

Wir hören uns.



**AUDIA**

# EARMOLDS AND HEARING PROTECTION.



Now you can conveniently order  
 earmolds and hearing protection  
 online at [easyorder.audia-akustik.de](https://easyorder.audia-akustik.de)



**GUIDE**

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# EXPERIENCE OUR VARIETY OF SHAPES AND COLORS AND COSMETICALLY ATTRACTIVE SOLUTIONS FOR EARMOLDS AND HEARING PROTECTION.

The qualified care of hearing impaired individuals is our mission and our core expertise. With our perfectly coordinated range of products, high-quality accessories, and comprehensive services, we use this to your benefit. Customized miniature solutions and high-performance hearing aids are just two aspects of our extensive range. Trust us – it's worth it!



## **AUDIA AKUSTIK** **EXPERTISE, EXPERIENCE, AND SERVICE.**

The experience, knowledge, and skill of our employees are our key competitive advantage. A highly motivated team, a modern production facility, and the logistics of a hearing system provider make AUDIA AKUSTIK one of the leading earmold laboratories in Germany.

Today, more than ever, people are demanding products that keep abreast of changes in the hearing system market. AUDIA earmolds is focussed on perfecting the acoustic properties of earmolds, developing creativity in the design and material, and individualizing all applications.

Service is a matter of trust and is the focus of our daily work. You can trust us with your clients' ears. Together, we achieve the best.

## QUALITY CERTIFICATES.



Interessengemeinschaft  
**Otoplastischer  
Laboratorien**

*We belong to a community of earmold laboratories and are proud to offer comprehensive quality management.*

## SERVICE AND INFORMATION WE'RE HERE FOR YOU.

Personal contact with our customers is extremely important to us. Our skilled service team is happy to advise you. We also keep you updated with regular newsletters about earmolds and hearing protection.

We view our training and our extensive range of services as an integral part of our portfolio. We thereby fulfil our aspirations to offer our customers "everything from a single source". Our customers benefit from comprehensive care – and so do we.

More information on our training curriculum can be found online at [www.audia-akustik.de](http://www.audia-akustik.de).

### **The professional world of AUDIA**

*Your access to the professional world of AUDIA and the training area:*

User name: **akustiker**

Password: **audialounge**

[www.audia-akustik.de](http://www.audia-akustik.de)

## CONTACT DO YOU HAVE QUESTIONS? GIVE US A CALL.

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*Scan the QR code to go directly to our website!*

## INSIGHTS INTO PRODUCTION WITH HIGH-TECH SOLUTIONS FOR OPTIMAL EARMOLDS.

EACH INDIVIDUAL PRODUCT IS MANUFACTURED USING ADVANCED PRODUCTION TECHNOLOGY IN ORDER TO MEET HIGH DEMANDS FOR RELIABILITY AND COMFORT.



We have the best conditions for the production of tactile and visually appealing hearing instruments and earmolds. The technologies that we use are as impressive as the resulting benefits.

In addition to the traditional production of earmolds using the complex PNP process (positive-negative-positive), various solutions for digital/additive manufacturing have recently been developed in the hearing device industry. In 2003, we were one of the first manufacturers to install a modern laser stereolithography production line for earmolds and in-ear shells. Our employees therefore have years of experience in the digital production of earmolds and in-ear hearing systems. Digital production methods from scan data modelling to rapid and extreme precision manufacturing by stereolithography make our company a qualified manufacturer of hearing systems, earmolds, and hearing protection. In 2012, our production capacity was expanded to include another stereolithography system. Other modernization such as the introduction of vibratory grinding followed in 2014. We are thus able to ensure a high level of quality and will continue to do so.

### The advantages of digital production at a glance:

- significantly higher production accuracy over traditional manufacturing
- very high and consistent quality through computer-monitored and stable process steps
- quality monitoring during the digital modelling; audiologists are involved from the beginning
- perfect fit and the best comfort
- shorter production and delivery times thanks to rapid manufacturing
- diverse design options increase the benefit to the customer
- through digital archiving, earmolds can be reproduced at any time, and designs can be quickly optimized.
- in the case of loss, earmolds can be quickly replaced without having to take another impression



**Laser manufacturing of in-ear hearing systems**  
Scan the QR code to watch a multimedia presentation about how an in-ear hearing system from AUDIA AKUSTIK is created.

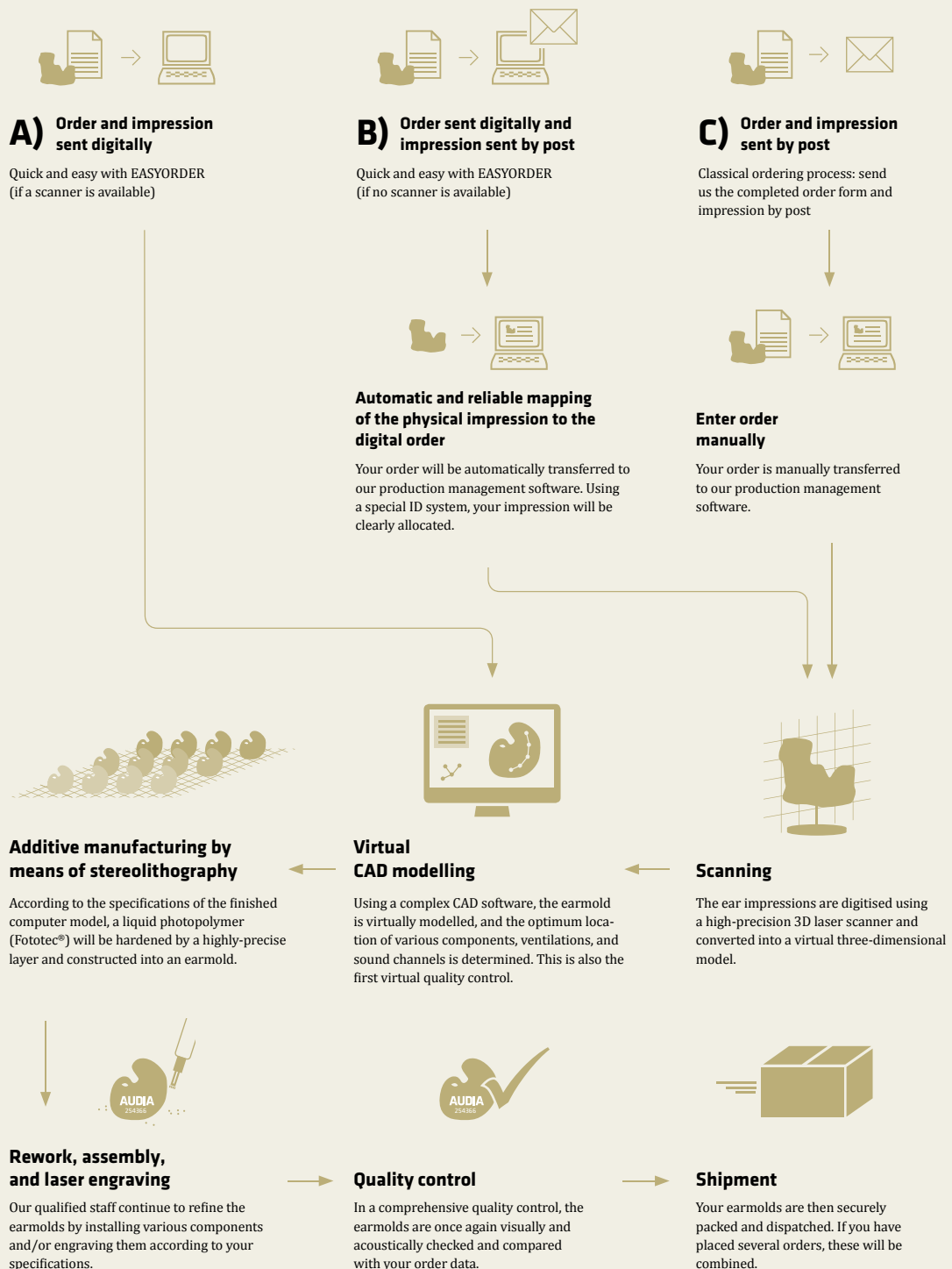


**Laser production of earmolds**  
Scan the QR code to watch a multimedia presentation about the production of AUDIA AKUSTIK earmolds.

## INSIGHTS INTO PRODUCTION WITH HIGH-TECH SOLUTIONS FOR OPTIMAL EARMOLDS.

EACH INDIVIDUAL PRODUCT IS MANUFACTURED USING ADVANCED PRODUCTION TECHNOLOGY IN ORDER TO MEET HIGH DEMANDS FOR RELIABILITY AND COMFORT.

The path to individual and high-quality earmolds includes many different process steps. The complexity, variety, and uniqueness of earmolds, in-ear hearing systems, or hearing protection requires comprehensive and continuous production management throughout the entire process chain.



# ORDER SYSTEM ORDER FORM.

THE CLASSIC ORDER.

## SUBMITTING AN ORDER FOR EARMOLDS

### 1. TAKING AN IMPRESSION

### 2. FILLING IN THE ORDER FORM

- Company stamp of the audiologist
- Client Name
- Date and contact partner
- Selection and specification:  
left or right, shape, material, color, vent,  
surface, tubing, canal, requests


#### Information:

If no selection is made, we will assume that the **bold** items are your preference.

Please send the impression and the first two pages of the order form to us.

The scan number identifies your order and thus facilitates tracking.  
In the case of further questions, please indicate this number.

