

Phonak Belong[™]

When your hearing aids adapt to every sound automatically, life is on



Together, we change lives

Models and colours











Rechargeable models











Bolero B-M









Virto B-Titanium

Titanium Grey



All water and dust resistant IP68

Phonak Belong platform with new rechargeable technology and innovations to simplify life

The Phonak Belong platform is created to simplify your clients' lives. It features new rechargeable hearing aids with a groundbreaking built-in lithium-ion battery technology. The new AutoSense OS™ further increases overall performance and sound quality. In addition, the Belong family now includes a super discreet custom hearing aid made from titanium.



Bolero B-PR with T-Co

Groundbreaking rechargeable technology

- 24 hours* of hearing with one simple charge
- The quickest charging rechargeable hearing aids ever¹
- Easy handling, no more hassles of disposable batteries

High-tech titanium custom hearing aids

- The smallest Phonak custom hearing aids ever²
- Made from medical grade titanium
- Sophisticated 3D printing technology
- 64% increased IIC fit rate²

New AutoSense OS

- Unmatched hearing performance in everyday listening situations³
- Fully automatic operation that delivers better speech understanding over clients' manual selection^{4,5}
- Better hearing performance and more comfort for asymmetrical hearing losses^{6,7}

When you can enjoy 24 hours* of hearing with one simple charge, life is on

Phonak Audéo™ B-R and Bolero™ B-PR are the first ever hearing aids to feature specifically designed built-in lithiumion rechargeable batteries that provides 24 hours* of hearing with one simple charge.

They combine our latest high-performance technology with groundbreaking battery technology.

Free your clients from the hassles of disposable batteries that are small and difficult to handle. Now they can enjoy the freedom and confidence of knowing that their hearing aids are conveniently charged and ready to take them through long days... and nights, if necessary.

^{*} Expected results when fully charged, and up to 80 minutes wireless streaming time. Please refer to www.phonakpro.com/evidence

Discover the broadest portfolio of rechargeable hearing aids

The success of Phonak Audéo B-R is now followed by Bolero B-PR

To complement the Audéo B RIC family we introduce Phonak Bolero B – the latest addition to our portfolio. The BTE product line includes a fully featured rechargeable hearing aid, Phonak Bolero B-PR, designed to meet the needs of even more of your clients.



The quickest charging rechargeable hearing aids ever

With **40% more power** than conventional rechargeable batteries, **lithium-ion** is reliable and capable of supporting the superior technology and performance of Audéo B-R and Bolero B-PR.

Additionally, lithium-ion batteries are quicker to charge, last longer and won't deteriorate even after years of repeated charging⁸. This enables Phonak rechargeable hearing aids to be fully charged in just 3 hours for 24 hours* of hearing, time and again.

Phonak rechargeable hearing aids come with easy-to-use smart charging options so clients can charge their hearing aids wherever they go, without having to worry about running out of power.



Phonak Charger Case

- A charger, drying kit and protective hard case all in one
- Includes a cleaning tool



Phonak Power Pack

- Easily attached to the Phonak Charger Case
- Ideal for short trips where no power source is available



Phonak Mini Charger

• Most compact charging option

High-performing technology and first-class design

Phonak Belong hearing aids showcase an all new design with IP68 rating. Additionally, with the sealed housing of Audéo B-R and Bolero B-PR there is less chance of water and dust entering the hearing aids.

By incorporating a high-tech material for Virto™ B-Titanium, we've created hearing aids that reflect our passion for innovation and ingenious engineering design that combines performance, functionality and aesthetics.



