

# 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 33 dB 

# High attenuation, low weight 3M™ Peltor™ X3 ear muffs



The 3M™ Peltor™ X3 are the first of our new ear muffs to utilise a newly designed spacer to help improve attenuation without the need for double cup design thus increasing the space inside the cup for greater comfort and wearability.

What makes the X3 version so special?

- » High attenuation from single cup design, SNR 33dB.
- » Extremely light-weight and slim compared with similar attenuation products.
- » Colour coded red for ease of identification and usage in a high noise environment.

New design brings new benefits which includes comfort and protection.

## 3M™ Peltor™ X3A ear muffs - standard headband

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	21,5	22,8	25,1	27,0	40,0	35,8	38,5	38,9
Standard Deviation (dB)	3,0	2,1	3,1	1,7	2,8	2,2	2,7	2,9
Assumed Protection (dB)	18,4	20,7	22,0	25,4	37,2	33,6	35,8	35,9

SNR = 33 dB H = 35 dB M = 30 dB L = 25 dB

## 3M™ Peltor™ X3P3 ear muffs - helmet mounted version

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18,9	20,0	24,2	27,4	40,1	36,0	39,7	37,0
Standard Deviation (dB)	3,3	2,8	1,7	2,1	3,0	3,0	3,5	3,7
Assumed Protection (dB)	15,6	17,2	22,6	25,3	37,1	33,1	36,2	33,3

SNR = 32 dB H = 34 dB M = 30 dB L = 24 dB



## Zaid Gabro about 3M™ Peltor™ X and protection



Zaid Gabro, Proplate  
A young Swedish employer

"3M™ Peltor™ X Series, give me great comfort and the most important, ideal protection."

"At my work, the noise is constantly very high. I'm aware of the need of hearing protectors and I use them all the time at work. I prefer the heavy duty like the X3 version from the new 3M™ Peltor™ X Series, they give me great comfort and the most important, ideal protection. The ear muffs are cool, they are not so heavy and feel good to wear all day. The design is okay, but that is not so important, the main reason for me to choose them is the good protection. The extra-slim muffs (X4) feel so light yet so effective which make you wonder whether they really do protect! If they do, I want to try them."