

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 31 dB 

Medium attenuation, slim design

3M™ Peltor™ X2 ear muffs



3M™ Peltor™ X2 ear muffs offer the same characteristics as our X1 version with the addition of the following benefits:

- » Yellow colour coding to help select the correct product for moderate to high attenuation.
- » Improved attenuation, SNR 31dB.

3M™ Peltor™ X2A ear muffs - standard headband

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	19,0	14,1	22,2	31,1	39,7	36,6	37,0	37,9
Standard Deviation (dB)	4,5	2,2	2,1	2,7	3,2	3,2	3,7	3,4
Assumed Protection (dB)	14,5	11,9	20,1	28,4	36,6	33,5	33,3	34,5

SNR = 31 dB H = 34 dB M = 29 dB L = 20 dB

3M™ Peltor™ X2P3 ear muffs - helmet mounted version

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	15,9	13,8	20,2	30,0	37,7	35,4	34,9	35,8
Standard Deviation (dB)	4,6	2,8	2,1	3,2	2,6	3,0	3,0	4,7
Assumed Protection (dB)	11,3	11,0	18,1	26,8	35,1	32,4	31,9	31,1

SNR = 30 dB H = 33 dB M = 28 dB L = 19 dB