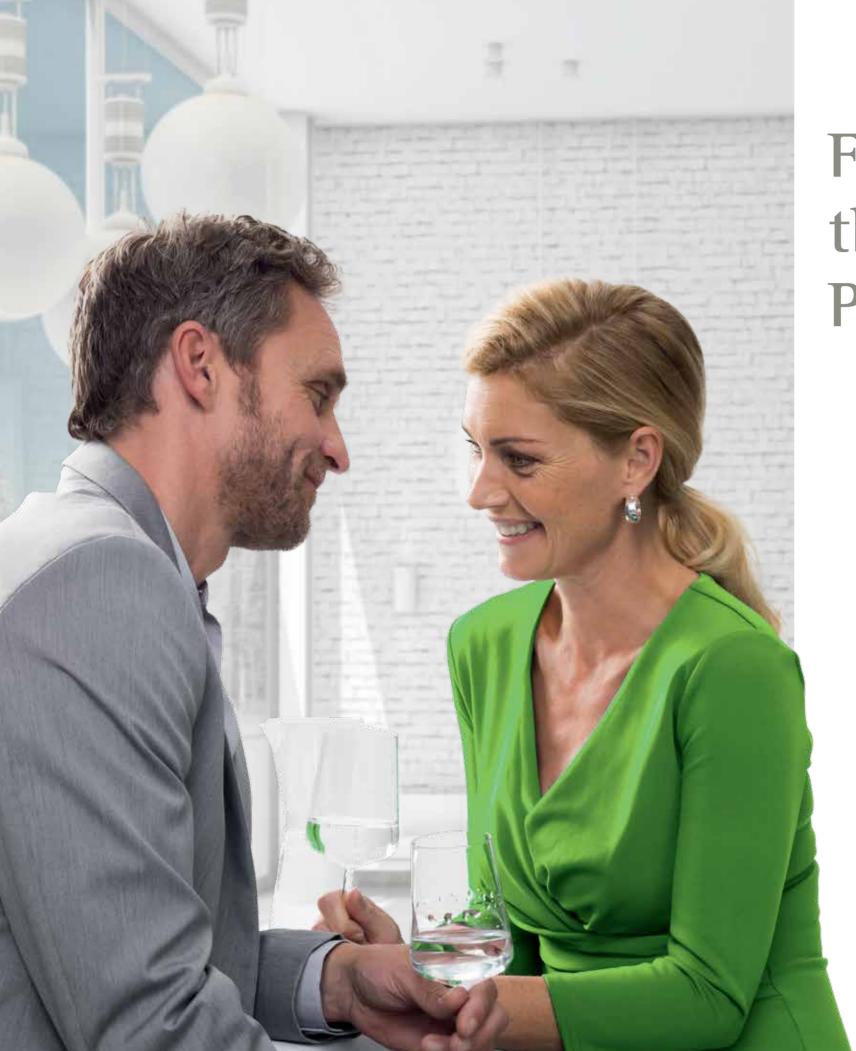


When a super discreet hearing aid is titanium strong, life is on

Titanium is renowned for its strength and durability. It is used for various premium products, high-tech sports goods, high-performance vehicles and also in the medical industry. Being 15 times stronger than acrylic, it makes it possible to build a shell as thin as 0.2 mm, which is 50% thinner than the existing shells of our custom hearing aids².

With a significantly thinner shell and 60% smaller electronic components, we are able to reduce the size of Virto B-Titanium by up to 26%.²





Feel confident with the super discreet Phonak Virto B-Titanium

Phonak Virto B-Titanium is the smallest Phonak custom hearing aid ever. With Virto B-Titanium we have achieved a 64% improvement in IIC fit rate compared to the previous generations of our smallest custom products.²

Our new design and technology offers additional fitting options. With more space available inside the hearing aid, a larger vent can be integrated, reducing occlusion for more listening comfort¹⁵. Alternatively, more space allows for the integration of a superpower receiver, resulting in an impressive 60% fit rate for IIC devices.²

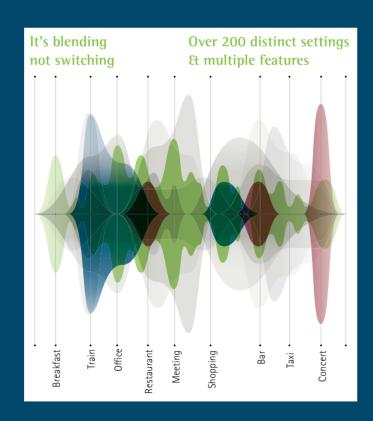
When hearing aids adapt to every sound automatically, life is on

Sound is all around and changes constantly. This is what makes listening and the task hearing aids have to perform intricate and at times challenging.