21584412



**ORDER FOR EARMOLDS**

Wir hören uns. **AUDIA**

**CUSTOMER**

---

STAMP

**CLIENT NAME**

---

CONTACT PARTNER \_\_\_\_\_ DATE \_\_\_\_\_

right  
 left  
 please call back

**Information:** If no selection is made, we will assume that the bold items are your preference.


<b>Form</b>	<input type="radio"/> <b>Comfort</b> <input type="radio"/> Skeleton 20 <input type="radio"/> Shell 25 <input type="radio"/> Claw 26 <input type="radio"/> Hook 28 <input type="radio"/> Canal Style 29 <input type="radio"/> Canal Shape / short lock design <input type="radio"/> Open tube 37
<b>mini tube</b>	<input type="radio"/> CIC 32 Click <input type="radio"/> Open 36 Click <input type="radio"/> CIC 64 Glued <input type="radio"/> Open65 Glued <input type="checkbox"/> Canal Lock <input type="radio"/> mini tube Type _____
<b>RIC</b>	<input type="radio"/> CIC 32 RIC <input type="radio"/> Open 36 RIC <input type="radio"/> Power RIC ITE Shell 66 / 67 <input type="checkbox"/> Canal Lock <input type="radio"/> Receiver Type _____
<b>Protection</b>	<input type="radio"/> Swim Protection 41 <input type="radio"/> Hearing Protection Canal18 <input type="radio"/> Hearing Protection Canal19 <input type="radio"/> Racing Earplug 16 <input type="radio"/> Sleeping Earplug 17 <input type="radio"/> Hearing Protectors Filters _____
<b>Basic</b>	<input type="radio"/> Standard Shell 23 <input type="radio"/> Compact Shell 01 <input type="radio"/> Compact Canal Shell 02 <input type="radio"/> Monitoring 55
<b>Material</b>	<input type="radio"/> Fototec® <input type="radio"/> AS soft 20 <input type="radio"/> AS soft 80 <input type="radio"/> THERMOtec®50 <input type="radio"/> Catamaran® <input type="radio"/> Acrylic <input type="radio"/> AS soft 40 <input type="radio"/> TEC Combi <input type="radio"/> THERMOtec®70 <input type="radio"/> Legance® <input type="radio"/> Titanium
<b>Color</b>	<input type="radio"/> transparent pink <input type="radio"/> transparent <input type="radio"/> beige <input type="radio"/> color name by catalog: _____
<b>Vent</b>	<input type="radio"/> without <input type="radio"/> 1 mm <input type="radio"/> 2 mm <input type="radio"/> 2.5 mm <input type="radio"/> fully open <input type="radio"/> VarioVent <input type="radio"/> Offset vent <input type="radio"/> _____ mm <small>Only possible for Fototec®:</small> <input type="radio"/> Oval 1 > 3 <input type="radio"/> Oval 1.5 > 4 <input type="radio"/> Oval Vario > 4 <input type="radio"/> ProfiVent® <input type="radio"/> PowerVent _____ mm
<b>Surface</b>	<input type="radio"/> polished <input type="radio"/> pol. /matted <input type="radio"/> matted <input type="radio"/> nanopro <input type="radio"/> glazed <input type="radio"/> silicone <input type="radio"/> gold-plated
<b>Tube</b>	<input type="radio"/> normally <input type="radio"/> without <input type="radio"/> PP <input type="radio"/> QuickConnect <input type="radio"/> angle <input type="radio"/> tube for children <input type="radio"/> colored
<b>Canal</b>	<input type="radio"/> middle <input type="radio"/> short <input type="radio"/> long <input type="radio"/> side marker red / blue
<b>Cymba</b>	<input type="radio"/> middle <input type="radio"/> short <input type="radio"/> long
<b>Engraving</b>	<input type="radio"/> Private Label <input type="radio"/> Ordernumber <div style="display: flex; gap: 5px;"> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div>
<b>We need:</b>	<input type="radio"/> address sticker <input type="radio"/> order form <input type="radio"/> impression boxes <input type="radio"/> impression bags

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## ORDER SYSTEM EASYORDER.

YOUR ONLINE ORDERING SYSTEM FOR EARMOLDS AND HEARING PROTECTION.  
NOW EVEN MORE CONVENIENT.



**EASY!**  
Using the new intelligent order form, ordering earmolds and hearing protection is even more convenient. Simply sign up and get started.

Ordering earmolds has never been so easy.

[easyorder.audia-akustik.de](https://easyorder.audia-akustik.de)

Take advantage of our completely revised and optimized online ordering system for earmolds and hearing protection. The simple structure and dynamic, intelligent order form allow for the quick and convenient collection of all necessary data.

Simply select your desired earmold. The diverse options will be dynamically offered depending on the possible variants to choose from. In the order overview, you always have a view of your orders and can also see the processing status.

**Ordering earmolds has never been so easy.**

### AN OVERVIEW OF ALL FEATURES

**EASY ACCESS:** Simply log in and get started (no program installations or updates needed).

**CONVENIENT OPERATION:** Intuitive and self-explanatory menu navigation thanks to the dynamic-intelligent order form.

**PERSONAL SETTINGS:** Once you store individual standard needs, these will automatically be considered before you order.

**ALL INFORMATION WITH A SINGLE CLICK:** Thanks to the integrated help system, you can always get additional information about each option.

**AN OVERVIEW OF ALL ORDERS:** In the order overview, you have a complete view of all your orders (including status tracking).

**RECEIVE QUALITY EARMOLDS MORE QUICKLY:** Time savings through the digital transmission of data and impressions.

**INTEGRATION INVENTORY MANAGEMENT:** Simply order from your inventory management system (AMPAREX, ASEGO, and others have a connection to our ordering software).

**ALWAYS UP TO DATE:** Product updates and new features are immediately available without updates or new installations.

### EASY ACCESS TO EASYORDER

To receive the login data for EASYORDER, please contact AUDIA customer service by dialling +49 (0)3634/693-111. Using this, you can easily log onto [easyorder.audia-akustik.de](https://easyorder.audia-akustik.de). In the shop settings, you can first define your standard needs. In the help section, you can learn more about the functions of EASYORDER.

## PRODUCT OVERVIEW

### OUR EARMOLD PRODUCT RANGE.

DIVERSITY IN FORM AND FUNCTION.

#### S. 16 COMFORT EARMOLDS



20 Skeleton



25 Shell



26 Claw



28 Hook



29 Canal Style



31 Canal Shape /  
short lock Design



38 HOKA® Canal Style



39 HOKA® Hook

#### S. 18 RIC EXTERIOR EARMOLDS



32 Open CIC RIC



36 Open Earmold RIC



36 Open Earmold RIC  
with Canal Lock



66 Power RIC ITE Shell



67 Power RIC ITE Shell  
with integrated Receiver

#### S. 20 MINI TUBE EARMOLDS



32 Open CIC  
Click Tube



36 Open Earmold  
Click-System



36 Open Earmold Click-  
System with Canal Lock



64 Open CIC  
Glued Tube



65 Open Earmold  
Glued Tube



65 Open Earmold  
Glued Tube, Canal Lock

#### S. 21 OPEN TUBE EARMOLDS



26 Open Claw



33 Open  
Cymba Line®



34 Open  
Concha Line®



35 Open IROS



37 Open Tube

#### S. 22 BASIC EARMOLDS



23 Standard Shell



01 Compact Shell  
02 Compact Canal Shell



Sample

#### S. 23 SPECIAL FORMS



10 Snapping  
Earmold



11 Retaining Earmold  
Bone Conduction



13 Cymba  
Retaining



40 Skid  
Resistant Shell



42 Support  
Earmold



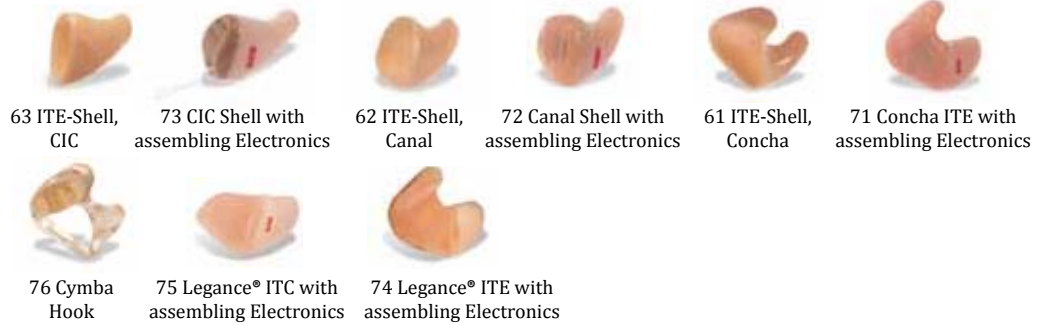
54 Retaining Earmold  
Noiser BTE / ITE

# PRODUCT OVERVIEW

## OUR EARMOLD PRODUCT RANGE.

DIVERSITY IN FORM AND FUNCTION.

**S. 26 CUSTOM MADE IN-EAR MODELS**



**S. 28/29 MONITORING FOX:EAR**



**S. 30 HEARING PROTECTION**

**HEARING PROTECTION DLO®**

**SLEEPING EARPLUG**

**CATAMARAN-SWIM PROTECTION**



**ELACIN® ER**

**CLEAR SOUND®**

**DM-FILTER**



**BIOPACT®**

**ALPINE®**



**ePRO-X**

**DLXpro**

**SHOTKILLER®**



## ORDERING OPTIONS FOR THE OPTIMAL FIT.

DIVERSITY IN SURFACE AND EQUIPMENT.

