PRODUCT CATALOGUE

HEARING PROTECTION COLLECTION.
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SAFE AND COMFORTABLE HEARING PROTECTION.

AUDIA AKUSTIK is individually adapted to noise and hearing protection, allowing for optimal protection of the hearing in any noise environment. The acoustic signals that are important for the customer remain perceptible and harmful noise is effectively reduced. This way, your customers, whether at work or at play, can live life to the full – without any risk to their hearing.
Hearing protection selection

The following points should be taken into account when choosing the right hearing protection:

- PPE approval or CE marking (EN352) for commercial and private use
- Sound insulation requirements
- Medium- to high-frequency noises (welding torches, diesel engines and grinding machines etc.) or low-frequency noises (excavators, incinerators and compressors etc.)
- Wearing comfort
- Work environment and physical stress
- Medical abnormalities (such as ear infections, earache and hearing loss etc.)
- Compatibility with other head equipment (hard hats or safetyoggles)
- Signal hearing and/or speech intelligibility required
HARMFUL NOISE IS OFFICIALLY RECOGNISED AS AN IRREVERSIBLE HEALTH HAZARD BY PPE REGULATION (EU) 2016/425. FOR COMMERCIAL AND PRIVATE USE, HEARING PROTECTION MUST BE APPROVED AS PERSONAL PROTECTIVE EQUIPMENT (PPE) AND COMPLY WITH THE ABOVE PPE REGULATION. EARPLUGS OR EARMOLDS MUST COMPLY WITH TEST STANDARD EN352-2.

REQUIREMENTS FOR AUDIOLOGISTS:

- CE marking
- Required documents (declaration of conformity)
- User manual
- Manufacturer’s mark on the PPE
- Brand name of the PPE
- Performance of a functional test

According to the manufacturer’s instructions, the functional test must be carried out by the audiologist within six months of initial delivery and the result must be reported to the manufacturer and handed over to the user. The functional test is supplemented by practical training, which is compulsory in the commercial sector. Likewise, other dangers that are listed in the user manual must be pointed out.

The product category PPE (personal protective equipment) encompasses all earmolds manufactured by AUDIA which are EN352-approved and CE-marked accordingly. All PPE-compliant products are marked as such externally, in the catalogue and EASYORDER order portal and on the website.

AUDIA advises and supports you in all matters relating to the new regulation. As a dependable partner, we take every step possible to ensure that new requirements are implemented in an uncomplicated and legally compliant manner. This allows you to continue to adjust earmolds easily and efficiently. Should you require further information and instructions, we have summarised the key requirements of the legislation and the importance of performing a functional test on our website www.audia-akustik.de/psa.
FEATURES

› EASY ACCESS THROUGH YOUR BROWSER

› EASY TO USE

› PERSONAL SETTINGS

› ALL ORDERS IN ONE OVERVIEW

› INFO HELP DESK

› INTEGRATION INTO YOUR MERCHANDISE MANAGEMENT

› ALWAYS STATE-OF-THE-ART THANKS TO UPDATES

› IMPRINTS CAN BE POSTED OR SCANNED

IT’S SO EASY.

THE EASYORDER USER-FRIENDLY ORDER SYSTEM FOR HEARING PROTECTION, EARPLUGS AND HEADPHONES.
The user-friendly system guides you through your order step by step. In the order overview, you can see all your orders in full view, including status tracking. EASYORDER gets you high-quality hearing protection more quickly. Your imprints can be sent electronically or by post. It’s also easy for you to incorporate EASYORDER into your merchandise management, for example AMPAREX or ASEGO.

The login details for EASYORDER can be obtained from the AUDIA Customer Service Team on +49 (0) 3634 / 693 111. Using these, you can simply sign up at easyorder.audia-akustik.de. You can save your default requests for the time being in Settings; find out more about the functions of EASYORDER in the Help section.

**SIMPLE, FAST AND NO PREVIOUS KNOWLEDGE IS REQUIRED. HEARING PROTECTION IS JUST A FEW CLICKS AWAY.**

**EASYORDER introduction video**
Scan the QR code and take a look at the new interface and the dynamic, smart order form on our YouTube channel.

**easyorder.audia-akustik.de**
Scan the QR code and sign up directly to EASYORDER with your login details.
WITH THE LATEST TECHNOLOGY IN HEARING PROTECTION.

We only accept the best when it comes to the production of our earmolds, which guarantees that they are pleasant to touch and look at. Many years of technical expertise and state-of-the-art CAD/CAM technology go hand in hand.

