

## X4

» Electrically insulated (dielectric) wire headband on model X4A\*\*

» Earcups tilt for optimum comfort and efficiency

» Twin headband design helps reduce heat buildup with good fit and balance

» Wire headband offers comfortable pressure during prolonged usage

» Lightweight earmuff recommended for moderate to high-noise exposure applications

» Low-profile cup design for improved compatibility with other personal protective equipment (PPE)

» Newly-designed spacer improves attenuation without excess bulk or weight



## 3M™ Peltor™ Earmuff X4

Extremely slim, high performance

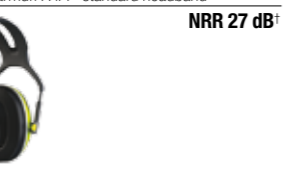
High attenuation earmuffs don't have to be big and bulky!

The Noise Reduction Ratings for Peltor X4 earmuffs are 3 to 6 dB higher than other compact, low-profile earmuffs.

» Extremely slim and lightweight earcups provide excellent compatibility when used with other 3M personal protection products.

» New specially-formulated foam earcup inserts and cushions help boost the noise-blocking capability of these comfortable, lightweight earmuffs.

3M Peltor Earmuff X4A - standard headband\*\*



**NRR 27 dB†**

3M Peltor Earmuff X4P3E - hard hat-attached version



**NRR 25 dB†**

PRODUCT NUMBER	UPC NUMBER	ABBREVIATED GENERAL DESCRIPTION	CASE QUANTITY
X4A	10093045937261	Over-the-Head Earmuff	10
X4P3E	10093045937315	Hard Hat-Attached Earmuff	10
HYX4	10093045937360	Replacement Hygiene Kit, 1 Pr	10

## X5

» Electrically insulated (dielectric) wire headband on model X5A\*\*

» Earcups tilt for optimum comfort and efficiency

» Twin headband design helps reduce heat buildup with good fit and balance

» Wire headband offers comfortable pressure during prolonged usage

» Very high attenuation earmuffs recommended for high-noise exposure applications

» Despite larger earcups, product is lightweight with excellent balance and comfort

» Newly-designed spacer improves attenuation without excess bulk or weight

» NRR 31 dB† — highest of any earmuff on the market



## 3M™ Peltor™ Earmuff X5

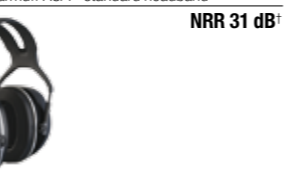
3M's highest attenuation earmuffs

New groundbreaking technology allows 3M Peltor X5 earmuffs to provide very high noise reduction in both standard headband and hard hat-attached models.

» Unique attenuation as a result of optimum combination of specially-formulated foam featured in the earcups, cushions and the innovative spacer and cup design.

» Despite the larger earcups, the X5 remains relatively lightweight with excellent balance and comfort.

3M Peltor Earmuff X5A - standard headband\*\*



**NRR 31 dB†**

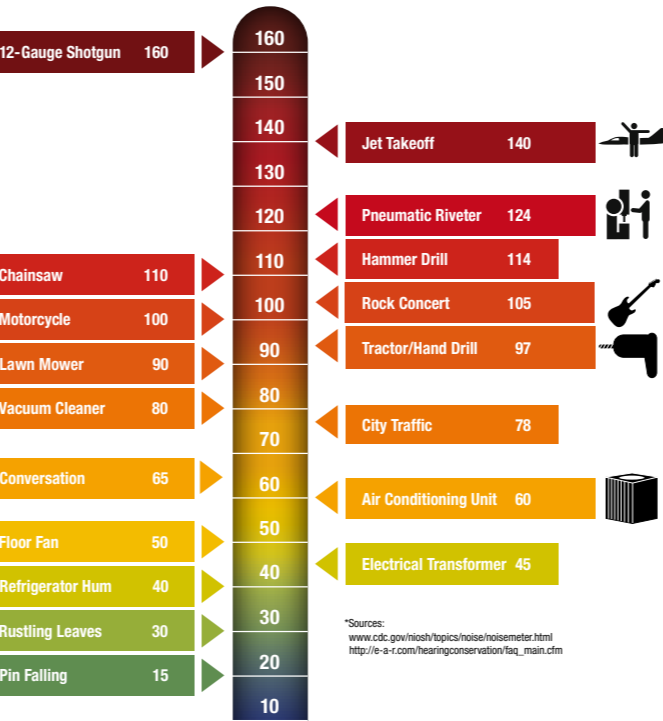
3M Peltor Earmuff X5P3E - hard hat-attached version