### SURFACES

#### POLISHED (STANDARD)



The whole earmold is polished.

**Materials:** Fototec®, Acrylic, AUDIA-Legance®, Titanium

#### MATTE FINISHED



The whole earmold is matte finished.

**Materials:** Fototec®, Acrylic, Audiasoft, THERMOtec® 50/70, AUDIA-Legance®, Titanium, AUDIA-Catamaran®

#### POLISHED / MATTED



The visible side of the earmold is matte finished, while the main contact side is polished.

**Materials:** Fototec®, Acrylic, AUDIA-Legance®

#### GLAZED



The entire earmold is coated in a LPH lacquer.

**Materials:** Fototec®, Acrylic, AUDIA-Legance®

#### SILICONE



A silicone lacquer coating is applied to the entire earmold when using soft material. With hard material, only the surface which is in contact with skin is coated.

**Materials:** Fototec®, Acrylic, Audiasoft, AUDIA-Catamaran®

#### GOLD-PLATED



Optionally either only the skin contact side or the whole earmold can be gold-plated.

**Materials:** Fototec®, Acrylic, AUDIA-Legance®

#### NANOPRO



The antibacterial coating utilizes the bactericidal and fungicidal effect of "active silver" (AgPure), therefore preventing inflammation and promoting the natural microclimatic balance in the ear.

**Materials:** Fototec®, Acrylic, Audiasoft, AUDIA-Legance®, AUDIA-Catamaran®

#### NANOSCREEN™ LACQUER



The innovative coating for hard earmolds creates an easy-to-clean, nano-structured surface of high homogeneity and hardness.

**Materials:** Fototec®, Acryl

### VENT

#### ROUND VENT / D-VENT



Cylindrical form of the side canal in the sizes 0.8 – 5.0 mm, Variovent 1.8 mm, Variovent 2.5 mm and fully open, D-Vent 1.0–3.0 mm (only in Fototec®, Titanium), IROS-Vent possible.

Option: Offset vent

**Materials:** Fototec®, Acrylic, Audiasoft, THERMOtec® 50/70, AUDIA-Legance®, Titanium

#### OVALVENT



An increased residual volume blocks feedback, reduces occlusion effects and provides natural sound quality.

Optionen: Oval 1 > 3. Oval 1.5 > 4, Oval Vario 1.8 > 4. Oval Vario 2.5 > 4

**Materials:** Fototec®, Titanium

#### PROFIVENT®



Has a diameter of 2.5 mm with a 0.8 mm smaller orifice.

Your advantage: high feedback resistance, easiest rework to enlarge the orifice, optimal ventilation and sound characteristics.

**Materials:** Fototec®

#### POWERVENT



The power vent is a very long vent with a diameter from 1.0 mm to 2.0 mm. The outer opening of the vent is located at the top of the cymba.

Your advantage: High feedback resistance for power supplies, slower occlusion effect, optimal ventilation and sound characteristics.

**Materials:** Fototec®

#### OPEN CIC



Offset above and below, length of vent: 9 mm

**Materials:** Fototec®, Titanium

VENT SIZE	VENTING	EFFECT
S	0.8 mm	1.3 mm
M	1.4 mm	2.3 mm
L	2.4 mm	4.0 mm

## ORDERING OPTIONS FOR THE OPTIMAL FIT.

DIVERSITY IN SURFACE AND EQUIPMENT.

### SOUND TUBE

#### STANDARD-TUBE/PP-TUBE/TUBE FOR CHILDREN



**Standard-Tube:**

the most commonly used type – diameter: 2.0 x 3.0 mm  
(designed as a dry tube, moisture gets out easily)

**PP-Tube:**

with a greater wall thickness for fitting severe hearing losses with tube – diameter: 2.0 x 4.0 mm

**Tube for Children:**

is significantly smaller than the standard tube – diameter: 1.5 x 2.5 mm

**Color:** transparent, beige, blue-trans., yellow-trans., red-trans., green-trans., black

#### LIBBY HORN TUBE



The expansion of the libby horn tube causes an increase in the high frequencies above 2 kHz.  
diameter: 2.0 mm; 3.0 mm; 4.0 mm  
(also available as dry tube)

**Color:** transparent, beige, blue-trans., yellow-trans., red-trans., green-trans., black

#### ANGLE



The sound tube angle is permanently fixed in the earmold and the sound tube is plugged in.  
diameter: 2.5 mm; 3.0 mm

**Note:** In the narrow ear canal, the angle is installed as standard.

**Color:** transparent, blue, yellow, red, green

#### TUBE LOCK



The tube lock is used to fasten tubes in soft materials without sticking. Advantage: tube is easily replaceable.

**Color:** transparent  
**Materials:** Audiasoft

#### AUDIA QUICK CONNECT ADAPTER



The system consists of a connector glued into the earmold and a special plug-in connector with a standard sound tube (2.0 x 3.0 mm). The plug-in connector can be turned by 360°. Advantages: high level of flexibility, easy replacement of tube, cosmetically very attractive.

**Diameter:** 2.0 x 3.0 mm & 2.0 x 4.0 mm  
**Materials:** Fototec®, Audiasoft AS4/AS8, THERM0tec® 50/70,

### PRIVATE LABEL – LASER MARKING



By default, the side marker is a colored dot. If you wish, we can individually mark your earmolds. The labelling can be in white or as red or blue side-markers.

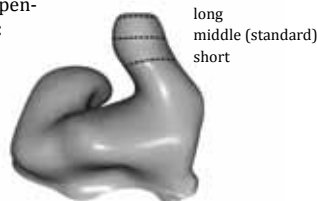
Up to three lines can be customized, optionally with your logo, customer name, date, or number identifier.

#### The advantages of labelled earmolds:

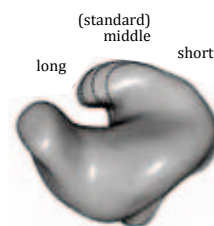
- Consistent implementation of the Medical Devices Act
- Higher value through individuality
- Clear identification

### CANAL LENGTH

Please select and mark depending on customer request:



### CYMBA LENGTH

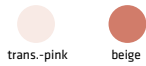


# MATERIALS & COLORS

## MATERIALS AND COLORS GUIDE.

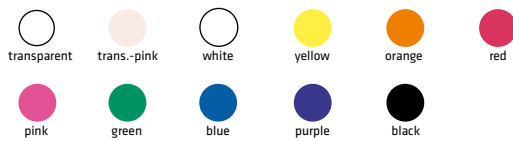
THE BASIS FOR A VARIETY OF DESIGN POSSIBILITIES.

### FOC FOTOTEC®



With our premium Fototec® process, you will achieve a hearing instrument fitting of the highest level. Fototec® is a laser-cured material for the manufacture of earmolds produced with a stereolithographic procedure that offers many advantages of digital production.

### TAC ACRYLIC



Proven earmold material made from a polymer-monomer material. Especially skin and body tissue-friendly and UV stable.

### TC / TC K THERMOTEC® / THERMOTEC® COMBI



High-quality polyurethane material is relatively hard at room temperature and becomes softer at body temperature. It is very skin-friendly. THERMOTec® Combi is a combination of acrylic (external) and THERMOTec® (in the ear canal).

Available in two shore hardnesses, 50 and 70 shore.

### AS / AS K AUDIASOFT / AUDIASOFT COMBI

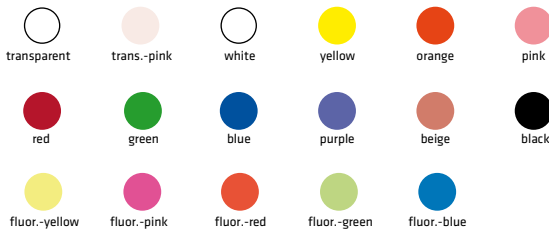
Elastic cold-vulcanized silicone available with different shore hardness options. Maintains long-term elasticity, high tensile strength, fit and retention with minimal friction. AudiaSoft earmolds are lacquer-coated.

Audiasoft Combi is a combination of AS2 and AS4 or of AS4 and AS8.

### AS 2 AUDIASOFT 20 SHORE - VERY SOFT



### AS 4 AUDIASOFT 40 SHORE - MEDIUM SOFT



### AS 8 AUDIASOFT 80 SHORE - TOUGH ELASTIC



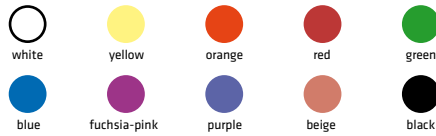
# MATERIALS & COLORS MATERIALS AND COLORS GUIDE.

THE BASIS FOR A VARIETY OF DESIGN POSSIBILITIES.

## CAT AUDIA-CATAMARAN®

Catamaran® is a super soft, buoyant silicone material. It is specifically designed for the conditions in wet environments.

## CAT HOT SILICONE CAT COLD SILICONE



Hot and cold silicones can not be mixed with each other.

## LEG AUDIA-LEGANCE®



Cold-cured acrylic polymere with cosmetic surface to match skin (color, vein structure, colors L1 – L11)

Our Legance® sample box is available to help you determine exact color and style.



## TIN TITANIUM



Titanium is the ideal material for an extremely resistant earmold. It is characterized by a good thermal conductivity, is very light, has been established in surgery as an implant material for over 30 years, does not react with other materials, is corrosion-resistant and 100% unbreakable.