What makes Belong hearing aids so special is a unique operating system called AutoSense OS. It senses your clients' surroundings and adjusts their hearing aids every step of the way.

AutoSense OS analyzes the sounds every 0.4 seconds and draws upon multiple features. It then blends them to create over 200 distinct settings to precisely match sound environments. All this is done automatically, without any manual adjustments being made to the hearing aids.

As the most effective automatic system in everyday listening situations³, this advanced technology successfully masters complex sound environments.



New AutoSense OS the most effective automatic operating system³

Further enhanced with an innovative pre-calculation, the new AutoSense OS features the adaptive SoundRecover2 and a new way to treat expansion for better soft speech intelligibility. In addition, symmetrical gain settings for asymmetrical hearing loss provide more comfort for first-time users. These set the foundation for the new AutoSense OS and place it in a class of its own for operating systems currently available on the market.

Hearing high-frequency sounds – SoundRecover 2

As hearing loss increases, the new SoundRecover2 improves highfrequency speech audibility¹³ by utilizing its adaptive frequency **lowering algorithm** that is only applied when the level of hearing loss requires it. Sound quality of mid and low frequencies is maintained while highfrequency sounds are made audible.

Hearing guiet voices – **Expansion**

One of the main challenges with hearing aids is finding the right balance between comfort and clarity. With our expansion system we are able to individualize the amount of expansion required in the worse hearing ear. applied taking into account a client's hearing loss, their hearing aid programs and the acoustic coupling. This means maximizing soft speech intelligibility without sacrificing sound quality or comfort.6

Improved hearing comfort -Symmetrical gain

For first-time hearing aid users who have an asymmetrical hearing loss, it can sometimes feel uncomfortable having sound amplified to the level Phonak has created an algorithm that takes into account the difference in hearing between each ear. The result is it prescribes slightly less gain for the worse hearing ear at first fit and the benefit is **significantly more comfort** for the new user⁷ without compromising speech intelligibility.

Binaural VoiceStream Technology™— because two ears hear better than one

The greater the noise level, the greater the challenge. That's why AutoSense OS utilizes a technology called Binaural VoiceStream Technology.**

Binaural VoiceStream Technology is based on the fact that two ears hear better than one⁹. It streams the full audio bandwidth in real time and bidirectionally, thereby tackling challenging listening situations by simulating what the brain does with sounds from both ears. This linking of two hearing aids ensures that clients benefit from hearing speech in both ears, especially in a noisy environment¹⁰, on the phone or when they can't face the speaker. This technology also sets the foundation for the Phonak CROS solution.

More hearing performance in situations where your clients need it the most

Understand more in noise

60% improvement in speech understanding by zooming in on a single voice in a noisy environment—versus without hearing aids.¹⁰

Better speech understanding

20% better speech understanding thanks to the automatic selection of the best setting for everyday listening situations.^{4,5}

Hearing in car

37% reduction in effort when listening to conversations in car—compared to prior technology.¹¹

Hear quiet voices

10% improvement in soft speech understanding with our newest products.⁶

Natural music experience

Top rated hearing aid for music sound quality.¹²



^{**} Binaural VoiceStream Technology is available in Audéo B, B-R and Bolero B, B-PR hearing aids.

Phonak CROSB—solution for single-sided deafness

Phonak CROS B is the wireless CROS device based on Phonak Belong technology. When CROS B is fitted with an Audéo B or Bolero B hearing aid, it enables clients with single-sided deafness (SSD) to hear speech clearly and follow conversations from whatever direction they come from.

Using our unique **Binaural VoiceStream Technology**, CROS B wirelessly transfers the sound from the unaidable ear to the hearing aid on the better side.

Phonak has integrated StereoZoom, its proven and most successful binaural beamforming feature into CROS B. **StereoZoom** has the ability to create a very **narrow beamforming pattern** to focus on a single voice in a crowd. As a result it delivers much **better speech understanding in background noise**.¹⁴

The CROS B models are available in all Bolero colour options to match the colour of the hearing aid on the other ear.



