

egger epro-X.A



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



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



We are pleased to advise you:

796768EN03-2019-11

# epro-X.A

The hearing protection all-rounder, hard model

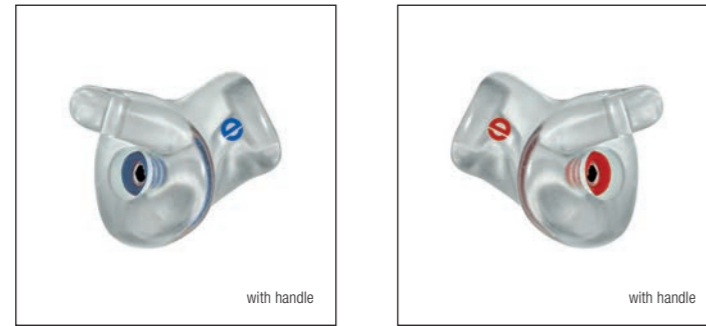
Hardly anyone knows your auditory canal better

- 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



Attenuation elements (stainless steel)



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



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

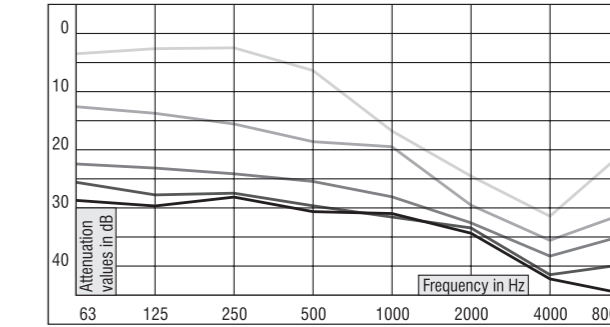
- including practical case with belt clip; sufficient space for your epro-X.A, the user instructions, guarantee card, cerumen pin and a cedis care gel

Authentic only with certificate

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

Sound Attenuation Values

EN 352-2:2002 Standard

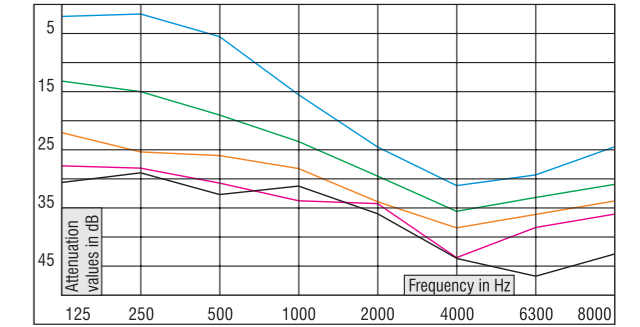


Frequency in Hz	Attenuation values, SNR-, L-, M-, H-values in dB				
	*X.1M	X.2M	X.3M	X.4M	X.5M
63	3.2	12.5	22.5	25.3	27.7
125	2.5	13.6	23	27.5	29.4
250	2.3	15.4	23.8	27.2	27.3
500	6.2	18.3	25.4	29.7	30.1
1000	17	24.7	27.6	31.9	31.1
2000	24.7	29.5	32.6	33.3	33.9
4000	31.6	36.1	38.8	42.4	42.8
8000	24.2	31.1	34.9	39.8	45
SNR-value	11	23	28	30	32
L-value	2	14	22	25	26
M-value	7	20	25	27	28
H-value	18	27	30	31	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