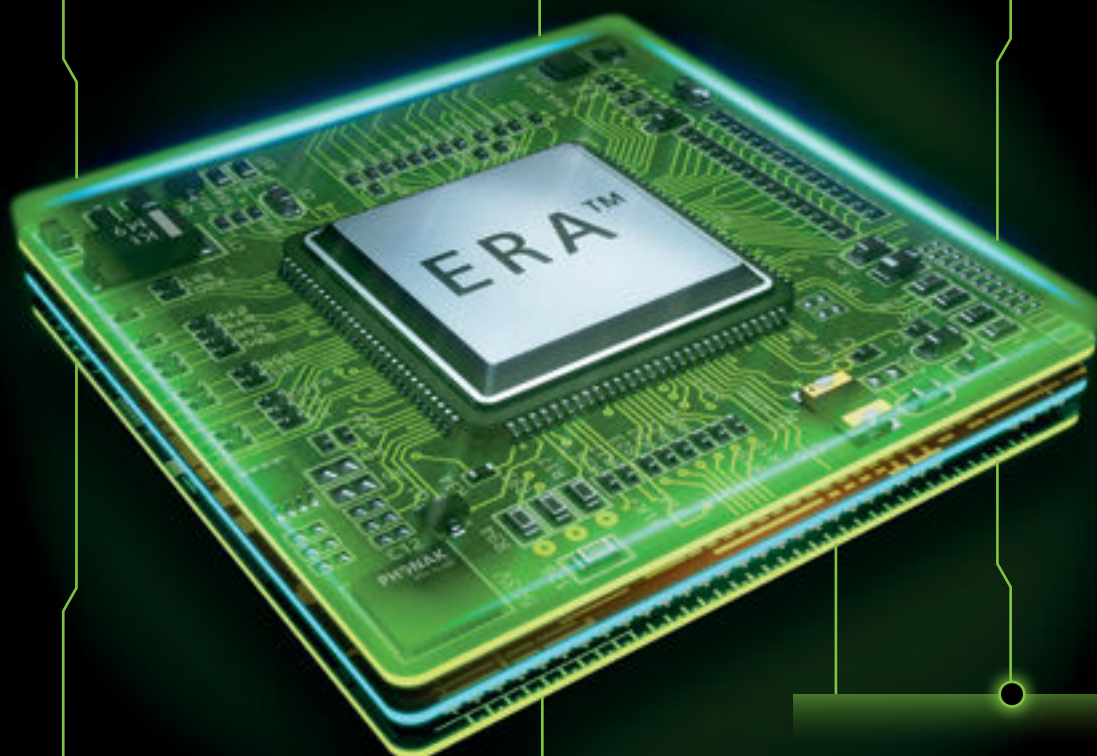


**A true powerhouse**

- >550 million operations per second
- 74% more RAM for faster processing
- >145 million transistors
- Full-day runtime

**Up to 6x more wireless transmission power for more stable Bluetooth® connections**

**The new ERA chip is Auracast™ ready**



**A new level of digital signal processing** for exceptional sound quality with up to 6dB SNR benefit in noise

**Industry-leading universal connectivity** for instant compatibility with all Bluetooth enabled devices

**Shifts seamlessly between acoustic and streaming**

**Provides uninterrupted hands-free calls and streaming up to 2x the distance**

# Our innovative Infinio solutions

## Phonak Audéo™ R Infinio

Makes life sound extraordinary



Performance levels:  
90, 70, 50, 30

### Highlights:

- Exceptional sound quality from the first moment
- Designed for reliability and durability, proven to withstand the challenges of everyday life
- New, powerful, ultra-responsive ERA chip provides uninterrupted hands-free calls and streaming
- Further improved, market-leading, universal connectivity

### Key features\*:

- AutoSense OS™ 6.0
- APD 3.0
- Phonak SmartSpeech™ Technology
- StereoZoom 2.0
- SpeechSensor
- Motion Sensor Hearing
- Dynamic Noise Cancellation
- Speech Enhancer
- Tap Control
- RogerDirect™
- Speech in Car
- SoundRelax
- SoundRecover2
- WindBlock
- Health functionalities
- CROS compatibility