### The features at a glance:

- biologically very safe
- low weight
- corrosion-resistant
- 100% crushproof
- no allergies known worldwide

## COMFORT EARMOLDS CUSTOMIZED AND PERFECT FIT.

GRACEFUL SHAPES PAIRED WITH FUNCTIONALITY  
AND HIGH PRACTICAL VALUE.

### 20 SKELETON



The skeleton mold is the most commonly manufactured type of earmolds. It is characterized by a good ventilation of the ear as well as a very comfortable fit and is also cosmetically very attractive. This type is suitable for mild to severe hearing loss.

**Materials:** Fototec®, Acrylic, Audiasoft AS4/AS8, THERMOtec® 50/70, AUDIA-Legance®, Titanium  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### 25 SHELL



This very stable shell-design is well-suited to more severe hearing losses with material filling all open and support areas.

**Materials:** Fototec®, Acrylic, Audiasoft AS2/AS4/AS8, THERMOtec® 50/70, AUDIA-Legance®, Titanium  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### 26 CLAW



The claw earmold is barely visible, cosmetically attractive and provides a high level of wearing comfort. This type is well-positioned in the areas of the antitragus and cyma conchae, with less skin contact in the concha. This type is ideal for extended concha cyma.

**Materials:** Fototec®, Acrylic, Audiasoft AS8, THERMOtec® 50/70, AUDIA-Legance®, Titanium  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### 28 HOOK



Due to its delicate manufacturing this type is cosmetically attractive and scarcely visible. The helix crus is spared, that's why there should be scarcely problems with pressure in the ear.

**Materials:** Fototec®, Acrylic, Audiasoft AS8, THERMOtec® 50/70, AUDIA-Legance®, Titanium  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)



## COMFORT EARMOLDS CUSTOMIZED AND PERFECT FIT.

GRACEFUL SHAPES PAIRED WITH FUNCTIONALITY  
AND HIGH PRACTICAL VALUE.

### 29 CANAL STYLE



The canal style earmold fits unremarkably in the ear canal, addressing the most demanding cosmetic concerns. An anatomically adequate ear canal is required to produce this style (1st + 2nd break).

**Materials:** Fototec®, Acrylic, Audiasoft AS2/AS4/AS8, THERMOtec® 50/70, AUDIA-Legance®  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### 31 CANAL SHAPE WITH A SHORT LOCK DESIGN

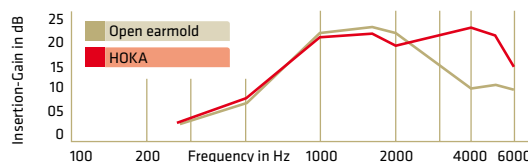


Its elegant design avoids the feeling of fullness in the ear and provides high wearing comfort with pleasant sound quality.

**Materials:** Fototec®, Acrylic, THERMOtec® 50/70, AUDIA-Legance®, Titanium  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### HOKA® EARMOLDS

HOKA® hook earmolds optimize transmission of high frequency sounds, providing a more "brilliant" sound perception. HOKA was developed by Dr. med. R. Fiedler / L. Vollbach and is manufactured by AUDIA AKUSTIK under license.



### 38 HOKA®-CANAL STYLE



The HOKA® canal style earmold fits unobtrusively in the ear canal, meeting the most demanding cosmetic needs. An anatomically adequate ear canal is necessary for this style (1st + 2nd break).

**Materials:** Fototec®, THERMOtec® 50/70,  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### 39 HOKA®-HOOK



Delicate manufacturing of the HOKA®-semi-skeleton earmold makes it cosmetically attractive and barely visible. The Helix Crus is omitted, so pressure problems are very rare.

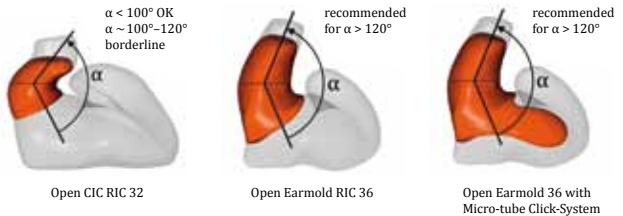
**Materials:** Fototec®, THERMOtec® 50/70,  
**Colors:** variety of colors and designs (p. 14 - 15 and p. 24 - 25)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

## RIC EARMOLDS OPEN AND NATURAL.

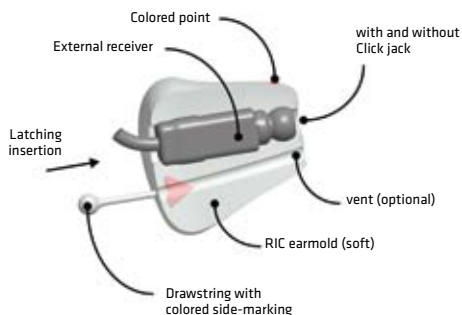
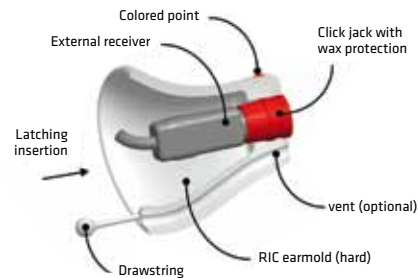
HIGH-QUALITY EARMOLDS FOR ALL RIC HEARING SYSTEMS.

### GENERAL INFORMATION

When selecting the appropriate design, some requirements concerning the impression or the canal form should be noted. In the case of an open supply, it is imperative to completely mold the first bend. If the interior angle of the first bend is less than  $100^\circ$ , it provides a good hold for a 32 Open CIC. Between  $100^\circ$  and  $120^\circ$ , the hold is marginal. If the angle is greater than  $120^\circ$ , we recommend a 36 Open Earmold RIC (optional with canal lock). This principle also applies to the Mini Tube earmolds.



When ordering, please always specify the manufacturer as well as the official name and size (S/M/P) of the desired external receiver system. The attachments of the external receiver will be installed according to the installation instructions of the respective manufacturers. They can be installed or removed with the original tools of the manufacturer. The external receiver earmold is always made closed. If you specify the side channel, your request will be realised.



We can also use a soft silicon earmold for most external receiver systems. The earmold is prepared via a direct press fit within the earmold. For very narrow ear canals, it is possible (depending on earmold geometry) to build the handset without a click jack. The silicone plastic is only available for the 32 Open CIC RIC design and is equipped with a drawstring including side marking.

In principle, we can use all manufacturer systems. A current overview of the available external receiver system with the corresponding options can be found on our website [www.audia-akustik.de](http://www.audia-akustik.de) under AUDIA (for access, see pg. 5) or in our EASYORDER online order shop.

### MULTIFIX



without receiver      with receiver

**Materials:** Fototec®, THERMOtec® 70

With the Multifix system, a flexible shell is integrated into the earmold, instead of a specific receiver connection. Different external receivers (approximately 80% of all types found on the market) can be stored in this shell. This allows for comparative adaptation. To order, simply enter Multifix as the receiver type.

## RIC EARMOLDS OPEN AND NATURAL.

CLICK-EARMOLDS FOR ALL RIC HEARING SYSTEMS.

### 32 OPEN CIC RIC



This earmold style is very small and fits deeply in the ear canal. Manufacturer-specific click-connections are installed (only possible for the materials Fototec® and Audiasoft, press fitting in materials THERMOtec®), so the receiver can be installed easily. As a standard the earmold is produced with removal string (Fototec® and Audiasoft AS4) and delivered with color indicator for defining its position.

**Materials:** Fototec®, Audiasoft AS4, THERMOtec® 70, Titanium  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, vent, engraving, etc. (see order options p. 12 - 13)

### 36 OPEN EARMOLD RIC (OPTIONAL WITH CANAL LOCK)



This style provides better retention in the ear canal and can be made with canal lock. Manufacturer-specific click-connections are installed (only possible for Fototec®, press fitting in material THERMOtec®), so the receiver can be installed easily. As a standard the earmold is delivered with color indicator for defining its position.

**Materials:** Fototec®, THERMOtec® 70, Titanium  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** removal cord, surfaces, vent, engraving, etc. (see order options p. 12 - 13)

### 66 POWER RIC ITE SHELL



It is a special closed shell in a compact design for Power-RIC hearing aids. This type is used for changeable Power-RICs or Power-RICs that are not permanently built-in. The earmold is delivered without the receiver.

**Materials:** Fototec®  
**Colors:** transparent-pink, beige, red and blue possible through NanoScreen paint  
**Options:** removal cord, surfaces, vent, engraving, etc. (see order options p. 12 - 13)

### 67 POWER RIC ITE SHELL WITH INTEGRATED RECEIVER



It is a special closed shell with compact design for Power RIC hearing aids. In contrast to type 66 the receiver is embedded in the shell and cannot be changed. This type is used for special embedded Power-RIC hearing aids. The receiver has to be provided by the customer.

**Materials:** Fototec®  
**Colors:** transparent-pink, beige, red and blue possible through NanoScreen paint  
**Options:** removal cord, surfaces, vent, engraving, etc. (see order options p. 12 - 13)

## MINI TUBE EARMOLDS OPEN, LIGHT, AND COSMETICALLY APPEALING.

EARMOLDS FOR ALL MINI TUBE SYSTEMS  
IN DIFFERENT DESIGNS AS CLICK OR FIX VARIANT.

### 32 OPEN CIC WITH MICRO-TUBE CLICK-SYSTEM



This very small style fits deeply in the ear canal. A flexible, transparent connector accommodates the slim tube. A removal string is included as well as a color indicator to define placement position.