In our specialised training centre, we impart theoretical and practical content about our earmold range and the PPE regulation.
ORDER OPTIONS

FOR OPTIMAL ADJUSTMENT.
**LASER MARKING/PERSONAL LABEL**

On request, earplug labels can be customised using a laser, either in black or white. You can customise up to three lines, with the option of using your company logo*, customer name, date and order number etc.

*To arrange a customised engraving, please contact our Customer Service Team, who will look into this for you. There are set-up costs.

**SIDE MARKING**

All earplugs are marked with a red (right) or blue (left) dot on the side as standard.

**INTEGRATED HANDLE**

The handle integrated into the earmolds allows for easy insertion and removal. With the ELACIN® RC and ELACIN® CH, the mini grip is optional and can be requested, instead of the integrated handle.

**ELASTIC CORD**

The cord is attached to the integrated handle on the earmold, to prevent the loss of hearing protection during frequent removal and insertion.

**COLLAR CLIP**

The collar clip is used to attach the elastic cord to the wearer's collar.

**DETECTOR BALL**

The detector ball is a tiny metal ball bearing inserted into the earmolds and used for instance, in the food industry. Not necessary for earmolds with an ePRO-X filter.

**AUDIA PROTECTION CASE**

For each individual earmold, we deliver our AUDIA protection case as standard.

**AUDIA SOFT CASE**

An AUDIA soft case for each individual earmold can also be ordered as an option.

**BATHSAFE**

The bathsafe is used for the mobile storage of swim protection earmolds when bathing and swimming, to be used at any time as required.
MATERIALS AND COLOURS.

SMALL MATERIALS AND COLOURS SCIENCE.

THE BASIS FOR DIVERSE DESIGN POSSIBILITIES.
FOC FOTOTEC®

With our premium product Fototec®, you can adjust your earmolds at the highest level. Fototec® is a laser-cured plastic for the manufacture of earmolds based on 3D printing and offers the various innovative advantages of digital production.

AS AUDIASOFT

Elastic cold-vulcanised silicone with various shore hardinesses, maintains elasticity, very high tear strength and sealing effect, non-slip. AS earmolds are lacquer-coated as standard.

AS 25 AUDIASOFT 25 SHORE (EXTRA SOFT)

AS 40 AUDIASOFT 40 SHORE (MEDIUM SOFT)

AS 70 AUDIASOFT 70 SHORE (TOUGH-ELASTIC)

FF 60 FLEXFIT 60 SHORE (FOR ELACIN® EARPLUGS)

The soft, flexible Lasersoft Flexfit material guarantees optimal wearing comfort without any feeling of pressure.

SW AUDIA-SWIM®

Swim® is super-soft, buoyant silicone. It’s specially designed for the requirements of wet environments. 35 Shore and 25 Shore cannot be combined.

SW35 35 SHORE

Note: If no selection is made, we will assume that the bold colours are your preference. Transparent and transparent pink or beige with swimming protection; not subject to any surcharge in the calculation.
The innovative ePRO-X.S earplugs are individually manufactured with a comfortable, soft material. They stand out when it comes to their optimal wearing comfort and superior insulating properties. Their core component is the durable, replaceable filter element made of stainless steel. The earmolds are also fitted with an ancillary sound channel, allowing for the connection of additional products. If the channel is not used, it is sealed with a sealing plug.

Five different filter elements, made of high-precision, durable stainless steel, enable adjustment of the earplugs to different noise ranges and applications (1 to 5 coded rings for visual differentiation).

**Design**
- **18 canal-style protection**
- **Material**: AudiaSoft AS 70
- **Colours**: Colour selection, see p. 13
- **Filters**: 5 different, replaceable filter elements
- **Includes**: Audia Soft case, care gel, user manual, side marking, additional sound channel with sealing plug
- **Options**: Handle, white cord, collar clip, engraving
- **Application**: Industry, manual work, hobbies, motor sports

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment (PPE).

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

*Attention:* The "X 1M" filter does not make the PRO-X.S earmolds personal protective equipment, as it does not meet the minimum insulation requirements of EN352-2. It may therefore be used for comfort purposes only, e.g. in the event of intrusive background noise.

**Note:** Please refer to the overview on pages 24-25 for the item numbers of replacement filters and accessories.
The innovative ePRO-X.S earplugs are individually manufactured with a hard, dirt-repellent material. They stand out with their optimal wearing comfort and superior insulating properties. A central, durable filter element made of stainless steel and a special holding system for straightforward filter changes complement the overall package.