### Colours:



### Compatible chargers:



Phonak ChargerGo  
RIC Infinio



Phonak Charger  
RIC Infinio

\* Refer to the product information document for details on feature availability at different performance levels

# Phonak Audéo Sphere™ Infinio

Delivers unprecedented speech clarity



Performance levels:  
90, 70

## Highlights:

- The world's first hearing aid with a dedicated AI chip for sound processing — powering Spheric Speech Clarity
- Instant speech separation from noise in any direction — with an unprecedented 10dB SNR improvement<sup>1</sup>
- Double the chance of understanding speech from any direction with Spheric Speech Clarity<sup>2</sup>
- 97% of HCPs believe in their patients' preference for Audéo Sphere over other hearing solutions<sup>3</sup>
- Featuring all the benefits of Audéo R Infinio

## Key features\*:

- Spheric Speech Clarity
- AutoSense OS 6.0
- APD 3.0
- Phonak SmartSpeech Technology
- StereoZoom 2.0
- SpeechSensor
- Motion Sensor Hearing
- Dynamic Noise Cancellation
- Speech Enhancer
- Tap Control
- RogerDirect
- Speech in Car
- SoundRelax
- SoundRecover2
- WindBlock
- Health functionalities

## Colours:



\* Refer to the product information document for details on feature availability at different performance levels

1 Raufer, S., Kohlauer, P., Jehle, F., Kühnel, V., Preuss, M., Hobi, S. (2024). Spheric Speech Clarity proven to outperform three key competitors for clear speech in noise. Phonak Field Study News retrieved from <https://www.phonak.com/evidence>

2 Wright, A., et al "Spheric Speech Clarity applies DNN signal processing to significantly improve speech understanding from any direction and reduce the listening effort." Phonak Field Study News in preparation expected August 2024

3 Sonova proprietary research (2024) Project ID #4537, n=104, please contact [marketinsight@phonak.com](mailto:marketinsight@phonak.com) if you are interested in further information.

## Compatible charger:



Phonak ChargerGo  
RIC Sphere Infinio

## Phonak CROS Infinio

For those with unaidable hearing loss in one ear



CROS Infinio combined with Audéo R Infinio offers the following highlights:

- All the features of Audéo R Infinio
- Increased battery run time to last a full day of use\*

### Key features\*\*:

- CROS balance
- CROS mute
- Control through myPhonak
- All features of Audéo Infinio
- CROS and BiCROS options

### Colours:



### Compatible chargers:



Phonak ChargerGo  
RIC Infinio



Phonak Charger  
RIC Infinio

\* >16h

\*\* Refer to the product information document for details on feature availability at different performance levels



# Phonak Virto™ Infinio

The next era of personalised hearing solutions



10 NW 0    Titanium

Performance levels:  
90, 70, 50\*\*\*, 30\*\*\*

### Highlights:

- World's first custom instrument with Phonak SmartSpeech Technology
- Meticulously crafted to make the first fit the right fit
- Discreet solutions that embody the hallmarks of unmatched comfort and performance of Phonak
- Virto Titanium Infinio and Virto 10 NW 0 Infinio use size 10 battery

### Key features\*:

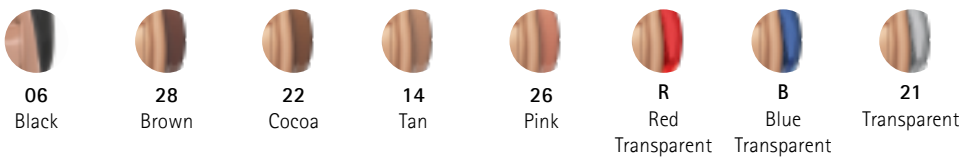
- AutoSense OS 6.0
- APD 3.0
- Phonak SmartSpeech Technology
- Speech Enhancer
- SoundRelax
- SoundRecover2
- WindBlock
- IP68