**NRR 31 dB†**

PRODUCT NUMBER	UPC NUMBER	ABBREVIATED GENERAL DESCRIPTION	CASE QUANTITY
X5A	10093045937278	Over-the-Head Earmuff	10
X5P3E	10093045937322	Hard Hat-Attached Earmuff	10
HYX5	10093045937377	Replacement Hygiene Kit, 1 Pr	10

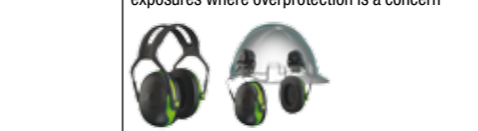
### Decibel Scale (dBA)\*



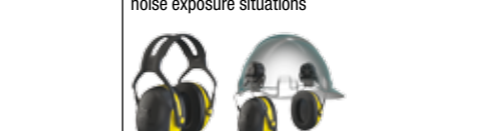
\*Sources:  
www.cdc.gov/niosh/topics/noise/noisemeter.html  
http://e-a-t.com/hearingconservation/faq\_main.cfm

## A new Standard in Design, Comfort and Protection

**X1 (NRR 21-22 dB)†**  
Ultra-slim earmuffs for low-to-moderate noise exposures where overprotection is a concern



**X2 (NRR 24 dB)†**  
Lightweight earmuffs for moderate noise exposure situations



**X3 (NRR 25-28 dB)†**  
For high-noise exposure situations



**X4 (NRR 25-27 dB)†**  
Extremely lightweight, low-profile earmuffs for use in high-noise exposure situations



**X5 (NRR 31 dB)†**  
3M's highest attenuation earmuffs for very high-noise exposures



detection



protection



validation

We are harnessing a chain reaction of new ideas that deliver innovatively easy solutions to complex hearing protection challenges. 3M is a global leader in detection, protection, and validation solutions.

3M is a guardian of work place safety, going beyond the expected and making their considerable expertise readily available to help solve hearing challenges.

Select appropriate 3M hearing protectors that employees are motivated to wear. 3M has a broad selection of hearing protectors for a wide range of work environments.

3M E-A-Rfit™ Validation System brings the science of fit to help build confidence in your employee's level of hearing protection as part of training and motivation.

Training and Education  
3M can help to educate, motivate and train safety officers and workers around all aspects of the hearing risk.

Visit [www.3M.com/hearing](http://www.3M.com/hearing) to learn more.

**For more information in the United States, contact:**  
Technical Assistance: 1-800-243-4630 • Customer Care Center: 1-800-328-1667  
[3M.com/hearing](http://www.3M.com/hearing)



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3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000

**WARNING!**  
These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times that you are exposed to hazardous noise may result in hearing loss or injury. For proper use, see supervisor, Fitting Instructions, or call 3M in U.S.A. at 1-800-243-4630. In Canada, call Technical Service at 1-800-267-4414.

3M™ Peltor™ Earmuffs X Series

A new Standard in Design, Comfort and Protection



The power to protect your world.™



# We live in a LOUD World

Introducing the all-new 3M™ Peltor™ Earmuffs X Series, featuring a wide range of attenuation levels that help meet hearing protection needs for most industrial applications.

## 3M Peltor X1 (NRR 21-22 dB)

Ultra-slim earmuffs for low-to-moderate noise exposures where overprotection is a concern

## 3M Peltor X2 (NRR 24 dB)

Lightweight earmuffs for moderate noise exposure situations

## 3M Peltor X3 (NRR 25-28 dB)

For high-noise exposure situations

## 3M Peltor X4 (NRR 25-27 dB)

Extremely lightweight, low-profile earmuffs for use in high-noise exposure situations

## 3M Peltor X5 (NRR 31 dB)

3M's highest attenuation earmuffs for very high-noise exposures

### X1

- » Electrically insulated (dielectric) wire headband on model X1A\*\*
- » Earcups tilt for optimum comfort and efficiency

- » Twin headband design helps reduce heat buildup with good fit and balance

- » Wire headband offers comfortable pressure during prolonged usage

- » Lightweight, low-profile earcups for improved compatibility with other personal protective equipment (PPE)



## 3M™ Peltor™ Earmuff X1

Standard attenuation, slim design

Enter the world of the new 3M Peltor Earmuffs X Series with the X1.