Five different filter elements, made of high-precision, durable stainless steel, enable adjustment of the earplugs to different noise ranges and applications (1 to 5 coded rings for visual differentiation).

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment (PPE).

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

*Attention: The “X 1M” filter does not make the ePRO-X.A earmolds personal protective equipment, as it does not meet the minimum insulation requirements of EN352-2. It may therefore be used for comfort purposes only, e.g. in the event of intrusive background noise.
The customised ePRO-STOP earplugs are available in hard (ePRO-STOP.A) or soft (ePRO-STOP.S) material. They stand out thanks to their optimal wearing comfort and a high, broadband insulation effect (without any filter element).

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment.

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

Note: Please refer to the overview on pages 24-25 for the item numbers of accessories.
ALPINE®
CUSTOMISED PROTECTIVE EARMOLDS.
HIGH QUALITY AUDIA HEARING PROTECTION PRODUCTS FOR ALL SITUATIONS.

ALPINE®

Alpine® earplugs are available in a hard or soft material and are fitted with a special filter element for optimal insulation.

Three different plastic filter elements enable adjustment of the earplugs to different noise ranges and applications (in different colours for visual differentiation):

- **F7** (soft)
- **F8** (hard)
- **F10** (soft)

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment (PPE).

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

**Design**
18 CANAL-STYLE PROTECTION

**Material**
FOTOTEC®, AUDIasoFT AS 40

**Colours**
COLOUR SELECTION, SEE P. 13

**Filters**
3 DIFFERENT FILTER ELEMENTS

**Includes**
AUDIA PROTECTION CASE,
USER MANUAL, SIDE MARKING

**Options**
AUDIA SOFT CASE, HANDLE,
CORD, COLLAR CLIP, DETECTOR
BALL, ENGRAVING

**Application**
INDUSTRY, MANUAL WORK,
HOBBIES, MOTOR SPORTS

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**Insulation characteristics (type examination according to EN 352-2):**

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>8000</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>F7</strong>&lt;br&gt;SNR: 23</td>
<td>L: 14, M: 19, H: 27</td>
<td><strong>Signals:</strong></td>
<td><strong>W, S</strong></td>
<td>Mf (dB)</td>
<td>15.1</td>
<td>16.9</td>
<td>20.2</td>
</tr>
<tr>
<td>SF (dB)</td>
<td>6.2</td>
<td>5.7</td>
<td>4.4</td>
<td>4.3</td>
<td>4.7</td>
<td>5.2</td>
<td>5.0</td>
</tr>
<tr>
<td>APV (dB)</td>
<td>8.9</td>
<td>11.2</td>
<td>15.8</td>
<td>21.9</td>
<td>26.9</td>
<td>27.6</td>
<td>31.8</td>
</tr>
</tbody>
</table>

Note: Please refer to the overview on pages 24-25 for the item numbers of replacement filters and accessories.
The Elacin® CH earmolds are individually manufactured with a soft material and come with a special noise protection filter. Therefore, they provide an ideal combination of maximum wearing comfort and optimum protection. The special mini grip design with a flexible, ring-shaped handle is especially suited for use under a helmet and was initially developed for the motorcycle squad of the Dutch traffic police.

Four different high-quality plastic filter elements enable adjustment of the earplugs to different noise ranges and applications (in different colours for visual differentiation). The filters are easy to change and also have a coloured side marking (red/blue).

Attention: As a different sound channel diameter is required for the CH30 filter, the earpiece must be reproduced when changing to or from this filter to another filter.

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment (PPE).

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

Note: Please refer to the overview on pages 24-25 for the item numbers of replacement filters and accessories.
**ELACIN® RC**

CUSTOMISED PROTECTIVE EARMOULD.

HIGH-QUALITY AUDIA HEARING PROTECTION PRODUCTS FOR ALL SITUATIONS.

The Elacin® RC earplugs are individually designed with a soft material and have a patented insulation filter concept, which provides improved transparency at higher frequencies. Thanks to these significantly improved insulation characteristics, it provides excellent speech intelligibility and can detect working noise and warning signals.

Five different high-quality plastic filter elements enable adjustment of the earplugs to different noise ranges and applications (in different colours for visual differentiation). The filters are easy to change and also have a coloured side marking (red/blue).