**Materials:** Fototec®, THERMOtec® 70, Titanium  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, vent, engraving, etc. (see order options p. 12 - 13)

### 36 OPEN EARMOLD WITH MICRO-TUBE CLICK-SYSTEM



This style fits securely in the ear canal and can be made with canal lock. A flexible, transparent connector accommodates the slim tube and a color indicator defines placement position.

**Materials:** Fototec®, THERMOtec® 70, Titanium  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** removal cord, surfaces, vent, engraving, etc. (see order options p. 12 - 13)

### 64 OPEN CIC GLUED TUBE



This style is very similar to the 32 CIC click tube. It is especially for narrow ear canals which can not accommodate the flexible connector. As such, the slim tube must be glued in place. A removal string is included as well as a color indicator to define placement position.

**Materials:** Fototec®, Audiasoft AS4, THERMOtec® 50/70  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, vent, engraving, etc. (see order options p. 12 - 13)

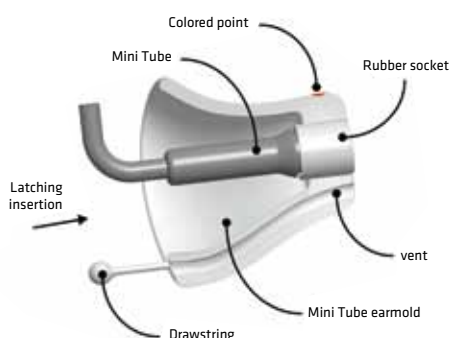
### 65 OPEN EARMOLD GLUED TUBE



This style is very similar to the type 36 earmold. It can be made with canal lock for extra retention. It is especially for narrow ear canals which can not accommodate the flexible connector. As such, the slim tube must be glued in place. A removal string is included as well as a color indicator to define placement position.

**Materials:** Fototec®, Audiasoft AS4, THERMOtec® 50/70,  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### GENERAL INFORMATION



For optimum hold of the selected design, the same conditions for impression or canal shape as for RIC earmolds apply (see pg. 18).

When ordering, please always specify the manufacturer as well as the exact name of the desired mini tube and receiver system. When no other information is given, the vent is always made open to the maximal extend.

Lightly rounded tweezers, small flat-nose pliers, and a drift are recommended as auxiliary tools for processing the mini tube.

## OPEN TUBE EARMOLDS

### OPEN, LIGHT, AND COSMETICALLY APPEALING.

GRACEFUL SHAPES PAIRED WITH FUNCTIONALITY  
AND HIGH PRACTICAL VALUE.

#### 26 OPEN CLAW



The open claw is made for excellent retention in the antitragus and concha cymba.

**Materials:** Fototec®, Acrylic, THERMOtec® 50/70, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, tube, canal length, engraving, etc. (see order options p. 12 - 13)

#### 33 OPEN CYMBA LINE®



The cymba LINE provides maximum ventilation or minimal occlusion of the ear canal. Retention is only in the Concha cymba, and the ear canal must have a distinct bend.

**Materials:** Fototec®, Acrylic, THERMOtec® 50/70, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, tube, canal length, engraving, etc. (see order options p. 12 - 13)

#### 34 OPEN CONCHA LINE®



Open Concha LINE provides maximum ventilation or minimal occlusion. Ear canal is fully open. Retention is in the antitragus, antihelix and cymba areas only.

**Materials:** Fototec®, Acrylic, THERMOtec® 50/70, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, tube, canal length, engraving, etc. (see order options p. 12 - 13)

#### 35 OPEN IROS



Open IROS is a skeleton earmold with a deeply recessed 4mm IROS vent. Smaller venting are optional.

**Materials:** Fototec®, Acrylic, Audiasoft AS4/AS8, THERMOtec® 50/70, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, tube, canal length, engraving, etc. (see order options p. 12 - 13)

#### 37 OPEN TUBE



The open tube earmold is a skeleton mold, fully open in the ear canal. It is an option for CI retention.

**Materials:** Fototec®, Acrylic, Audiasoft AS4/AS8, THERMOtec® 50/70, AUDIA-Legance®, Titanium  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, tube, canal length, engraving, etc. (see order options p. 12 - 13)

## BASIC EARMOLDS THE BASIC EQUIPMENT.

STANDARD EARMOLDS WITH STANDARD DESIGN.

### 23 STANDARD SHELL



The 23 Standard Shell is a compact shell with a slight recess in the lower concha area.

**Materials:** Fototec®, Acrylic, Audiasoft AS2/AS4/AS8, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** none

### 01 COMPACT SHELL



The 01 Compact Shell is a basic option for use as a replacement earmold or during repairs.

**Materials:** Fototec®, Acrylic, Audiasoft AS2/AS4/AS8, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** none

### 02 COMPACT CANAL SHELL



The 02 Compact Canal Shell is a basic option for use as a replacement earmold or during repairs.

**Materials:** Fototec®, Acrylic, Audiasoft AS2/AS4/AS8, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** none

### SAMPLE MADE FROM/ WITHOUT EAR IMPRESSION



We are happy to provide you with sample earmolds for your own practice and demonstration purposes. The blank can be manufactured according to samples or individual ear impressions.

**Materials:** Fototec®, Acrylic  
**Colors:** transparent, transparent-pink  
**Options:** none

## SPECIAL FORMS EARMOLDS FOR SPECIAL APPLICATIONS.

FLEXIBILITY THANKS MADE-TO-MEASURE SHAPES

### 10 SNAPRING EARMOLD



This style is manufactured with a snapping for coupling the external receiver from a body worn hearing aid.

**Materials:** Acrylic, Audiasoft AS4/AS8, THERMOtec® 70,  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, vent, canal length, engraving, etc. (see order options p. 12 - 13)

### 11 RETAINING EARMOLD BONE CONDUCTION



This special open skeleton earmold has a built-in click adapter to accommodate the Bruckhoff bone conduction hearing device.

**Materials:** dependent on bone conduction hearing system  
**Colors:** dependent on the material, variety of colors (p. 14 - 15)  
**Options:** dependent on bone conduction hearing system

### 13 RETAINING EARMOLD COCHLEAR IMPLANT



This earmold offers maximum ventilation with fully open ear canal. Fit and retention are in the concha cymba.

**Materials:** Fototec®, Acrylic, Audiasoft AS8, THERMOtec® 70, AUDIA-Legance®  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### 40 SKID RESISTANT SHELL



This custom earmold is made from a thin, flexible silicone material that fits perfectly in the ear with minimal friction to accommodate especially ear canals which move.

**Materials:** Audiasoft AS8  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, vent, tube, canal length, engraving, etc. (see order options p. 12 - 13)

### 42 SUPPORT EARMOLD



This Support Earmold holds a BTE device securely in place behind the ear. It is often used for deformed or protruding pinnas and avoids pressure points.

**Materials:** Audiasoft AS2/AS4/AS8  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, engraving, etc. (see order options p. 12 - 13)

### 54 RETAINING EARMOLD NOISER BTE / ITE



This retention device is made of soft material to hold a tinnitus masking device that also needs to be worn through the night.

**Materials:** Acrylic, Audiasoft AS2/AS4/AS8  
**Colors:** variety of colors (p. 14 - 15)  
**Options:** surfaces, canal length, engraving, etc. (see order options p. 12 - 13)

## AUDIA FASHION JEWELLERY FOR THE EAR.

COMFORT EARMOLDS WITH ELEGANT, EXTRAVAGANT, AND BOLD LOOK FOR COLOR AND DESIGN ON THE EAR.

### CRYSTAL - FINISHED WITH SWAROVSKI® ELEMENTS



The number, size and color of the crystals are freely selectable. Please enter your selection with your order.

We are happy to manufacture these ear molds in your desired color.

**Type:** Crystal Design 1  
**Materials:** Acrylic  
**Colors:** black, white  
**Design:** Trimming with SWAROVSKI® ELEMENTS

**Type:** Crystal Design 2  
**Materials:** Acrylic  
**Colors:** black, white  
**Design:** Trimming with SWAROVSKI® ELEMENTS



1 - Crystal    2 - Topaz    3 - Rose    4 - Siam  
5 - Amethyst    6 - Sapphire    7 - Emerald

### FLOWERS DESIGN



Flowers Design A

Flowers Design B

Flowers Design C

Flowers Design D

Flowers Design E

**Type:** Comfort Earmold  
**Materials:** Acrylic

**Colors:** multicolor (p. 14)  
**Design:** Flowers Design + letter

### STRASS DESIGN



**Type:** Comfort Earmold  
**Materials:** Acrylic  
**Colors:** multicolor (p. 14)  
**Design:** Strass stones - various sizes and colors - Silver, Gold, Bordeaux Green, Blue, and Purple. Please outline colors and sizes of the stones as well as their arrangement.

### COLOR DESIGN



**Type:** Comfort Earmold  
**Materials:** Acrylic  
**Colors:** multicolor (p. 14)  
**Design:** One or more colors, transparent or saturated. Please submit requests.

### GLITTER DESIGN



**Type:** Comfort Earmold  
**Materials:** Acrylic  
**Colors:** monochrome (siehe S. 14)  
**Design:** Glitter (silver, gold, red, blue, multicolor)

Specific customer requirements can be implemented in consultation with our laboratory.



# JUNIOR LINE HEARING IS A JOY.

BRIGHTLY COLORED EARMOLDS FOR ALL AGES.  
THE APPLICATIONS ARE INSERTED INTO THE SOUND TUBE AND CAN BE REPLACED.