### Colours:

Faceplate colours



Acrylic shell colors



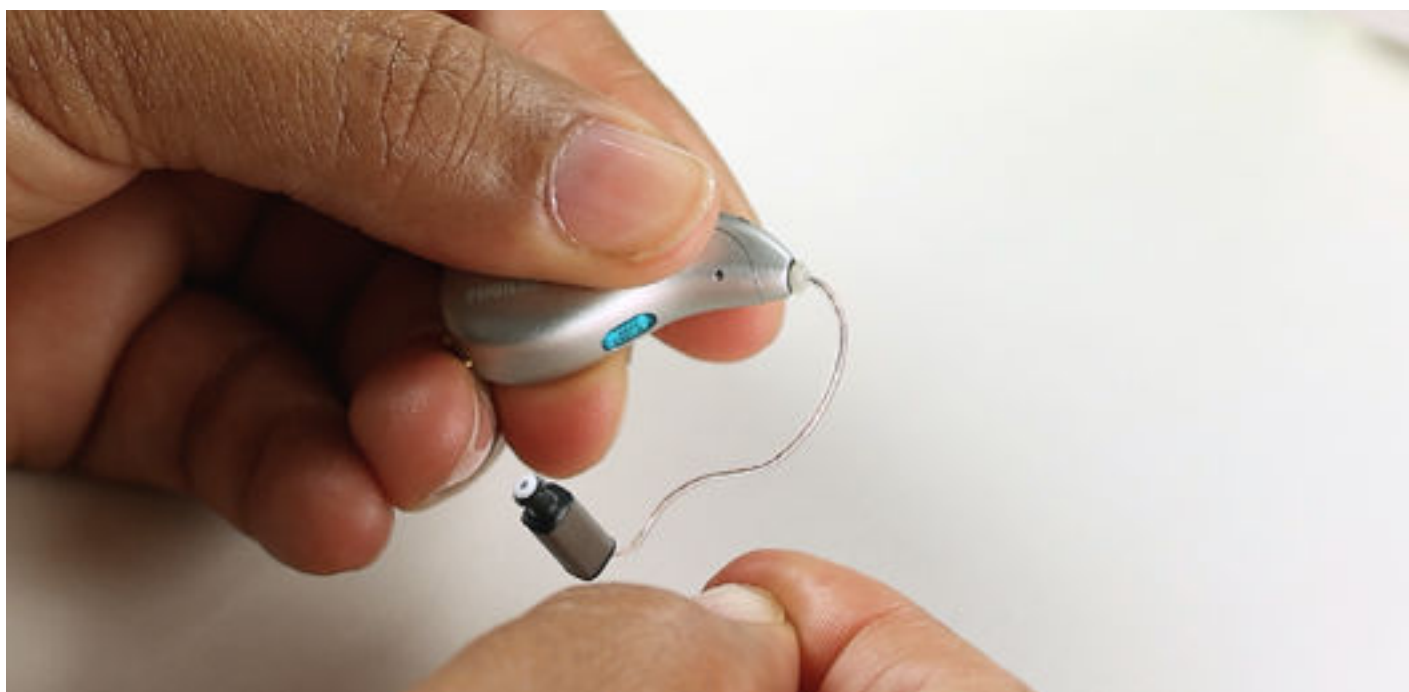
\* Refer to the product information document for details on feature availability at different performance levels  
\*\* Virto I-10 NW 0 only  
\*\*\* Virto Infinio Titanium available in 90 and 70 performance levels only

# Sound Delivery System 6.0 (SDS 6.0)

Building upon proven receiver technology and earpiece portfolio, SDS 6.0 sets the foundation for reliable acoustic coupling with Audéo Infinio devices.

- New UP receiver with increased frequency bandwidth
- Length 00 to accommodate even more clients' ears
- New connector system for tool-free receiver exchange
- CeruStop wax filter

CeruStop and receiver handling tools



# Charging solutions

When our rechargeable lithium-ion technology is done delivering a full day\* of hearing and streaming, your clients can experience hassle-free charging of their hearing aids, thanks to our lineup of chargers.