**DESIGN**

18 CANAL-STYLE PROTECTION

**MATERIAL**

FLEXFIT 60 SHORE (FF 60)

**COLOURS**

COLOUR SELECTION, SEE P. 13

**FILTERS**

5 DIFFERENT, REPLACEABLE FILTER ELEMENTS

**INCLUDES**

AUDIA PROTECTION CASE, USER MANUAL, SIDE MARKING

**OPTIONS**

AUDIA SOFT CASE, HANDLE, CORD, MINI GRIP, COLLAR CLIP, DETECTOR BALL, ENGRAVING

**APPLICATION**

INDUSTRY, MANUAL WORK, Hobbies, MOTOR SPORTS, MUSIC, CONCERTS

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment (PPE).

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

"Attention: The “RC13” filter does not make the Elacin RC earmolds personal protective equipment, as it does not meet the minimum insulation requirements of EN352-2. It may therefore be used for comfort purposes only, e.g. in the event of intrusive background noise.

**Note:** Please refer to the overview on pages 24-25 for the item numbers of replacement filters and accessories.
The Elacin® ER earplugs offer high-end hearing protection for discerning users. They are individually manufactured with a comfortable, soft material. The special membrane filter creates a uniform attenuation over the entire frequency range, which preserves natural tone and prevents distortion.

Three different high-quality, plastic membrane filters enable adjustment of the earplugs to different noise ranges and purposes (with the filters marked 9/15/25 for differentiation purposes). The filters are easily changeable and available in different colours (red/blue/transparent).

**Design**
- 18 Canal-style protection

**Material**
- Flexfit 60 Shore (FF 60)

**Colours**
- Colour selection, see p. 13

**Filters**
- 3 different, replaceable filter elements

**Includes**
- Audia protection case, user manual, side marking

**Options**
- Cord, engraving

**Application**
- Music, concerts, hobbies

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment (PPE).

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

*Attention:* The "ER9" filter does not make the Elacin ER earmolds personal protective equipment, as it does not meet the minimum insulation requirements of EN352-2. It may therefore be used for comfort purposes only, e.g. in the event of intrusive background noise.

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**Insulation characteristics (type examination according to EN 352-2):**

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>MF (dB)</td>
<td>22.6</td>
<td>24.0</td>
<td>26.4</td>
<td>24.4</td>
<td>24.4</td>
<td>27.5</td>
<td>25.4</td>
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<tr>
<td>SF (dB)</td>
<td>4.7</td>
<td>4.5</td>
<td>3.9</td>
<td>3.7</td>
<td>3.3</td>
<td>2.3</td>
<td>4.5</td>
</tr>
<tr>
<td>APV (dB)</td>
<td>17.9</td>
<td>19.5</td>
<td>22.5</td>
<td>20.7</td>
<td>21.1</td>
<td>25.2</td>
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</table>

**ER15**

<table>
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<th>Frequency (Hz)</th>
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<th>500</th>
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<th>2000</th>
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<tbody>
<tr>
<td>MF (dB)</td>
<td>17.5</td>
<td>17.6</td>
<td>18.0</td>
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<td>17.3</td>
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<tr>
<td>SF (dB)</td>
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<td>2.8</td>
<td>2.6</td>
<td>2.6</td>
<td>2.8</td>
<td>3.9</td>
</tr>
<tr>
<td>APV (dB)</td>
<td>13.7</td>
<td>14.6</td>
<td>15.2</td>
<td>13.7</td>
<td>14.7</td>
<td>13.0</td>
<td>16.9</td>
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</table>

**ER9***

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
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<th>4000</th>
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</thead>
<tbody>
<tr>
<td>MF (dB)</td>
<td>14.3</td>
<td>12.2</td>
<td>10.8</td>
<td>10.3</td>
<td>13.5</td>
<td>12.6</td>
<td>19.2</td>
</tr>
<tr>
<td>SF (dB)</td>
<td>3.3</td>
<td>2.8</td>
<td>5.0</td>
<td>3.5</td>
<td>3.2</td>
<td>3.4</td>
<td>3.7</td>
</tr>
<tr>
<td>APV (dB)</td>
<td>10.4</td>
<td>9.4</td>
<td>5.8</td>
<td>6.8</td>
<td>10.3</td>
<td>9.2</td>
<td>15.5</td>
</tr>
</tbody>
</table>

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**Note:** Please refer to the overview on pages 24-25 for the item numbers of replacement filters and accessories.
The DM earplugs are specially developed for musicians and music lovers. They are individually manufactured with a comfortable, soft material. The special, small membrane filter creates a linear attenuation across the entire frequency range, which preserves natural sound tone and prevents distortion.