Phonak Target 5.1 – simply the world's favorite fitting software 16

Automatic selection of experience level

Phonak Target automatically pre-selects the experience level for new fittings by looking at fitting session information, either in Noah or Standalone. This sets the foundation for a more individualized initial fit and leverages all the benefits of the new AutoSense OS^{TM} for your clients.

Improved acoustic coupling screen

75% of all binaural fittings are done with the same acoustic parameters for both sides. Phonak Target automatically detects when acoustic parameters are the same and automatically couples both sides together streamlining the fitting process.

TargetMatch

Available in Phonak Target, when installed in Noah, TargetMatch integrates Otometric's AURICAL freefit hardware and software. It provides a seamless step by step workflow guiding hearing care professionals through the process of probe tube placement, obtaining Real Ear and 2cc/test box measurements and automatic or manual target matching. This creates an easy and effective way of incorporating verification into the fitting process.¹⁷

Benefit demonstrator

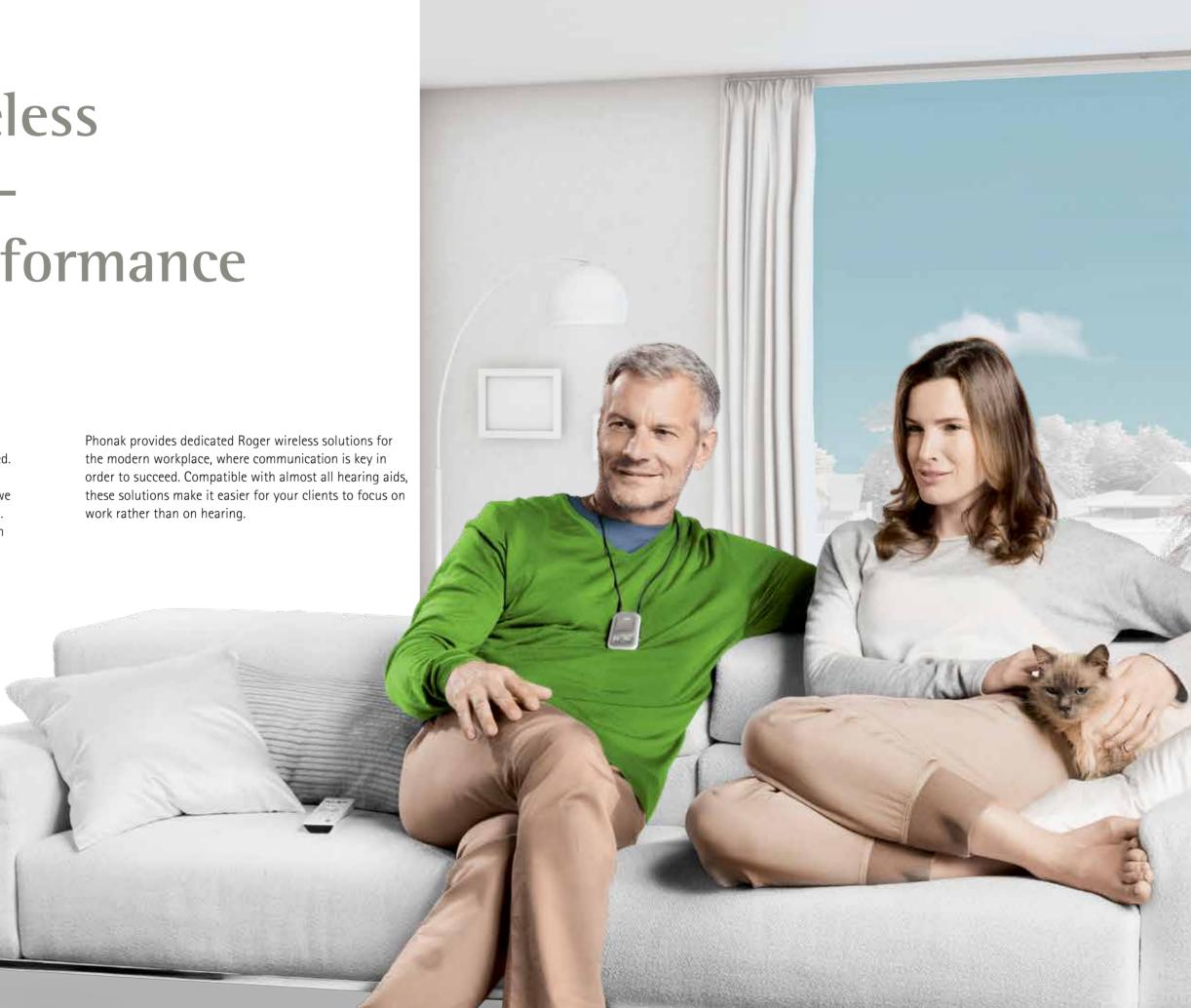
An effective counseling tool designed to allow clients and their significant others to experience hearing aids vs no hearing aids, monaural vs binaural and to compare technology levels, all through standard headphones.