## Phonak ChargerGo RIC Sphere Infinio & Phonak ChargerGo RIC Infinio

- One version for Audéo Sphere Infinio
- One version for Audéo R Infinio and CROS Infinio
- Charging on the go for optimal convenience and peace of mind
- Magnetic retention of HIs and magnetic closure of the lid



## Phonak Charger RIC Infinio

- For Audéo R Infinio and CROS Infinio
- Cable charging
- Magnetic retention of HIs and magnetic closure of the lid

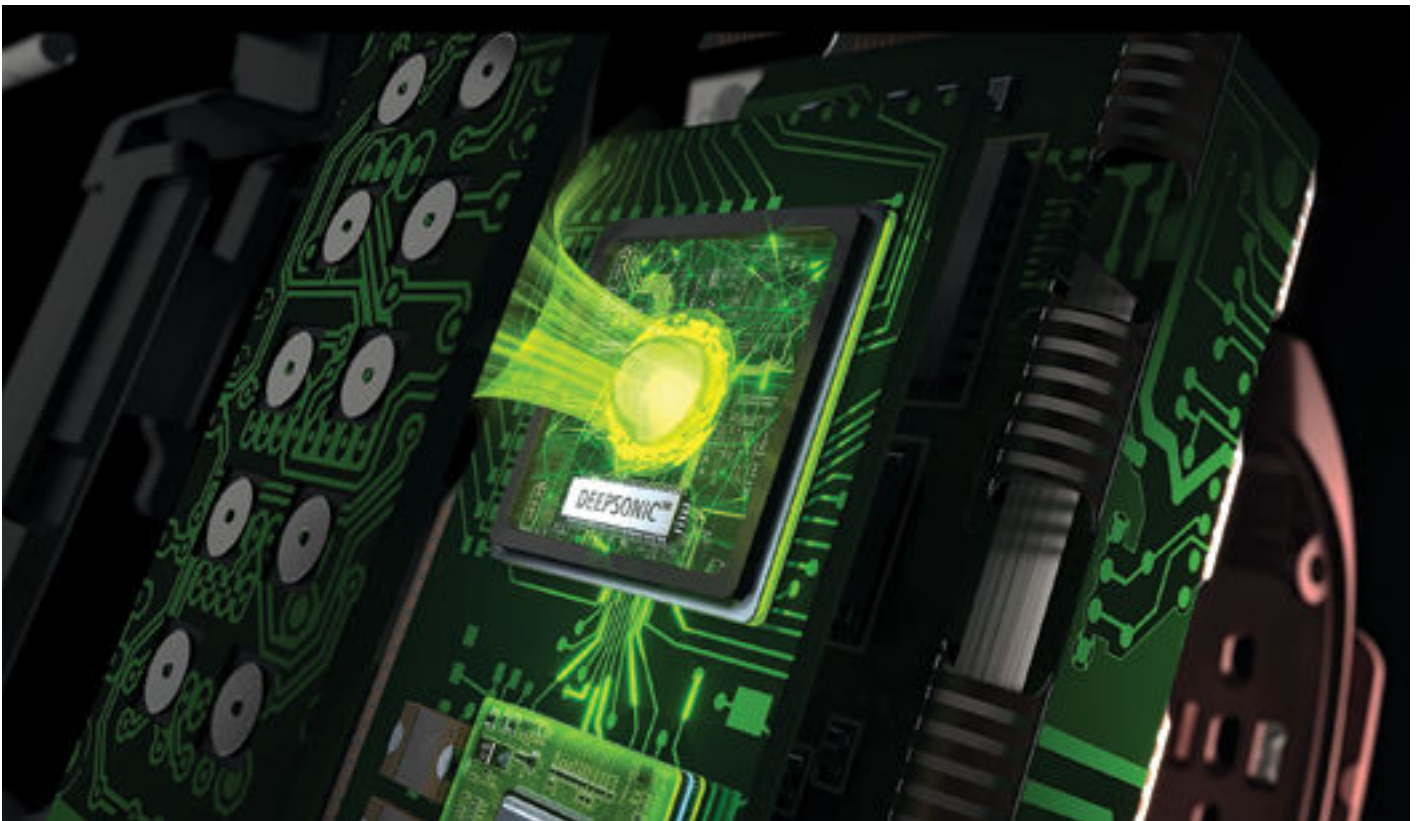
\* 16hrs of battery on a single charge, including 8hrs of everyday listening, 4hrs of Bluetooth streaming and 4 hours of TV streaming.