Three different high-quality, plastic membrane filters enable adjustment of the earplugs to different noise ranges and purposes (in different colours in the interests of visual differentiation).

DM black
- Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000
- SF (dB): 3.4, 3.6, 3.7, 3.2, 3.8, 2.6, 2.8
- APV (dB): 23.3, 23.8, 23.2, 23.1, 24.5, 17.6, 23.9

DM white
- Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000
- MF (dB): 24.3, 22.5, 22.0, 21.9, 18.8, 19.9, 16.6
- SF (dB): 3.8, 2.3, 2.7, 2.5, 4.1, 2.5, 2.9

DM blue
- Frequency (Hz): 125, 250, 500, 1000, 2000, 4000, 8000
- MF (dB): 18.4, 17.7, 15.9, 18.1, 18.3, 19.4, 17.5
- SF (dB): 3.9, 2.9, 3.3, 4.0, 4.4, 2.5, 4.5
- APV (dB): 15.5, 14.8, 12.6, 14.1, 13.9, 16.9, 13.0

The hearing protection has been tested in accordance with EN352-2 and meets the requirements of PPE Regulation (EU) 2016/425 on personal protective equipment (PPE).

You can find the full declaration of conformity on our homepage at: www.audia-akustik.de (Downloads)

Note: Please refer to the overview on pages 24-25 for the item numbers of replacement filters and accessories.
The customised swim protection earmolds are made of soft, comfortable, buoyant silicone. They reliably protect the ears against incoming water or splashes when bathing, showering or doing moderate water sports. Available in 15 great colours and two degrees of hardness.

**SWIM PROTECTION***

*Attention: There is no type examination according to EN352-2 for the swim protection earmolds, so the product is not approved as personal protective equipment (PPE). They are therefore suitable only for comfort purposes for private use.

**DESIGN**
41 SWIM EARMOLDS

**MATERIAL**
AUDIA SWIM® 25 SHORE, 35 SHORE

**COLOURS**
COLOUR SELECTION, SEE P. 13

**INCLUDES**
AUDIA PROTECTION CASE, HANDLE STRIP, USER MANUAL, SIDE MARKING

**OPTIONS**
AUDIA SOFT CASE, BATHSAFE, CORD, COLLAR CLIP, ENGRAVING

**APPLICATION**
BATHING, SHOWERING, MODERATE WATER SPORTS (WARNING: NOT SUITABLE FOR DIVING!)

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25 SHORE
41 swim protection moulds

- Neon-pink
- Neon-green
- Neon-yellow
- Neon-blue
- Neon-orange
- Beige
- Multicoloured
- Multicoloured

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35 SHORE
41 swim protection moulds

- Blue
- Fuchsia-pink
- Purple
- Green
- Yellow
- Orange
- Red
- Black
- White
- Multicoloured
- Multicoloured
- Multicoloured

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Note: Please refer to the overview on pages 24-25 for the item numbers of accessories.
The customised sleeping earplugs provide reliable insulation against intrusive noises for a pleasant rest and a good night’s sleep. They are very small, delicate and made of especially soft material. They are very comfortable to wear in the ear canal, ensuring convenient wearing even when lying on your side.

**Design**
- 17 Sleeping Earplugs

**Material**
- Audiasoft 25 Shore (AS 25),
  40 Shore (AS 40)

**Colours**
- Colour Selection, see p. 13

**Includes**
- Audia Protection Case,
  Handle Strip, User Manual,
  Side Marking

**Options**
- Audia Soft Case, Engraving

**Application**
- Sleeping, Relaxing,
  Travelling

For easy removal, hold the flexible grip tab between your thumb and forefinger and pull the sleeping earplugs out of your ear canal.

For maximum sleeping comfort, the flexible grip tab simply flexes inwards when lying on your side, so it’s barely visible.

*Attention: There is no type examination according to EN352-2 for the sleeping earplugs, so the product is not approved as personal protective equipment (PPE). It is therefore suitable only for comfort purposes for private use, e.g. in the event of intrusive background noise.