Receiver check

Receiver check reduces the risk of a mismatched receiver. It crosschecks the receiver attached against what is selected in the fitting software. This ensures there is no mismatch of the acoustic parameters for the best sound quality and saves time and troubleshooting during fitting.

Phonak wireless accessories — to boost performance

Phonak offers a range of wireless accessories to boost the performance of your clients' hearing aids when needed. To enable your clients to understand even more while watching TV, talking on the phone or listening to music, we have developed wireless solutions to suit their every need. Wireless accessories also allow them to fully participate in noisy situations or when there's a distance between them and the speaker, or there are multiple speakers.



- 1 White Paper: Phonak Insight. Phonak rechargeable hearing aids. Hirchak, D., and Omisore, D., 201
- 2 Field Study: Small custom shells, thanks to titanium. Bishop, R., anticipated Apr 2017
- 3 Field Study: Comparing objective and subjective outcomes of automatic classification systems across manufacturers. Rakita, L., Jones, C., 2016.
- 4 Journal Article: Performance and Preference of an Automatic Hearing Aid System in Real-World Listening Environments. Rakita, L. and Jones, C. The Hearing Review, 201
- 5 White Paper: Poster. Objective and subjective benefit of an automatic classification system. Latzel, M., Ubelacker, E. and Tchorz, J. AAA 2015.
- 6 Phonak Internal Report, Jan 2015. Expansion study. Results of investigation completed at University of Lübeck
- 7 Phonak Internal Report, Feb 2016. Symmetric Gain Study
- 8 Please contact claims@phonak.com if you are interested in further information
- 9 Cherry EC. Some experiments upon the recognition of speech, with one and with two ears. J Acoust Soc Am 1953;25:975-9
- 10 Field Study: StereoZoom Improved speech understanding even with open fittings. Phonak, 2011
- 11 Phonak Internal Validation: Speech in Car study. Phonak, 201
- 12 Field Study: Phonak Venture Music Program Benchmark. Vase Legarth, S., Zacharov, N., Latzel, M. and Kühnel, V., 2016
- 13 White Paper: Phonak Insight. SoundRecover2 the adaptive frequency compression algorithm. Rehmann, J., Jha, S. and Allegro Baumann, S., 2016
- 14 Field Study: Phonak CROS II Improved speech understanding thanks to binaural beamforming. Ebbing, S. & Omisore, D., 2015
- 15 Field Study: Reducing occlusion with Virto B-Titanium'. Bishop, R., anticipated Apr 2017.
- 16 Phonak Internal Report, 2015. Phonak Global Customer Satisfaction Survey
- 17 Denys S., Francart I., Wouters J. (2016) Real-Ear Measurements integrated in the Fitting software (REMIFIT): Repeatability, Precision and Perceptual Outcomes. Artic submitted for publication.
- 18 Sonova Internal Report, 2016. Impression taking usability stud

Please contact claims@phonak.com if you are interested in further informatio

Life is on

At Phonak, we believe that hearing well is essential to living life to the fullest. For more than 70 years, we remain true to our mission by developing pioneering hearing solutions that change people's lives to thrive socially and emotionally. Life is on.

www.phonakpro.ca