# Introducing DEEPSONIC™:

## The future with a Deep Neural Network

Deep Sound Optimised Neural Integrated Chip (DEEPSONIC) is the world's first proprietary DNN sound processing chip in a hearing aid. It has 53x more processing power compared to current industry chip technology\* to enable a DNN with 4.5 Mio neural connections to truly separate speech from noise, from any direction.

Until now, current DNN solutions have been limited due to their operating power. Phonak has solved that problem, thanks to the combination of our new ultra-responsive chip, ERA, and our AI chip, DEEPSONIC. With this combination, we can solve the biggest challenge remaining to your clients by effectively prioritising speech over noise.



\* At time of launch.

\*\* Raufer, S., Kohlhauer, P., Jehle, F., Kühnel, V., Preuss, M., Hobi, S. (2024). Spheric Speech Clarity proven to outperform three key competitors for clear speech in noise. Phonak Field Study News retrieved from <https://www.phonak.com/evidence>



53x more processing power compared to current industry chip technology\*

- Trained with 22 million sound samples
- 7,700 million operations per second
- 15x more memory
- Size: 4.08mm x 3.19mm
- 420 million transistors

It enables 4.5 Mio Neural connections to effectively separate speech from noise in all directions

Instant acoustic sphere expansion, in all directions to excel in the noisiest places with multiple speakers talking at the same time



Unparalleled De-Noising: 10dB\*\* enhancement in Signal-to-Noise Ratio (SNR) in complex group conversations

Unparalleled speech clarity and effortless hearing. It separates unwanted noise from speech, delivering a level of clean and clear speech far beyond any existing technology

Our proprietary DNN has a "human touch," while speech and noise separation is very technical; its outcome is designed to "please the human listener"

# Spheric Speech Clarity – for clear speech from any direction

For the first time in the industry, Phonak is applying artificial intelligence and deep neural networks to sound processing. The benefit? Your clients are up to 3x more likely to understand every word from any direction compared to two leading competitors<sup>\*4</sup>

Phonak Audéo Sphere™ Infinio is the only device with Spheric Speech Clarity:

- Clients can navigate even louder environments without an increase in listening effort<sup>\*\*4</sup>
- It instantly separates unwanted noise, delivering a level of clean and clear speech far beyond any existing technology
- Significantly improves speech understanding with Spheric Speech Clarity compared to two leading competitor devices<sup>4</sup>
- With an unprecedented 10dB SNR improvement, your clients can catch conversations from any angle<sup>5</sup>



Scan to hear Audéo Sphere Infinio

<sup>\*</sup> compared to without, for moderate to moderately-severe hearing losses

<sup>\*\*</sup> according to SII (ANSI S3.5, 1997)

<sup>4</sup> Wright, A., Kuehnle, V., Keller, M., Seitz-Paquette, K., Latzel, M. (2024). "Spheric Speech Clarity applies DNN signal processing to significantly improve speech understanding from any direction and reduce the listening effort." Phonak Field Study News retrieved from <https://www.phonak.com/evidence>

<sup>5</sup> Rauffer, S., Kohlhauser, P., Jehle, F., Kühnel, V., Preuss, M., Hobi, S. (2024). Spheric Speech Clarity proven to outperform three key competitors for clear speech in noise. Phonak Field Study News retrieved from <https://www.phonak.com/evidence>





# Exceptional sound quality from the first moment

We understand the value of a first impression. The moment a client comes into your clinic and hears with their new devices, it can be a transformative experience. Having a great first fit can go a long way for client acceptance of the device.

But it's not just about the first time they hear in your clinic, but also the first time they use them in their everyday life – at home, with family, friends or at work. Infinio has been designed to ensure that every first moment is infused with exceptional sound quality.