**Insulation Characteristics**

<table>
<thead>
<tr>
<th>Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1000</th>
<th>2000</th>
<th>4000</th>
<th>8000</th>
</tr>
</thead>
<tbody>
<tr>
<td>SNR (dB)</td>
<td>12.4</td>
<td>15.2</td>
<td>21.2</td>
<td>25.5</td>
<td>35.7</td>
<td>38.8</td>
<td>38.8</td>
</tr>
<tr>
<td>SF (dB)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
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</tr>
<tr>
<td>APV (dB)</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

**Note:** Please refer to the overview on pages 24-25 for the item numbers of accessories.
# ACCESSORIES

**Hearing Protection.**

**Accessory and redesign your hearing protection as you like.**

## ePRO-X.S / X.A

<table>
<thead>
<tr>
<th>Filter Name</th>
<th>Item No.</th>
<th>Packaging Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>ePRO-X 1M</td>
<td>40606</td>
<td>X 1M X 2M X 3M</td>
</tr>
<tr>
<td>ePRO-X 2M</td>
<td>40607</td>
<td></td>
</tr>
<tr>
<td>ePRO-X 3M</td>
<td>40609</td>
<td></td>
</tr>
<tr>
<td>ePRO-X 4M</td>
<td>40610</td>
<td></td>
</tr>
<tr>
<td>ePRO-X 5M</td>
<td>40611</td>
<td></td>
</tr>
</tbody>
</table>

## ALPINE®

<table>
<thead>
<tr>
<th>Filter Name</th>
<th>Item No.</th>
<th>Packaging Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alpine F7 (green) for soft material</td>
<td>21849</td>
<td>F7 F8 F10</td>
</tr>
<tr>
<td>Alpine F8 (red) for soft material</td>
<td>21850</td>
<td></td>
</tr>
<tr>
<td>Alpine F10 (white) for soft material</td>
<td>21851</td>
<td></td>
</tr>
<tr>
<td>Alpine F7 (green) for hard material</td>
<td>44660</td>
<td></td>
</tr>
<tr>
<td>Alpine F8 (red) for hard material</td>
<td>44661</td>
<td></td>
</tr>
<tr>
<td>Alpine F10 (white) for hard material</td>
<td>44662</td>
<td></td>
</tr>
</tbody>
</table>

## ELACIN® CH

<table>
<thead>
<tr>
<th>Filter Name</th>
<th>Item No.</th>
<th>Packaging Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elacin CH25 left (white-blue)</td>
<td>47463</td>
<td>CH25</td>
</tr>
<tr>
<td>Elacin CH25 right (white-red)</td>
<td>47464</td>
<td>CH26</td>
</tr>
<tr>
<td>Elacin CH26 left (grey-blue)</td>
<td>47466</td>
<td></td>
</tr>
<tr>
<td>Elacin CH26 right (grey-red)</td>
<td>47467</td>
<td></td>
</tr>
<tr>
<td>Elacin CH28 left (blue-blue)</td>
<td>47468</td>
<td></td>
</tr>
<tr>
<td>Elacin CH28 right (blue-red)</td>
<td>47469</td>
<td></td>
</tr>
<tr>
<td>Elacin CH30 left (black-blue)</td>
<td>47470</td>
<td></td>
</tr>
<tr>
<td>Elacin CH30 right (black-red)</td>
<td>47471</td>
<td></td>
</tr>
</tbody>
</table>

## ELACIN® RC

<table>
<thead>
<tr>
<th>Filter Name</th>
<th>Item No.</th>
<th>Packaging Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elacin RC13 left (white-blue)</td>
<td>27883</td>
<td>RC13</td>
</tr>
<tr>
<td>Elacin RC13 right (white-red)</td>
<td>27884</td>
<td>RC15</td>
</tr>
<tr>
<td>Elacin RC15 left (beige-blue)</td>
<td>27885</td>
<td>RC17</td>
</tr>
<tr>
<td>Elacin RC15 right (beige-red)</td>
<td>27886</td>
<td></td>
</tr>
<tr>
<td>Elacin RC17 left (grey-blue)</td>
<td>27887</td>
<td></td>
</tr>
<tr>
<td>Elacin RC17 right (grey-red)</td>
<td>27888</td>
<td></td>
</tr>
<tr>
<td>Elacin RC18 left (brown-blue)</td>
<td>27889</td>
<td></td>
</tr>
<tr>
<td>Elacin RC18 right (brown-red)</td>
<td>27890</td>
<td></td>
</tr>
<tr>
<td>Elacin RC19 left (black-blue)</td>
<td>27891</td>
<td></td>
</tr>
<tr>
<td>Elacin RC19 right (black-red)</td>
<td>27892</td>
<td></td>
</tr>
</tbody>
</table>
## Elacin® ER