## BABIES



Junior Line - J 1



Junior Line - J 2



Junior Line - J 3



Junior Line - J 4



Junior Line - J 5



Junior Line - J 6



Junior Line - J 12



J 1  
Heart



J 2  
Beetle



J 3  
Smiley



J 4  
Soccer



J 5  
Fish



J 6  
Teddy



J 12  
Hello Kitty

**Type:** Comfort Earmold  
**Materials:** Fototec®, Acrylic, Audiasoft AS2/AS4/AS8, THERMOtec® 50/70,  
**Colors:** variety of colors (p. 14 - 15)

## CHILDREN AND ADOLESCENTS



J 8



J 10

**Type:** Comfort Earmold  
**Materials:** Fototec®, Acrylic  
**Colors:** variety of colors (p. 14 - 15)



J 8 Heart  
light blue



J 10 Star  
light blue

## COLORED TUBES (2.0 X 3.1 MM)

Tubes can be individually colored:



## CUSTOM MADE IN-EAR MODELS IN-EAR-SHELL CONSTRUCTION IN PERFECTION.

SMALL, FINE, AND ALMOST INVISIBLE.

### 63 ITE-SHELL, CIC & 73 CIC WITH ASSEMBLING ELECTRONICS



The CIC ITE-Shell is a hollow shell for production of custom-made completely in-the-canal devices from all manufacturers or a CIC shell in which we place your electronics.

**Materials:** Fototec®, Titanium  
**Colors:** beige (standard), transparent-pink, red and blue thanks to NanoScreen™ paint  
**Options:** surfaces, vent, canal length, engraving, removal cord, etc. (see order options p. 12 - 13)

### 62 ITE-SHELL, CANAL & 72 CANAL ITE WITH ASSEMBLING ELECTRONICS



The ITE-Shell Canal is a hollow shell for production of custom-made in-the-canal devices from all manufacturers or an ITC shell in which we place your electronics.

**Materials:** Fototec®, Titanium  
**Colors:** beige (standard), transparent-pink, red and blue thanks to NanoScreen™ paint  
**Options:** surfaces, vent, canal length, engraving, removal cord, etc. (see order options p. 12 - 13)

### 61 ITE-SHELL, CONCHA & 71 CONCHA ITE WITH ASSEMBLING ELECTRONICS



The ITE-Shell Concha is a hollow shell for production of custom-made full shell in-the-ear devices from all manufacturers or a Concha in which we place your electronics.

**Materials:** Fototec®, Titanium  
**Colors:** beige (standard), transparent-pink, red and blue thanks to NanoScreen™ paint  
**Options:** surfaces, vent, canal length, engraving, removal cord, etc. (see order options p. 12 - 13)

### 76 CYMBA HOOK



The Cymba Hook is a hearing aid in a skeleton mold form. The electronics are placed in the cymba, while the receiver is located in the canal. This option offers a very open fitting and works well for tinnitus masking devices.

**Materials:** Fototec®  
**Colors:** beige (standard), transparent-pink, red and blue thanks to NanoScreen™ paint  
**Options:** surfaces, canal length, engraving, etc. (see order options p. 12 - 13)

## DESIGN OF IN-EAR MODELS THE PERSONAL TOUCH FOR IN-EAR SYSTEMS.

EXCLUSIVE DESIGN FOR EXCLUSIVE CUSTOMERS.

### 75 LEGANCE ITC & 74 LEGANCE ITE WITH ASSEMBLING ELECTRONICS



Full-shell (74) or ITC shell (75) with a customized faceplate but with your electronics built in. The shell material is individually modelled to match the skin of the client or with an IO cover. Each hearing aid is a masterpiece of craftsmanship and is specifically manufactured and adapted for your customers in our modern factory.

The battery compartment is located at the bottom of the concha and can be made for use with 10, 312 or 13 size battery, depending on the size of the ear and the technology used.

(The possibility to produce the desired option with the provided technology is verified before production.)

**Materials:** Fototec®, AUDIA-Legance®  
**Colors:** beige (standard), transparent-pink, red and blue thanks to NanoScreen™ paint  
**Design:** Legance® - Surface selected according to the skin type (p. 14-15)  
**Options:** surfaces, vent, canal length, engraving, removal cord, etc. (see order options p. 12 - 13)

### FINISHED WITH SWAROVSKI® ELEMENTS



1 - Crystal    2 - Topaz    3 - Rose    4 - Siam  
 5 - Amethyst    6 - Sapphire    7 - Emerald

**Type:** 75 ear shell with IO-design faceplate  
**Materials:** Shell LPH black/white, Faceplate Acrylic black/white  
**Ordering information:** The number, size and color of the crystals are freely selectable. Please enter your selection with your order.

### THE VARIOUS IO DESIGNS



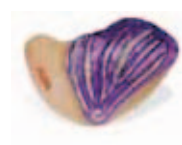
Design A



Design B



Design C



Design D

**Type:** 75 ear shell with IO-design faceplate  
**Materials:** Shell Fototec®, Faceplate Acrylic  
**Ordering information:** Design + letter

## MONITORING PERFECT SOUND FOR PROFESSIONAL EARS.

EAR:FY IN-EAR HEADPHONES COMBINE THE HIGHEST QUALITY SOUND TECHNOLOGY WITH PERFECT FIT, SOUND AND SOPHISTICATED DESIGN.

### EAR:FY<sup>HD3</sup>



#### FOR PERFECTIONISTS.

**EAR:FY<sup>HD3</sup>** is the in-ear sound system for sound purists and high-end perfectionists. Linear three-way sound design, crossover tuning, wide-range balance, and first-class technology are combined with individual customization.

<b>Speaker system:</b>	Three-way earphone
<b>Audio range:</b>	20–20,000 Hz
<b>Max. sound pressure level:</b>	96 dB/97 dB (Bass)
<b>Total harmonic distortion at 1 kHz:</b>	< 0.2 %
<b>Impedance:</b>	55 Ohm
<b>Transducer type:</b>	Electromagnetic
<b>Sound output mode:</b>	Stereo
<b>Jack:</b>	3.5 mm
<b>Color:</b>	white, black
<b>Optional:</b>	Refined with SWAROVSKI® ELEMENTS Bass boost

### EAR:FY<sup>HD1</sup>



#### FOR INDIVIDUALISTS.

**EAR:FY<sup>HD1</sup>** is distinguished by brilliant sound, perfect Hi-Fi sound, and maximum comfort.

<b>Speaker system:</b>	One-way earphone
<b>Audio range:</b>	20–17,000 Hz
<b>Max. sound pressure level:</b>	91 dB/93 dB (Bass)
<b>Total harmonic distortion at 1 kHz:</b>	< 0.2 %
<b>Impedance:</b>	63 Ohm
<b>Transducer type:</b>	Electromagnetic
<b>Sound output mode:</b>	Stereo
<b>Jack:</b>	3.5 mm
<b>Color:</b>	white, black
<b>Optional:</b>	Refined with SWAROVSKI® ELEMENTS Bass boost

### SWAROVSKI® ELEMENTS - COLORS



- 1 – Crystal    2 – Topaz    3 – Rose    4 – Siam  
5 – Amethyst    6 – Sapphire    7 – Emerald

## MONITORING PERFECT SOUND FOR PROFESSIONAL EARS.

PERFECT FIT AND SOPHISTICATED DESIGN.

### 55 MONITORING



This custom earmold is made to accommodate earphones and provides high wearing comfort, external noise attenuation and sound quality.

**Tip:** The earphones to be used with these earmolds should be sent along with the ear impressions. Please also indicate the position of the receiver and cable when worn on the ear.

**Materials:** Audiasoft AS4/AS8  
**Colors:** variety of colors (p. 14 - 15)  
**Variants:** Can be realized for all Hi-Fi earphones or headsets.

## FOX:EAR FOR HUNTERS AND SHOOTER.

ACTIVE HUNTING AMPLIFIER – INDIVIDUAL AND PRECISE.

### FOX:EAR



Farbbeispiel

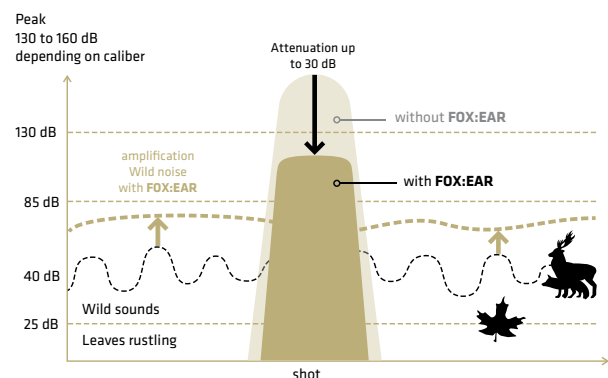
**FOX:EAR** is an individual, active hunting amplifier. Exactly what a successful hunter needs and desires:

Listen like a fox, detect the wildlife earlier with successful tracking — reach your goal more precisely. When shooting, the dangerous impulse peaks are quickly and reliably reduced.

For further information: [www.foxear.de](http://www.foxear.de)

**Type:** Concha  
**Materials:** FotoTec®  
**Colors:** beige or with yellow, green or blue faceplate and transparent shell  
**Specials:** available as hearing loss or standard programming variant

Many active hunters and shooters have suffered hearing loss. Depending on the calibre of shot, dangerous sound peaks of 140 to 160 dB can occur. With **FOX:EAR**, these impulse peaks are quickly and reliably reduced by up to 30 dB.