For your clients, this means a great listening experience. For you, it means spending quality time with your clients. With Infinio, you can be confident that your clients will receive exceptional sound quality from the first moment.

93% of consumers preferred  
Infinio first fit compared to  
a leading competitor device<sup>6</sup>







## How do we deliver exceptional sound from the very start?



**Ultra-responsive ERA chip** brings a new level of digital sound processing with up to 6dB SNR improvement in noise, and allows consumers to feel 21% less fatigue at the end of the day<sup>7</sup>



**Adaptive Phonak Digital 3.0 (APD 3.0)** has been designed around a pioneering audiological model for a first fit that delivers on comfort. Preferred by 93% of clients compared to a leading competitor device<sup>6</sup>



**AI Dome Proposer** has been trained by AI and real-world data to bring a new level of intelligence to the recommended dome in order to set your fittings up for success



**AutoSense OS™ 6.0** together with **SmartSpeech Technology** can boost speech understanding by up to 61%\*<sup>8</sup> and reducing listening effort by up to 45%\*\*<sup>9</sup>



**Motion Sensor Hearing** adjusts to unique sound environments and movements automatically\*\*\*

\* Adults with sensorineural hearing loss using Roger Select with a compatible hearing aid or cochlear implant compared to hearing aid or cochlear implant alone tested in a simulated noisy restaurant setting

\*\* In quiet listening situation for adult hearing impaired subjects with moderate to severe hearing loss

\*\*\* Only available for rechargeable models

6 Stewart, E., Adler, M., Seitz-Paquette, K., "Adaptive Phonak Digital (APD) 3.0 is the preferred first fit compared to a leading competitor device". Phonak Field Study News retrieved from <https://www.phonak.com/evidence>

7 Latzel, M, Heeren, J and Lesimple, C.(2024) "Speech Enhancer reduces listening effort and fatigue." phonak Field Study News retrieved from [www.phonak.com/evidence](https://www.phonak.com/evidence)

8 Thibodeau L. M. (2020). Benefits in Speech Recognition in Noise with Remote Wireless Microphones in Group Settings. Journal of the American Academy of Audiology, 31(6), 404–411. <https://doi.org/10.3766/jaaa.19060>

9 Appleton-Huber, J et al "Speech Enhancer reduces listening effort of speech from adjacent room." Phonak Field Study News in preparation expected July 2024

# Market-leading connectivity takes a giant leap forward

In the modern world, having seamless connectivity with the digital world is more than just a nice benefit, it's a necessity. With Infinio, your clients can enjoy market-leading universal connectivity, with instant compatibility to iOS and Android smartphones, and other Bluetooth® enabled devices.

Clients can effortlessly shift between acoustic and streaming, ensuring not a beat or a word slips by. And with our new, powerful, ultra-responsive ERA chip, clients can experience **uninterrupted hands-free calls and streaming across 2x the distance**. Bridge the gap between offline and online and help clients engage in their world, their way.

- Pair up to 8 Bluetooth® devices, with the flexibility to have 2 simultaneously connected
- 6 times more wireless transmission power for more stable Bluetooth connection
- RogerDirect™ for a seamless connection to Roger™ microphones without additional hardware



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Sonova AG is under license.

iOS is a registered trademark or trademark of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

Android is a trademark of Google LLC.



# Tested. Reliable. Proven.

What good is a hearing solution if it can't hold up to the challenges of everyday life? We have an unwavering belief that when a client chooses a Phonak hearing solution, it should perform in all situations.