<table>
<thead>
<tr>
<th>Filter Name</th>
<th>Item No.</th>
<th>Packaging Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elacin ER9 (transparent)</td>
<td>22766</td>
<td>In each case 1 PU = 1 Item</td>
</tr>
<tr>
<td>Elacin ER9 (blue)</td>
<td>30170</td>
<td></td>
</tr>
<tr>
<td>Elacin ER9 (red)</td>
<td>30171</td>
<td></td>
</tr>
<tr>
<td>Elacin ER15 (transparent)</td>
<td>22754</td>
<td></td>
</tr>
<tr>
<td>Elacin ER15 (blue)</td>
<td>10911</td>
<td></td>
</tr>
<tr>
<td>Elacin ER15 (red)</td>
<td>10910</td>
<td></td>
</tr>
<tr>
<td>Elacin ER25 (transparent)</td>
<td>22767</td>
<td></td>
</tr>
<tr>
<td>Elacin ER25 (blue)</td>
<td>10913</td>
<td></td>
</tr>
<tr>
<td>Elacin ER25 (red)</td>
<td>10912</td>
<td></td>
</tr>
</tbody>
</table>

## DM

<table>
<thead>
<tr>
<th>Filter Name</th>
<th>Item No.</th>
<th>Packaging Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>DM blue</td>
<td>42016</td>
<td>In each case 1 PU = 1 Item</td>
</tr>
<tr>
<td>DM white</td>
<td>42017</td>
<td></td>
</tr>
<tr>
<td>DM black</td>
<td>42018</td>
<td></td>
</tr>
</tbody>
</table>

## Special Options and Equipment

<table>
<thead>
<tr>
<th>Name</th>
<th>Item No.</th>
<th>Packaging Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Black cord, approx. 70cm</td>
<td>33224</td>
<td>In each case 1 PU = 1 Item</td>
</tr>
<tr>
<td>White cord, approx. 70cm</td>
<td>47622</td>
<td></td>
</tr>
<tr>
<td>Floating cord, 45 cm long</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- transparent</td>
<td>48815</td>
<td></td>
</tr>
<tr>
<td>- red</td>
<td>48816</td>
<td></td>
</tr>
<tr>
<td>- yellow</td>
<td>48817</td>
<td></td>
</tr>
<tr>
<td>- purple</td>
<td>48818</td>
<td></td>
</tr>
<tr>
<td>- light blue</td>
<td>48819</td>
<td></td>
</tr>
<tr>
<td>- green</td>
<td>48820</td>
<td></td>
</tr>
<tr>
<td>Collar clip</td>
<td>35575</td>
<td>In each case 1 PU = 1 Item</td>
</tr>
<tr>
<td>AUDIA protection case</td>
<td>39466</td>
<td>In each case 1 PU = 1 Item</td>
</tr>
<tr>
<td>AUDIA soft case</td>
<td>39609</td>
<td>In each case 1 PU = 1 Item</td>
</tr>
<tr>
<td>Bathsafe</td>
<td></td>
<td>In each case 1 PU = 1 Item</td>
</tr>
<tr>
<td>- white</td>
<td>48821</td>
<td></td>
</tr>
<tr>
<td>- red</td>
<td>48822</td>
<td></td>
</tr>
<tr>
<td>- blue</td>
<td>48823</td>
<td></td>
</tr>
<tr>
<td>- yellow</td>
<td>48824</td>
<td></td>
</tr>
</tbody>
</table>
**SPARKS**

Sparks soft are super-soft, colourful PU foam disposable earplugs with the highest attenuation effect. > SNR 32

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Pack Size</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>22461</td>
<td>1 pair in bag</td>
<td>1 PU</td>
<td>10 pairs</td>
</tr>
<tr>
<td>22462</td>
<td>1 pair in bag (dispenser)</td>
<td>1 PU</td>
<td>200 pairs</td>
</tr>
<tr>
<td>17008</td>
<td>2 pairs pocket pack (dispenser)</td>
<td>1 PU</td>
<td>10-pack</td>
</tr>
<tr>
<td>17009</td>
<td>2 pairs pocket pack</td>
<td>1 PU</td>
<td>100-pack</td>
</tr>
</tbody>
</table>

**HOWARD LEIGHT FUSION**

Howard Leight FUSION earplugs are reusable and have soft, ribbed edges. Cord included in pocket pack. Available in two different sizes. > SNR 28

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Pack Size</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>17018</td>
<td>1 small pair in the pocket pack</td>
<td>1 PU</td>
<td>10 pairs</td>
</tr>
<tr>
<td>17019</td>
<td>1 large pair in the pocket pack</td>
<td>1 PU</td>
<td>10 pairs</td>
</tr>
</tbody>
</table>