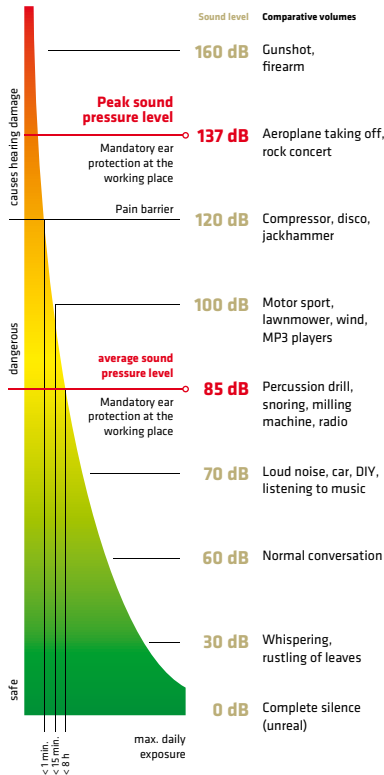


# PROTECTIVE EARMOLDS

## CUSTOMIZED HEARING PROTECTION.

HIGH-QUALITY AUDIA HEARING PROTECTION PRODUCTS FOR ALL SITUATIONS.

### GENERAL INFORMATION



The ear is a sensitive organ. Depending on the intensity, frequency, and duration, noise can damage hearing within a short time. Despite measures for attenuation, the level of noise at the working place, in traffic, and especially in recreation has increased. Working in hobby shops, mowing lawns, playing video games, or riding motorcycles are just a few examples. Noise is also a stress factor and can lead to malaise, headache, hypertension, insomnia, a drop in performance, and depression. You should therefore make provisions for this.

As a rule of thumb for hearing protection: non-custom earplugs are sufficient for infrequent applications, but customized designs with high comfort and excellent fit are recommended for frequent applications. Custom-made hearing protection always fits correctly, while other earplugs will only provide minimal insulation, especially if they are inserted incorrectly.

In accordance with EC Directive 2003/10/EC on noise, type-tested/certified hearing protection is mandatory when the daily noise exposure level (8h) exceeds 85 dB(A).

Hearing protection certified in accordance with EN 352-2 is required for occupational use. This is approved as personal protective equipment (PPE) and fulfils the requirements of Directive 89/686/EEC. Approved hearing protection bears the CE mark.



As part of operational noise prevention, the law requires a functional check in the case of customized hearing protection. The main legal requirements, the meaning and implementation of a functional check, and other information are summarized on [www.audia-akustik.de](http://www.audia-akustik.de) under AUDIA (for access, see pg. 5).

### OVERVIEW OF ATTENUATION VALUES AND FEATURES

For the overview and assessment of the insulation effect, we have specified the following parameters in addition to the attenuation curve for each hearing protection or the various filters:

**H-value** (High = insulation value for high frequencies)

**M-value** (Medium = insulation value for medium frequencies)

**L-value** (Low = insulation value for low frequencies)

The following parameters must also be considered when selecting suitable ear protection and are specified in the overview:

- W - warning signal hearing, general, information-containing sounds, speech intelligibility
- S - signal hearing in track superstructure
- E - signal hearing for drivers and engineers in railway operations
- V - signal hearing for drivers in road transport
- X - flat-insulating hearing protection for individuals with hearing loss and musicians

### OVERVIEW/QUICK SELECTION

The various individual hearing protectors or filters have different fields of application. Here is a brief overview to simplify the selection:

Music	Industrial/ occupational	Hunters/ shooters	Motor sport	Swimming	Travelling/ sleeping
ELACIN® ER CLEAROUND® DM-FILTER	DLX-PRO BIOPACT® ALPINE® ePRO-X DLO®	FOX:EAR SHOTKILLER®	RACING EARPLUG BIOPACT® RACING EARPLUG ALPINE®	CATAMARAN®	SLEEPING EARPLUG

## PROTECTIVE EARMOLDS CUSTOMISED HEARING PROTECTION.

HIGH-QUALITY AUDIA HEARING PROTECTION PRODUCTS FOR ALL SITUATIONS.

### EAR PROTECTION PLUG

### ATTENUATION



18 Hearing Protection, Canal    19 Hearing Protection, Concha

**Types:** 18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
**Materials:** Audiasoft AS4  
**Colors:** variety of colors (p. 14 - 15)  
**Standard:** AUDIA Protection-Case, handle bar, User manual, Side marker  
**Options:** AUDIA Softcase, cord

without Filter	
<b>SNR</b>	24 dB
<b>H</b>	27 dB
<b>M</b>	20 dB
<b>L</b>	19 dB
<b>W</b>	•
<b>S</b>	•

These comfortable, perfectly fitting earplugs, with high noise attenuation level of 24dB, are great protection in noisy environments.

### SLEEPING EARPLUG



17 Sleeping Earplug

**Types:** 17 Sleeping Earplug  
**Materials:** Audiasoft AS2/AS4  
**Colors:** variety of colors (p. 14 - 15)  
**Standard:** AUDIA Protection-Case, handle bar, User manual, Side marker  
**Options:** AUDIA Softcase

The comfort guard, which is individually manufactured from a mold, is made of soft, thin-walled Audiasoft, reduces the feeling of pressure and provides for a peaceful sleep.

### CATAMARAN-SWIM PROTECTION



41 Swim Protection, tricolor

41 Swim Protection, bicolor marbled

Bathsafe

**Types:** 41 Swim Protection  
**Materials:** AUDIA-Catamaran®  
**Colors:** variety of colors (p. 14 - 15)  
**Standard:** AUDIA Protection-Case, handle bar, User manual  
**Options:** floatable cord (red, blue, yellow, purple or transparent), AUDIA Softcase, Bathsafe (red, blue or yellow)

The swim protection, individually manufactured from a mold, made from soft buoyant silicone reliably provides protection against splashing water when showering, bathing and swimming.



# PROTECTIVE EARMOLDS CUSTOMIZED HEARING PROTECTION.

HIGH-QUALITY AUDIA HEARING PROTECTION PRODUCTS FOR ALL SITUATIONS.

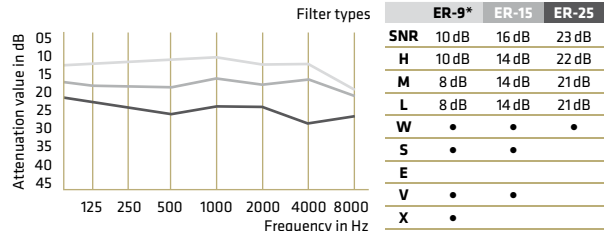
## ELACIN® ER

## ATTENUATION

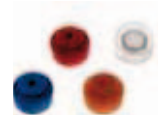


18 Hearing Protection, Canal  
19 Hearing Protection, Concha

**Types:** 18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
**Materials:** Audiasoft AS4/AS8  
**Colors:** variety of colors (p. 14 - 15)  
**Filter:** 3 types of filters  
For attenuation value, see diagram  
**Standard:** AUDIA Softcase,  
User manual,  
Side marker



ELACIN ER is the high-end music earplug for discerning listeners and professionals. Durable, skin-friendly silicone offers the maximum wearing comfort.



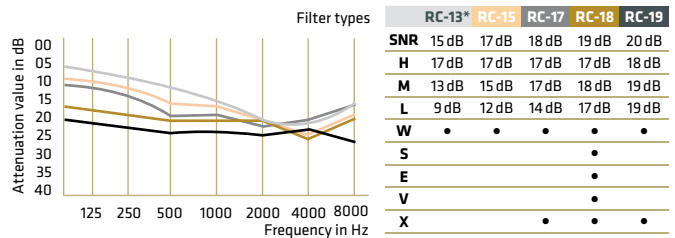
## CLEAR SOUND®

## ATTENUATION

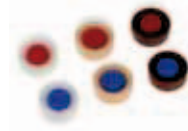


18 Hearing Protection, Canal

**Types:** 18 Hearing Protection, Canal  
**Materials:** Audiasoft AS4/AS8  
**Colors:** variety of colors (p. 14 - 15)  
**Filter:** 5 types of filters  
For attenuation value, see diagram  
**Standard:** AUDIA Protection-Case,  
User manual,  
Side marker  
**Options:** AUDIA Softcase, handle, cord



Individual music earplug for rhythm-emphasized music styles. Good linear speech intelligibility, replaceable filter for five different attenuation characteristics. Side indication by filter color included.



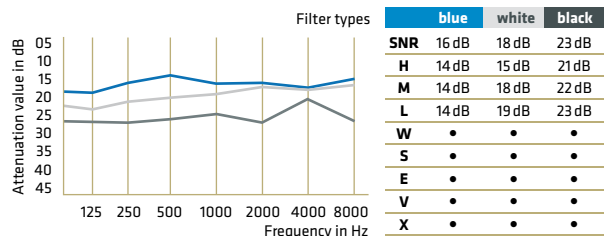
## DM-FILTER

## ATTENUATION



18 Hearing Protection, Canal  
19 Hearing Protection, Concha

**Types:** 18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
**Materials:** Audiasoft AS4  
**Colors:** variety of colors (p. 14 - 15)  
**Filter:** 3 types of filters  
**Standard:** AUDIA Protection-Case,  
User manual, Side marker  
**Options:** AUDIA Softcase, handle, cord



The individual earmolds with the innovative DM filters attenuate the volume linear across the entire frequency range. This means: music, speech or noises are simply made quieter via volume control, without changing or distorting the sound.



