

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 

Extremely slim, high performance 3M™ Peltor™ X4 ear muffs



Historically higher attenuating ear muffs meant large and bulky cups but not anymore. The Peltor™ X4 ear muffs version can attenuate sound by as much as 33 dB whilst maintaining a sleek, low profile aesthetically pleasing design.

- » Special colour coding for ease of selection.
- » Extremely slim and light-weight cups provide excellent compatibility when used with other 3M personal protective equipment products.
- » Fluorescent yellow-green colour ensures good

visibility when working outdoor thus helping improve safety.

- » New specially formulated damping pads and innovative foam contained in sealing ring provide excellent acoustic protection, particularly against sounds dominated by low frequencies.

3M™ Peltor™ X4A ear muffs - standard headband

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	19,6	17,8	22,1	30,6	39,5	37,3	43,8	42,1
Standard Deviation (dB)	4,1	2,3	2,5	1,8	2,9	4,1	2,8	4,0
Assumed Protection (dB)	15,5	15,5	19,6	28,8	36,6	33,2	41,1	38,2

SNR = 33 dB H = 36 dB M = 30 dB L = 22 dB

3M™ Peltor™ X4P3 ear muffs - helmet mounted version

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	16,6	16,8	21,8	30,6	40,1	36,7	43,1	41,9
Standard Deviation (dB)	3,6	2,5	2,1	1,9	2,3	3,7	2,7	4,7
Assumed Protection (dB)	12,9	14,3	19,7	28,7	37,8	32,9	40,4	37,2

SNR = 32 dB H = 36 dB M = 30 dB L = 21 dB

