

egger epro-X.A



The [Brands] Hearing protection family.  
Individually fitted. Certified.



We are pleased to advise you:

796768EN04-2022-09

egger Otoplastik + Labortechnik GmbH · Aybühlweg 59 · 87439 Kempten/Germany · [www.egger.online](http://www.egger.online)



**epro-X.A**  
Individual Hearing Protection  
with Attenuation Element



egger

# epro-X.A

The hearing protection all-rounder, hard model

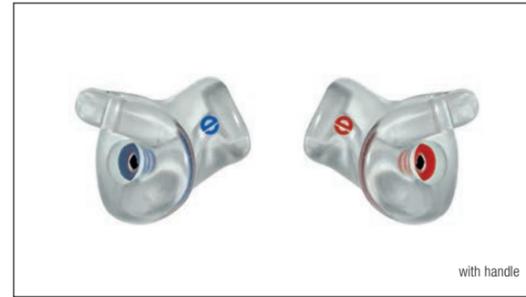
Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly
- made of hard, dirt-repellent, transparent material

At its core:

5 different attenuation elements of stainless steel

- high-precision production, functionality tested individually
- long life span, (almost) unbreakable
- attenuation effect to different degrees – always adequate protection of your hearing, e.g. against, damaging noise at work
- your surroundings remain acoustically perceivable
- 4 attenuation elements “X.2M, X.3M, X.4M, X.5M”
- 1 attenuation element for leisure purposes – with little attenuation, e.g. disturbing street noises or background noise in open-plan offices (see note to “X.1M”)
- 1 to 5 ring marks for visual distinction



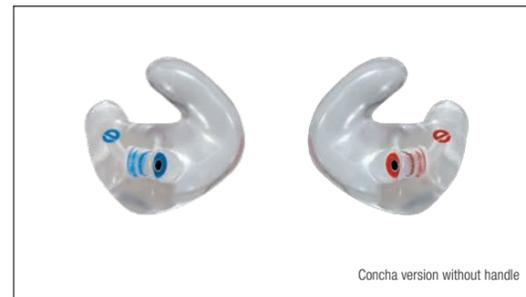
with handle



without handle



Concha version with handle



Concha version without handle

With or without handle – handle it your way

- “with large handle”: quick and easy insertion in or removal from the ear of your hearing protector
- “without handle”: particularly small shape, cosmetically pleasing, hardly noticeable

Unmistakeable – with color mark or colorful selection

- red in right ear
- blue in left ear
- engraved surface (optional), e.g. name
- on request available in different colors

With connecting cord – a useful addition

- optionally available with removable connecting cord (special clips) and clip for attaching to clothes
- the connecting cord detaches itself from the hearing protector under excessively strong pressure – because it's best to be safe
- includes user instructions and storage case

Pioneering build

- specially designed integration system for the attenuation element
- attenuation elements and integration system interchangeable if necessary



detachable connecting cord (optional)

Hygienically in top shape

- upon request available with antimicrobial surface coating; prevents unwanted deposits from building on the surface

Not in the ear – yet still well protected

- including practical case with belt clip; sufficient space for your epro-X.A, the user instructions, guarantee card, cerumen pin and a cedis care gel

Authentic only with certificate

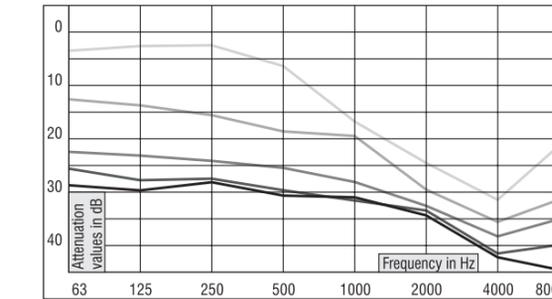
- your epro-X.A has been EC type-tested by PZT GmbH and is approved as personal protective equipment (PPE).

Attenuation elements (stainless steel)



Sound Attenuation Values

EN 352-2:2020 Standard

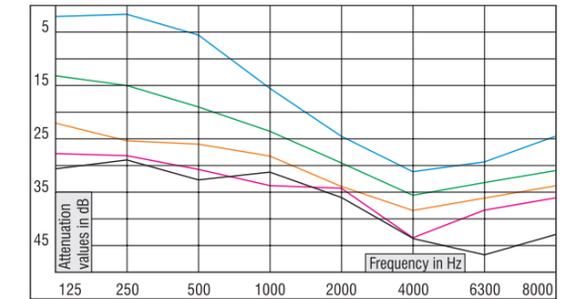


| Frequency in Hz | Attenuation values, SNR-, L-, M-, H-values in dB |      |      |      |      |
|-----------------|--|------|------|------|------|
|                 | *X.1M  | X.2M | X.3M | X.4M | X.5M |
| 63              | 3.2  | 12.5 | 22.5 | 25.3 | 27.7 |
| 125             | 2.5  | 13.6 | 23   | 27.5 | 29.4 |
| 250             | 2.3  | 15.4 | 23.8 | 27.2 | 27.3 |
| 500             | 6.2  | 18.3 | 25.4 | 29.7 | 30.1 |
| 1000            | 17.0   | 24.7 | 27.6 | 31.9 | 31.1 |
| 2000            | 24.7   | 29.5 | 32.6 | 33.3 | 33.9 |
| 4000            | 31.6   | 36.1 | 38.8 | 42.4 | 42.8 |
| 8000            | 24.2   | 31.1 | 34.9 | 39.8 | 45.0 |
| SNR-value       | 10   | 23   | 28   | 31   | 32   |
| L-value         | 2  | 15   | 22   | 25   | 26   |
| M-value         | 7  | 20   | 25   | 28   | 29   |
| H-value         | 18   | 27   | 31   | 32   | 33   |

\* = Does not qualify as personal protective equipment; for leisure purposes only  
 SNR = Single Number Rating  
 L = Attenuation values for low frequency noises  
 M = Attenuation values for medium frequency noises  
 H = Attenuation values for high frequency noise

egger epro hearing protection devices may only be manufactured and brought into the market exclusively by egger Otoplastik + Labortechnik GmbH and its licensing partners.

ANSI Standard



| Frequency in Hz | Attenuation values in dB |      |      |      |      |
|-----------------|--------------------------|------|------|------|------|
|                 | *X.1M                    | X.2M | X.3M | X.4M | X.5M |
| 125             | 2.2                      | 13.3 | 22.1 | 27.6 | 30.5 |
| 250             | 1.8                      | 15.0 | 25.3 | 27.9 | 28.7 |
| 500             | 5.3                      | 18.6 | 26.4 | 31.0 | 32.5 |
| 1000            | 15.2                     | 23.4 | 28.4 | 33.8 | 31.5 |
| 2000            | 24.7                     | 29.6 | 34.1 | 34.0 | 36.1 |
| 3150            | 32.4                     | 37.1 | 39.5 | 42.9 | 42.1 |
| 4000            | 31.1                     | 36.0 | 38.1 | 42.9 | 43.3 |
| 6300            | 29.0                     | 33.4 | 36.6 | 43.5 | 47.0 |
| 8000            | 31.2                     | 36.1 | 34.2 | 41.5 | 43.8 |
| NRR-value       | 3                        | 16   | 22   | 23   | 25   |

ANSI = American National Standards Institute  
 NRR = Noise Reduction Rating

Possible fields of application:  
 industrial sector, craft sector, hobbies, leisure  
 Noise level:  
 medium to high, low (X.1M comfort element), across all frequencies