The hearing protection has been tested and approved in accordance with EN 352-2: 2002 and thus complies with the requirements of Directive 89/686/EEC on personal protective equipment (PPE).  
\* This filter or design does not meet the conditions of PPE.



## PROTECTIVE EARMOLDS CUSTOMIZED HEARING PROTECTION.

HIGH-QUALITY AUDIA HEARING PROTECTION PRODUCTS FOR ALL SITUATIONS.

### DLXPRO

### ATTENUATION



18 Hearing Protection, Canal  
19 Hearing Protection, Concha

**Types:** 18 Hearing Protection, Canal  
19 Hearing Protection, Concha

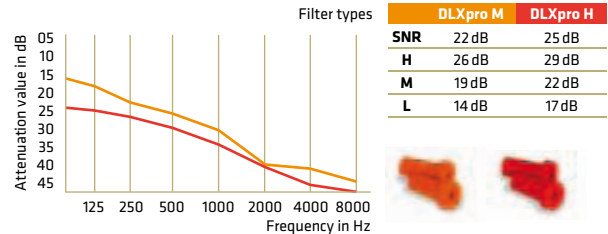
**Materials:** Fototec®

**Colors:** transparent-pink

**Filter:** 2 types of filters

**Standard:** AUDIA Protection-Case, User manual, Side marker

**Options:** AUDIA Softcase, handle, cord



The DLXpro filters were developed for industrial applications. DLXpro M stands for medium attenuation and DLXpro H stands for high damping. These earplugs are available in a hard material.

### BIOPACK®

### ATTENUATION



18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
16 Racing Earplug\*

**Types:** 18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
16 Racing Earplug\*

**Materials:** Audiasoft AS4/AS8

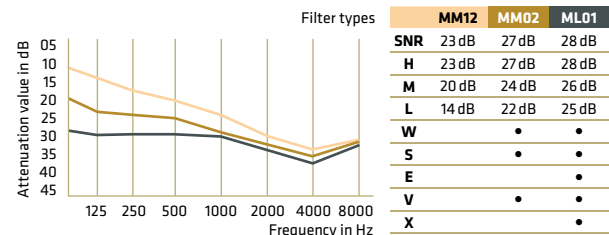
**Colors:** variety of colors (p. 14 - 15)

**Filter:** 3 types of filters

For attenuation value, see diagram

**Standard:** AUDIA Protection-Case, User manual, Side marker

**Options:** AUDIA Softcase, cord



This open system with exchangeable filter offers secure protection and is ideal for workplaces with noise levels above 80dB. Form 16 Racing Earplug\* has molded wind deflectors and can be comfortably worn under helmets.

### ALPINE®

### ATTENUATION



18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
16 Racing Earplug\*

**Types:** 18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
16 Racing Earplug\*

**Materials:** Audiasoft AS2/AS4/AS8, Fototec®

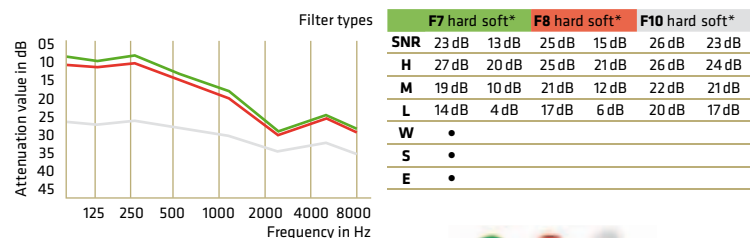
**Colors:** variety of colors (p. 14 - 15)

**Filter:** 3 types of filters

For attenuation value, see diagram

**Standard:** AUDIA Protection-Case, User manual, Side marker

**Options:** AUDIA Softcase, cord



The ALPINE earplug has three different filter types with different attenuation and is available in hard or soft material. ALPINE is primarily used for legally required personal protective equipment at work. Form 16 Racing Earplug\* has molded wind deflectors and can be comfortably worn under helmets.



The hearing protection has been tested and approved in accordance with EN 352-2: 2002 and thus complies with the requirements of Directive 89/686/ EEC on personal protective equipment (PPE).  
\* This filter or design does not meet the conditions of PPE.

## PROTECTIVE EARMOLDS CUSTOMIZED HEARING PROTECTION.

HIGH-QUALITY AUDIA HEARING PROTECTION PRODUCTS FOR ALL SITUATIONS.

ePRO-X

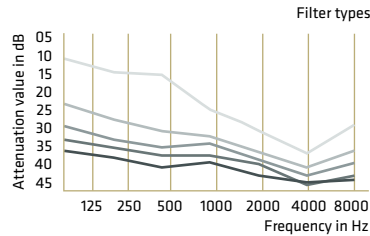
ATTENUATION

CE



18 Hearing Protection,  
Canal

- Types:** 18 Hearing Protection, Canal  
**Materials:** Audiasoft AS  
**Colors:** variety of colors (p. 14 - 15)  
**Filter:** 4 attenuation elements w. approval,  
1 comfort attenuation element  
see diagram  
**Standard:** AUDIA Softcase, caring gel,  
User manual,  
Side marker, handle,  
Additional sound channel  
**Options:** Cord, engraving



The innovative earplug made of proven soft material impresses with its high level of wearing comfort and its attenuation properties. Five different attenuation elements, precisely produced of durable stainless steel, allow for the adjustment of the hearing protection to a variety of noise areas and application purposes.



SHOTKILLER®

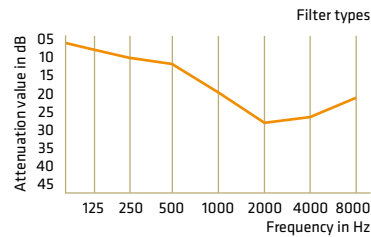
ATTENUATION



18 Hearing Protection,  
Canal

SHOTKILLER®  
ER Adapter

- Types:** 18 Hearing Protection, Canal  
19 Hearing Protection, Concha  
**Materials:** Audiasoft AS4  
**Colors:** variety of colors (p. 14 - 15)  
**Standard:** AUDIA Protection-Case,  
User manual, Side marker  
**Options:** AUDIA Softcase, handle, cord  
**Variants:** Filter directly in silicone earmold  
Filter in Elacin-ER adapter  
Filter installed in ELACIN-ER adapter  
(allowing filter change)



These earplugs made from soft material attenuate impulse noise, such as with shooting sports. It is comfortable to wear and is also available with an additional cord to wear around the neck when not in the ear.



HEARING PROTECTION ACCESSORIES



Each individual hearing protector comes with **AUDIA protection case**.

You can also get the **AUDIA soft case** for the safe storage of your individual hearing protectors.

CE

The hearing protection has been tested and approved in accordance with EN 352-2: 2002 and thus complies with the requirements of Directive 89/686/EEC on personal protective equipment (PPE).  
 \* This filter or design does not meet the conditions of PPE.

Wir hören uns.



**AUDIA**

## ORDERING MATRIX COMBINATIONS.

Possible combinations of shape, material, and surface. When ordering, please use the form no. and abbreviations from the overview as well as the colors and accessories from the catalog.

	Nr.	Fototec®																			
		TAC	AS2	AS4	AS8	ASK	TC5	TC7	LEG	TIN	CAT	CK	K	SF	DT	PP	LH	W	Y	QC	MFx
<b>Bauform</b>																					
<b>Comfort</b>																					
Skeleton	20																				
Shell	25																				
Claw	26																				
Hook	28																				
Canal Shape with a short lock Design	31																				
HOKA® Canal Style/Hook	38/39																				
Canal Style	29																				
<b>RIC / Slim Tube / Open Fit</b>																					
Open CIC Click Tube	32																				
Open CIC RIC	32																				
Open Earmold with Micro-tube Click-System	36																				
Open Earmold RIC	36																				
Open CIC Glued Tube	64																				
Open Earmold Glued Tube	65																				
Power RIC ITE Shell	66																				
Power RIC ITE Shell with integrated Receiver	67																				
Open Concha Line®	34																				
Open Claw	26																				
Open Tube	37																				
Open Cymba Line®	33																				
Open IROS	35																				
<b>Protection</b>																					
Swim Protection	41																				
Hearing Protection, Plug Canal	18																				
Hearing Protection, Concha	19																				
Racing Earplug	16																				
Sleeping Earplug	17																				
<b>Special Types</b>																					
Snapring Earmold	10																				
Retaining Earmold Bone Conduction	11																				
Skid Resistant Shell	40																				
Retaining Earmold Cochlear Implant	13																				
Retaining Earmold Noiser BTE / ITE	54																				
Support Earmold	42																				
Monitoring	55																				
<b>IO custom-made</b>																					
ITE-Shell, Concha	61																				
ITE-Shell, Canal	62																				
ITE-Shell, CIC	63																				
Cymba Hook	76																				
Concha ITE with assembling electronics	71																				
Canal ITE with assembling electronics	72																				
CIC with assembling electronics	73																				
Legance® ITE with assembling electronics	74																				
Legance® ITC with assembling electronics	75																				
Semi Module Shell	52																				
<b>Basic</b>																					
Compact Shell/Canal Style	01/02																				
Standard Shell	23																				
Sample made from/without Ear Impression																					
<b>Surfaces</b>																					
Polished	G																				
Matt finished	A																				
Polished / Matt finished	GA																				
Glazed	VL																				
Silicone	SI																				
Gold-plated	VG																				
Nanopro	NANO																				
NanoScreen™ Lacquer	SCREEN																				

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