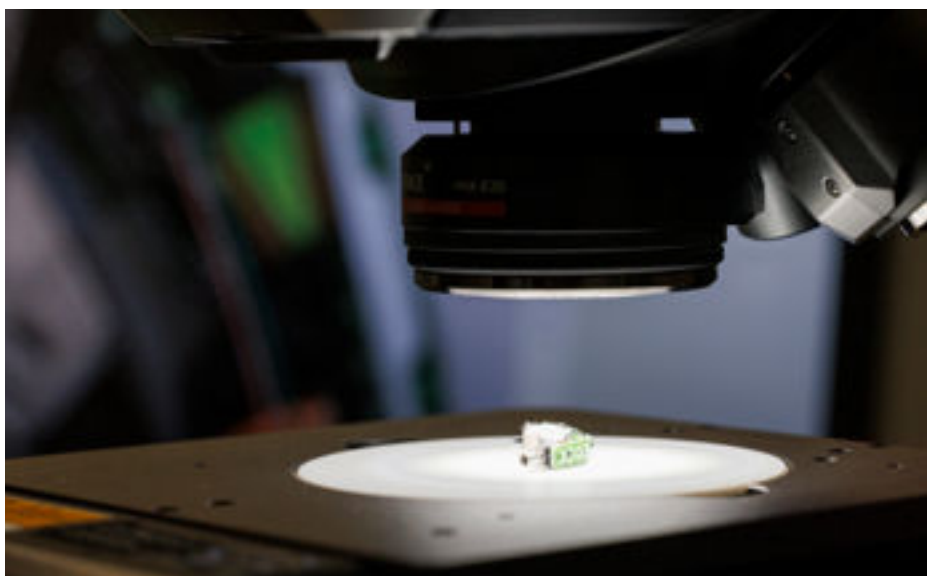
To ensure this, our commitment to durability goes beyond industry standards. We set new benchmarks so clients can experience ultimate peace of mind. Our entire ecosystem has been designed, engineered and tested with extreme precision.

- Over 10,000 hours and 135 individual stringent tests<sup>10</sup>
- Infinio RIC devices tested well past IP68, ensuring a durable solution
- Parylene coatings and precision designed housing with minimal entry points resulting in extreme protection for prolonged lifespan and consistent performance, for Audéo and CROS devices

Water resistant and sweatproof technology is now a standard offer across the whole Phonak RIC Infinio range

## What does all this mean?

You can feel confident that our devices are designed to endure wherever your clients' life takes them, whether being caught in the rain, a good workout or on their next vacation. This commitment to durability translates in our aim to reach an impressive 30% longevity increase as well as minimising maintenance support. Feel confident that when you fit your client with an Infinio device, it has been tested beyond industry standards.



<sup>10</sup> Sonova applies the 135 individual stringent tests to all our products.



# A personalised fit for you and your clients

Experience the power of personalisation with Phonak Infinio devices. From the fully customised option of Phonak Virto™, with devices tailor-made for your clients, to Phonak Audéo™ devices, where our cutting-edge solutions are designed to seamlessly blend with the natural ear anatomy.

- Meticulously crafted to give clients unparalleled fit and comfort
- Biometric Calibration — uses machine learning to analyse over 1600 data points from the scan of the client's ear impression
- AOV — Acoustically Optimised Vent — calculates the best vent possible based on the ear impression. The AOV is available for Virto devices and RIC devices with custom tips
- Industry-leading ordering and servicing processes — means making more clients happier faster



# Unlock more meaningful connections with Roger

Roger is an intelligent, wireless technology that transmits speech directly to hearing aids via RogerDirect™, helping to overcome distance and noise. Functioning like a third ear, Roger microphones allow people with hearing loss to learn, work and socialise more easily – a big step towards more inclusive societies and greater personal well-being. They help clients bridge the understanding gap in the far-field and enhance the signal-to-noise ratio (SNR) by:

- Overcoming distance between the listener and the sound source
- Utilising its beamformer to optimise the SNR at the sound source
- Adaptively mixing the wireless microphone signal with the ear-level microphone signal of the hearing aid, increasing the gain of the Roger receiver in higher ambient noise levels.

Speech understanding improves up to 61% in group conversations in loud noise compared to hearing aids alone.<sup>11</sup>



## Get ready for a game changer

The latest Roger generation\* introduces Roger Unlimited and breaks the barrier of cumbersome receiver installations. Having unlimited receivers means there is now no need to uninstall receivers from hearing aids or worry about re-ordering when a hearing aid is lost or replaced. Roger Unlimited brings an effortless way of setup so that you can focus on what truly matters: seamless and meaningful connections.

