

# 3M™ PELTOR™ X Series Neckband Earmuff

## Technical Data Sheet

### Description

With a low-profile neckband and adjustable head strap, the 3M™ PELTOR™ X Series Neckband Earmuff adapts to the variety of headgear worn in a wide range of industries.

Pairing adaptability with function, this allows workers to protect their hearing while wearing other protective headgear.

The design of the neckband allows earmuffs to be worn with a variety of face shields and headgear.

The 3M™ PELTOR™ X Series Neckband Earmuff is compatible with headgear without accessory slots.

Soft, adjustable head strap helps to maintain a secure fit with many different types of headgear.

### Applications

Durable in rugged environments due to lightweight stainless steel band and high-strength cups. Boosted noise-blocking capability from specially-formulated foam ear-cup inserts and cushions help keep out hazardous noise.

X marks the spot for comfortable hearing protection. Fit and your Personal Attenuation Rating with the X Series can be confirmed using the 3M™ E-A-Rfit™ Dual-Ear Validation System.

### Specifications

	X4B	X5B
Cup Material	Injection moulded ABS (plastic)	Injection moulded ABS (plastic)
Neckband	Lightweight stainless steel band	Lightweight stainless steel band
Headband Cushion	Foam	Foam
Colour	Green/Black	Green/Black
Weight	222 g	200 g
Clamping Force	12.2N	13 N
Ratings	Class 5 29dB(A)	Class 5 34dB(A)

### Standards

Certified to AS/NZS 1270:2002



### Fitting Instructions

- Remove hair or any obstruction from underneath the cushion.
- If spectacles are worn, cushions must be soft and subtle to ensure seal. If safety spectacles are worn in combination a thin side arm spectacle is preferable.

### Storage

Store in an area free of contamination.

Do not leave your hearing protection device in areas or locations where it can be exposed to damage or contamination.

Sunlight is particularly damaging as UV light can have a detrimental effect on the materials used in the product.

Chemical contamination can also have a serious effect on product integrity and decontamination after use is recommended.

Use a suitable storage container especially if left in a vehicle. This will protect the hearing protection device from damage and extend its working life.

### Disposal

If the product is to be disposed of, it should be disassembled and disposed of as solid waste. Please see local authority regulations for disposal advice and locations.

## Attenuation Data

### X4B Neckband

Class 5	SLC <sub>80</sub> Value is 29.0						
Frequency (HZ)	125	250	500	1000	2000	4000	8000
Mean Attenuation	19.2	18.7	26.9	37.1	36.8	43.3	40.8
Standard Deviation	4.3	3.9	5.1	5.3	3.5	5.6	4.9
Mean Standard Deviation	14.9	14.8	21.8	31.8	33.3	37.7	35.9

### X5B Neckband

Class 5	SLC <sub>80</sub> Value is 34.0						
Frequency (HZ)	125	250	500	1000	2000	4000	8000
Mean Attenuation	22.8	24.4	34.8	43.1	38.7	40.4	39.7
Standard Deviation	4.8	3.9	5.0	4.1	3.8	4.4	3.8
Mean Standard Deviation	18.0	20.5	29.8	39.0	34.9	36.0	35.9

These earmuffs were tested in combination with TA500 Series industrial safety helmets and may give different levels of protection if fitted to other manufacturers safety helmets.

Hearing protector class 5 tested to AS/NZS 1270. When selected, used and maintained as specified in AS/NZS 1269, this protector may be used in noise up to 110dB(A) assuming an 85dB(A) criterion.

A lower criterion may require a higher protector class.

## Warning

Performance will be reduced by anything that impairs the seal of the cushions against the head eg. thick spectacle frames, balaclavas, etc.

The reported attenuation (noise reduction) will only be obtained if the earmuffs are in good working order and worn as directed.

## Maintenance/cleaning

Hearing protectors should be inspected prior to use for damage or deterioration. Damaged or worn parts should be replaced prior to use.

Regular cleaning using warm water and soap. Components should be dried prior to use. Mild detergent and hygiene wipes can be used on this product, however some products may harden or damage the cushion.

Hygiene kit/cushions should be replaced when the cushion show signs of damage or hardening.

## Ordering Information

3M Code	Model#	Description
UU008197848	X4B	3M™ Peltor X4 Earmuff
UU008197863	X5B	3M™ Peltor X5 Earmuff
XA007707608	HYX4	Replacement Hygiene Kit for X4 Earmuff Models
XA007707616	HYX5	Replacement Hygiene Kit for X5 Earmuff Models
70071691136	393-3005-2	X4/X5 Probed Test Cushions

## Important Notice

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