

Earmolds, enhanced by AOV

Discover Phonak Earmolds with
Acoustically Optimized Vent (AOV)



PHONAK

life is on



The winning combination: Phonak Earmolds and AOV

The Phonak mission is to enrich the lives of the hearing impaired by providing the best products and services to the hearing healthcare professional.

Custom-made earmolds

A key component of a successful BTE hearing instrument fitting is the custom-made earmold. No matter how advanced and innovative the technology in the hearing instrument, the earmold to which it is coupled must meet important requirements. The optimal earmold ensures:

- High wearing comfort from the start
- The right fit in the ear with appropriate acoustic seal and retention
- Optimal esthetics for high cosmetic appeal

To fulfill these challenges, Phonak has developed the Earmold with AOV.

The Acoustically Optimized Vent (AOV)

The Acoustically Optimized Venting (AOV) technology, a Phonak exclusive, ensures the right-sized vent design for the vast majority of Phonak ITE clients. The AOV benefits are only possible due to:

- Proprietary multi-dimensional algorithms
- A precisely defined vent mass
- Sophisticated 3D modeling software

After proving highly successful in custom ITEs and custom Earpieces (SlimTip, cShell), this beneficial Phonak innovation is now available for earmolds.

Phonak Earmolds with AOV – an innovative solution

The new Phonak Earmolds with AOV represent an advantage compared to conventional, manually produced models. By taking into account the client's hearing loss configuration and the selected Phonak BTE hearing device, the Phonak Earmold with AOV delivers the ideal balance between gain, sound quality and occlusion management.

This perfect partnership between the mechanical aspects of the earmold and the innovative Phonak hearing instrument technology ensures the technologically optimized Phonak BTE solution.



The way to excellence, in 5 essential steps

The technologies Phonak employs for custom products are as impressive as the benefits they bring. Phonak uses the most modern 3D software and advanced laser tools to design and create each individual custom earmold for the ultimate esthetics and most comfortable fit.

1. Access to the full picture

From the client's audiogram and ear impression, the selected Phonak BTE and advanced digital lab technologies, Phonak brings acoustic and anatomic individualization for earmolds to the next level.

A precise earmold fit can result in higher customer satisfaction and fewer return visits.

2. From the ear impression to digital media

The fine contours of the ear impression are laser-scanned and converted into a 3D representation that exactly copies the ear morphology of the client. The stored data provides an intelligent electronic basis for the virtual 3D modelling, including the AOV feature.

3. 3D-printing technology

Our state-of-the-art 3D-printers then build the earmold. The technology is fast, extremely accurate, and environmentally friendly. And by eliminating the handcrafting of the earmold production, the consistency in manufacturing is improved.

4. Digital production

Computer-aided production of earmolds also means that individual anatomical, cosmetic and functional needs can be met more easily and accurately.

5. Earmold / AOV

Every earmold is as unique as the client it is made for. Each earmold with AOV includes a special code which is then used in the Phonak fitting software to accurately apply the vent mass for each individual earmold, resulting in an ideal acoustic response from the hearing instrument.



The privilege of choice

The wide range of Phonak Earmolds with AOV ensures there is a solution for all ear characteristics, cosmetic needs and hearing loss configurations.

Materials and colors

- All styles are available in a choice of hard acrylic or soft silicone
- Soft silicone is available in Transparent
- Hard acrylic is available in the colors Transparent, Rose Tint and Brown Transparent

In addition to the earmold styles we offer options such as

- Canal lengths: Short, medium and long
- Tubing: Standard, medium and thick
- Tube colors: Transparent, Rose Tint and Brown Transparent
- Red or blue dot for side orientation
- Various surface and finishing options



Hearing loss	Canal Mold	Canal Lock	Helix Lock	Semi Skeleton
Mild	•	•	•	•
Moderate	•	•	•	•
Severe				
Profound				



Hearing loss	Skeleton	Carved Full Shell	Full Shell	Carved Half Shell
Mild	•	•	•	•
Moderate	•	•	•	•
Severe	•	•	•	
Profound	•	•	•	

Your 6 custom-made advantages

Phonak invites you to discover our amazing custom-made products, be it ITE hearing instruments, custom earpieces or earmolds. Each custom product is digitally manufactured using market-leading technology to meet high standard of reliability and comfort.

1. The advantage of getting it right

Our promise: Getting it right the first time, with a return rate below 3%¹.

2. The advantage of leading technology

Our promise: All Phonak custom products including earmolds profit from innovations such as Acoustically Optimized Venting (AOV), adding to comfort and satisfaction.

3. The advantage of choice

Our promise: There is a Phonak Earmold for mild to profound hearing losses, for every client comfort and esthetic requirement.

4. The advantage of our dedicated process

Our promise: Our state-of-the-art process combines the best of traditional craftsmanship and audiological expertise with the latest computer-aided manufacturing.

5. The advantage of fast and precise manufacturing

Our promise: We stick to any delivery deadline you set up. Typically it takes 72 hours from the moment we receive your order and ear impression until we ship the completed instrument or earpiece to you.

6. The advantage of fast service

Our promise: We handle and ship any remake or repair within 48 hours, because we know users rely on their hearing instruments.

¹30 day returns in all markets.

Thank you for your interest in Phonak Earmolds with AOV. We are sure you will have even more happy clients if you recommend and fit our industry-leading custom solutions.



Life is on

We are sensitive to the needs of everyone who depends on our knowledge, ideals and care. And by creatively challenging the limits of technology, we develop innovations that help people hear, understand and experience more of life's rich soundscapes.

**Interact freely. Communicate with confidence.
Live without limit. Life is on.**