

3M™ PELTOR's highest levels of Comfort, Durability and Protection

3M™ Peltor™ X Series – A new Standard

DESIGN, COMFORT and ATTENUATION TECHNIQUES.


3M developed the new 3M™ Peltor™ X Series ear muffs based on these three pillars. In the addition to simplicity of use and ease of identification the new range ear muffs are now the new reference point in terms of over-the-ear protection.

Our customers are a constant inspiration to help develop new products driving unmatched user experience.



3M™ Peltor™ Optime: A market reference
3M™ PELTOR's highest levels of Comfort, Durability and Protection

3M Hearing Protection Solutions made innovately easy

SNR 37 dB  +

Unparalleled attenuation without the need for double protection involving ear muffs and ear plugs.

3M™ Peltor™ X5 ear muffs



New ground breaking technology that has helped achieve exceptionally high performance.

This technology is applied not only to headband version but also to helmet mounted ear muffs.

- » Unique attenuation as a result of optimum combination of specially formulated foam technology featured in the cups and sealing rings together with the spacer and cup design.
- » Despite the larger cups the product remains relatively lightweight with excellent balance and wearer comfort.
- » Colour coded black for ease of use in extremely high noise environment.

3M™ Peltor™ X5A ear muffs - standard headband

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	23,0	22,3	28,8	39,7	44,2	39,8	43,0	40,2
Standard Deviation (dB)	3,1	2,4	2,4	2,7	3,4	4,6	2,8	2,9
Assumed Protection (dB)	19,8	19,9	26,4	37,0	40,9	35,2	40,2	37,3

SNR = 37 dB H = 37 dB M = 35 dB L = 27 dB

3M™ Peltor™ X5P3 ear muffs - helmet mounted version

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	20,4	22,0	26,9	38,2	43,5	38,7	41,0	40,4
Standard Deviation (dB)	3,3	3,1	2,2	2,8	3,4	4,5	2,5	3,3
Assumed Protection (dB)	17,1	18,9	24,7	35,4	40,2	34,2	38,5	37,2

SNR = 36 dB H = 36 dB M = 34 dB L = 26 dB



Magnus Forsblom about 3M™ Peltor™ X and comfort



Magnus Forsblom, Astra Zeneca
Responsible for PPE (Personal Protection Equipment)
at a factory with 1700 workers.

"I don't care about specific brands, I just want the best. The best? It's 3M™ Peltor™!"

"The noise at my work is not constant but intermittent and gets higher around specific machines at the industrial floor". Every single aspect of protection and safety is very important to me. We have specific demands apart from comfort, for example that the earmuffs are easy to clean. It is also very important that there is no risk for loose parts to fall from the earmuffs into the production line.

3M™ Peltor™ X are comfortable to wear, I feel no pressure at my head and they are not too tight. They are durable and are easy to clean frequently. I tried the 3M™ Peltor™ X2 muffs, they are easy to adjust, has good solid design, look and feel good on – factors that make them very appealing and easier to use more regular.

Compared to other earmuffs, it's like night and day.

I don't care about specific brands, I just want the best. The best? It's 3M™ Peltor™!"