**ALPINE SLEEPSOFT®**

Alpine SleepSoft® earplugs are made of soft material. The soft filters ensure that intrusive noises are dampened, while for instance a crying baby, your doorbell or the alarm clock can still be clearly heard. The filter material is so flexible that you can even sleep on your side without problems. > SNR 25

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>42026</td>
<td>1 PU = 1 pair</td>
<td></td>
</tr>
</tbody>
</table>

**ALPINE PARTYPUG™**

The Alpine Partyplug™ earplugs protect your hearing from excessively loud music. The special Alpine® Acoustic Filters ensure that you can still hear music properly. The earplugs are made of AlpineThermoShape™ material and are very comfortable. > SNR 19

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>36494</td>
<td>1 PU = 1 pair</td>
<td></td>
</tr>
</tbody>
</table>

**ALPINE SWIMSAFE™**

Alpine SwimSafe™ are high-grade swim protection earmolds with soft, ribbed edges and a built-in filter for pressure balance and a comfortable fit. > SNR 10

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>21846</td>
<td>1 PU = 1 pair</td>
<td></td>
</tr>
</tbody>
</table>

**ALPINE FLYFIT®**

Alpine FlyFit® is the ideal travel companion whether you're in a car or on buses, trains, boats or planes. Soft, ribbed edges and the built-in UF5 filter ensure you have a relaxing journey. Also tried and tested in aircraft take-offs and landings. > SNR 17

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>21845</td>
<td>1 PU = 1 pair</td>
<td></td>
</tr>
</tbody>
</table>
ALPINE PLUGGIES KIDS®

Pluggies Kids® are designed to reduce noise pollution in children’s ears. The soft, comfortable earplugs are durable and can be used for a variety of applications. > SNR 25

Suitable for children from 5 to 12 years.

ITEM NO. 41484 1 PU = 1 pair

ALPINE WORKSAFE™

WorkSafe™ hearing protection is ideal for all loud hobbies, from DIY to gardening. Red filter > SNR 23

ITEM NO. 30588 1 PU = 1 pair

SANOHRA® SWIM*

Sanohra® Swim earmolds prevent water from entering the ear canal and protect the ears when swimming, bathing or showering. They are made of particularly soft, medical plastic, making them easy to use and comfortable to wear. For adults and children.

ITEM NO. 36211 1 PU = 1 pair for adults
ITEM NO. 36212 1 PU = 1 pair for children

SANOHRA® FLY*

Sanohra® Fly earmolds slow down and regulate pressure changes in front of the eardrum with the new Air Pressure Control (APC). In this way, Sanohra® Fly earmolds help the ears adapt to major changes in pressure conditions without causing discomfort.

ITEM NO. 35445 1 PU = 1 pair for adults
ITEM NO. 35446 1 PU = 1 pair for children

HOWARD LEIGHT CLARITY C1F

C1F Clarity ear protectors are foldable with evenly distributed insulation. Harmful frequencies are filtered out but speech is still let through. > SNR 26

ITEM NO. 16023 1 PU = 1 item

BILSOM IMPACT SPORT

Electronic ear protectors for shooters. Optimum insulation in all frequency ranges thanks to the patented Air Flow Control technology. > SNR 25

- Directional listening through microphones
- Amplifies ambient noise to a safe 82 dB
- AUX input for MP3 players etc.

ITEM NO. 35444 1 PU = 1 item
NOISE PROTECTION CHART
The noise protection chart shows when you are exposed to harmful noise. This can make you sick permanently.

TERMS / LEGEND

Mf: Average sound insulation value in dB
Sf: Standard deviation of the sound insulation in dB
APV: Assumed Protection Value – assumed protective effect in dB
SNR: Single Number Rating – Average sound insulation in dB across the entire frequency range (125 – 8000 Hz)
L: Average sound insulation in dB in the low frequency range (125 – 500 Hz)
M: Average sound insulation in dB in the medium frequency range (500 – 2000 Hz)
H: Average sound insulation in dB in the high frequency range (2000 – 8000 Hz)
W: Warning signal hearing, general, information-containing sounds, speech intelligibility
X: Linear insulating hearing protection for individuals with hearing loss and musicians
S: Signal hearing with track superstructure possible
V: Signal hearing in traffic possible
E: Signal hearing for drivers and switchyard engineers possible during railway operation