- Save time installing receivers
- No need for additional hardware
- No need to uninstall receivers

## New with Roger On™

Roger On is a six-time, award-winning microphone for product design and innovation. It's designed for everyday use and allows different microphone modes to focus on conversations in noise and over distance.

New features include:



**Stereo wide pointing mode\*\*** to hear a group of people or a moving person in the front half of the room.



**SmartMute** allows the use of hearing aids in AutoSense OS, while Roger On is muted.



**Scratch resistant layer** for durability and client peace of mind

90% of Roger users would recommend Roger to their friends and family<sup>12</sup>

## Roger microphones



Roger On



Roger Select™



Roger Table Mic



Roger Touchscreen Mic

\* Depending on market availability

\*\* Works with binaural hearing aids with RogerDirect. Available as a backwards compatible firmware upgrade

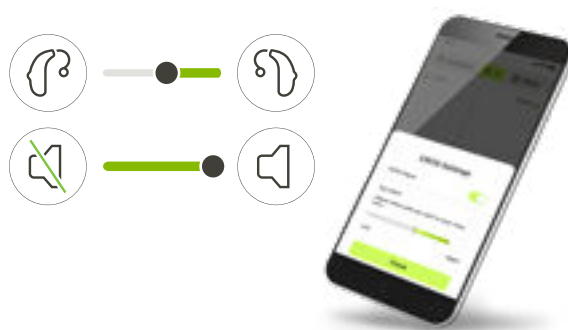
11 Thibodeau L. M. (2020). Benefits in Speech Recognition in Noise with Remote Wireless Microphones in Group Settings. Journal of the American Academy of Audiology, 31(6), 404–411. <https://doi.org/10.3766/jaaa.19060>

12 Sonova proprietary research (2019). Project ID #1299. Please contact [marketinsight@phonak.com](mailto:marketinsight@phonak.com) if you are interested in further information.)

# myPhonak

Highly rated by thousands of users! Packed with features and unique personalisation options, myPhonak is a free, easy-to-use smartphone app allowing your clients to take control of their hearing aids.

- 100,000 consumers have spoken — myPhonak app is rated "excellent" with 4.4 stars out of 5
- Infinio users can now locate their hearing aids with Find My Hearing Aids\*
- Personalise listening experience in any situations
- CROS users can adjust the balance and mute CROS microphone while out on the go\*



\* Available in myPhonak 6.9.0 and newer





# What is new in Target 10?

Phonak Target fitting software is designed to support your fitting success. Designed for ease of use so that you can offer your clients a positive and efficient fitting experience.



Soft Speech Enhancer enabled for first-time users



New AI Dome Proposer for more accurate fittings



New items easily accessible within the fitting session to keep you up to date with Target improvements



Fitting elements support your individual workflow, so you can prioritise client needs



The strength of Spheric Speech Clarity is based on acoustic coupling selection



Target Demonstrator updated to highlight benefits of Audéo Sphere Infinio



● Let's unlock a world of possibilities together



**Ready to elevate your practice with Phonak Infinio? The new portfolio not only enhances the premium positioning of your business but also ensures increased client success and satisfaction.**

Our dedicated Phonak Business Services are here to support you every step of the way. We will help you identify and attract new clients and provide you with effective product support whenever you need it. And our track & trace option ensures a smooth customer experience. With Phonak Infinio, you're not just investing in a product, but a partnership dedicated to your success.



# life is on

Since 1947, Phonak is dedicated to preserving life quality by opening new acoustic worlds. Already back then, in the days of our foundation, our company was driven by a formative conviction: We believe that well-hearing equates to well-being and thus is essential for living life to the fullest. In fact, the sense of hearing is directly linked to social, emotional, cognitive and physical well-being. Today as in future, we thrive to offer the broadest portfolio of innovative hearing solutions. And, together with our hearing care professionals, we keep on focusing on what matters most: improving speech understanding, changing people's lives and having a positive effect on society as a whole.

[phonak.com](https://phonak.com)