- » Slim-line cups make these earmuffs lightweight and comfortable for extended wear.

- » Moderate attenuation ideal for low-to-moderate noise exposure.

- » New ear cushion foam technology for an effective acoustic seal and reliable protection.

Plus all other features around protection, comfort and design making it highly versatile.

3M Peltor Earmuff X1A - standard headband\*\*



**NRR 22 dB**

3M Peltor Earmuff X1P3E - hard hat-attached version



**NRR 21 dB**

PRODUCT NUMBER	UPC NUMBER	ABBREVIATED GENERAL DESCRIPTION	CASE QUANTITY
X1A	10093045937230	Over-the-Head Earmuff	10
X1P3E	10093045937285	Hard Hat-Attached Earmuff	10
HXX1	10093045937339	Replacement Hygiene Kit, 1 Pr	10

### X2

- » Electrically insulated (dielectric) wire headband on model X2A\*\*

- » Earcups tilt for optimum comfort and efficiency

- » Twin headband design helps reduce heat buildup with good fit and balance

- » Wire headband offers comfortable pressure during prolonged usage

- » Lightweight, low-profile earmuffs are ideal for a variety of noisy applications



## 3M™ Peltor™ Earmuff X2

Medium attenuation, slim design

The X2 earmuffs offer the same features as our X1 version with the addition of the following benefits:

- » New ear cushion foam technology for an effective acoustic seal and reliable protection.

- » Medium attenuation for moderately-high noise exposures.

3M Peltor Earmuff X2A - standard headband\*\*



**NRR 24 dB**

3M Peltor Earmuff X2P3E - hard hat-attached version



**NRR 24 dB**

PRODUCT NUMBER	UPC NUMBER	ABBREVIATED GENERAL DESCRIPTION	CASE QUANTITY
X2A	10093045937247	Over-the-Head Earmuff	10
X2P3E	10093045937292	Hard Hat-Attached Earmuff	10
HXX2	10093045937346	Replacement Hygiene Kit, 1 Pr	10

### X3

- » Electrically insulated (dielectric) wire headband on model X3A\*\*

- » Earcups tilt for optimum comfort and efficiency

- » Twin headband design helps reduce heat buildup with good fit and balance

- » Wire headband offers comfortable pressure during prolonged usage

- » Lightweight earmuffs designed for moderate to high noise exposure applications

- » Newly-designed spacer improves attenuation without a double cup design excess bulk or weight



## 3M™ Peltor™ Earmuff X3

High attenuation, low weight

The X3 features a newly-designed spacer to improve attenuation without excess bulk or weight.

- » High attenuation.

- » Lightweight and compact compared with other high attenuation earmuffs.

- » New ear cushion foam technology for an effective acoustic seal and reliable protection.

3M Peltor Earmuff X3A - standard headband\*\*



**NRR 28 dB**

3M Peltor Earmuff X3P3E - hard hat-attached version



**NRR 25 dB**

PRODUCT NUMBER	UPC NUMBER	ABBREVIATED GENERAL DESCRIPTION	CASE QUANTITY
X3A	10093045937254	Over-the-Head Earmuff	10
X3P3E	10093045937308	Hard Hat-Attached Earmuff	10
HXX3	10093045937353	Replacement Hygiene Kit, 1 Pr	10



# A new Standard in Design, Comfort and Protection

**3M™ Peltor™ Earmuffs X Series**  
DESIGN, COMFORT and ATTENUATION TECHNIQUES.

3M developed the new 3M Peltor X Series earmuffs based on these three pillars. In the addition to simplicity of use and ease of identification, the X Series earmuffs set a new standard for over-the-ear protection.

**3M Hearing Protection Solutions Made Innovatively Easy**