

egger epro-X.S



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

We are pleased to advise you:

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egger Otoplastik + Labortechnik GmbH · Aybühlweg 59 · 87439 Kempten/Germany · www.egger.online



epro-X.S
Individual Hearing Protection
with Attenuation Element



egger

epro-X.S

The innovative hearing protector in any situation.

Hardly anyone knows your auditory canal better

- manufactured individually after ear impression taking, custom-made to fit your ear perfectly
- made of soft material, hardly perceptible

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 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



Attenuation elements (stainless steel)



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 – with additional sound canal

- for connecting additional products by egger, e.g. professional earphones or a telecommunication headset
- if additional canal is not used, it is blocked tightly with a sealing plug

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

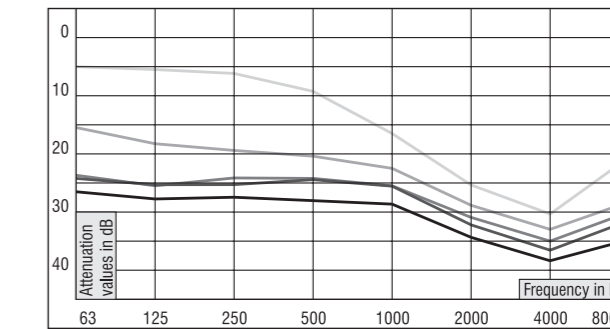
- including practical case with belt clip; sufficient space for your epro-X.S, the user instructions, guarantee card, cerumen pin, a cedis care gel and disinfectant wipe

Authentic only with certificate

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

Sound Attenuation Values

EN 352-2:2002 Standard

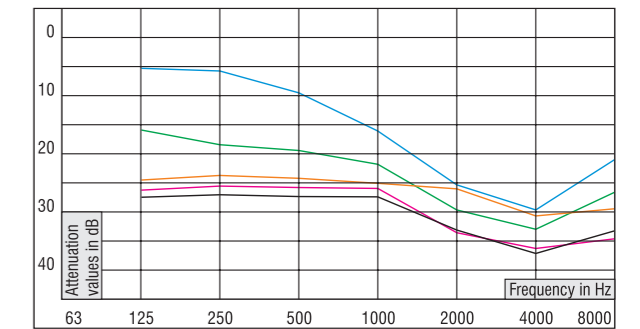


Frequency in Hz	Attenuation, SNR-, L-, M-, H-values in dB				
	*X.1M	X.2M	X.3M	X.4M	X.5M
63	5	15.7	24	24.6	26.8
125	5.3	18.1	25.4	25.2	27.8
250	6.1	19.2	24.2	25.2	27.5
500	9.1	20.3	24.3	24.6	28
1000	16.6	22.5	25.5	25.5	28.5
2000	25.3	28.9	31	32.3	34.4
4000	30.3	33	35	36.7	38.2
8000	20.8	28.1	29.9	31.8	34.8
SNR-value	13	23	25	27	30
L-value	3	17	21	22	25
M-value	9	20	22	23	26
H-value	19	25	27	27	30

* = 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	Mean attenuation values in dB, method A				
	*X.1M	X.2M	X.3M	X.4M	X.5M
125	5.1	16.4	24.6	26.5	27.2
250	5.8	18.3	23.7	25.6	26.5
500	9.4	19.5	24.2	25.7	27.2
1000	16.4	21.9	25.0	26.1	27.4
2000	25.3	29.6	31.3	33.7	32.8
4000	29.3	32.7	35.6	36.7	36.4
8000	21.4	26.7	29.8	29.5	32.8
NRS _A	10.5	20.5	23.6	25.3	25.9
NRS _A	19.0	25.4	29.7	30.2	31.8

ANSI = American National Standards Institute
 NRS_A = Noise Reduction Statistic, Method A

Possible fields of application: industrial sector, craft sector, hobbies, motor sports, in-ear-monitoring
 Noise level: medium to high, low (X.1M comfort element), across all frequencies