



3M™ PELTOR™ High Attenuation Headset, CH-5

Product Description

These 3M™ PELTOR™ headsets are intended to help provide protection against hazardous noise levels and very loud sounds. With new innovative technology and design, the CH-5 headset achieve a very high attenuation. A new watertight boom microphone (IP68) is also developed for this product which allows for operation in wet conditions. Easy to use and maintain.

Key Features

- High attenuation on impact noise
- Passive attenuation SNR 37dB
- Watertight microphone (IP68), (6 meters/30min)
- Robust construction, easy to maintain, no batteries needed

Applications

The 3M™ PELTOR™ CH-5 High Attenuation Headsets offer a high SNR value and impact sound protection. Can be used in Military environments such as tanks (crew headsets), ground crew around fighter jets and helicopters together with 3M™ PELTOR™ PTT Adapters or direct to an intercom system.

Standards and Approvals

Hereby, 3M Svenska AB declares that the product is in compliance with appropriate directives or regulations to fulfill the requirements for the CE marking. The full text of the EU declaration of conformity is available at the following internet address: www.3M.com/PELTOR/DOC. A copy of the declaration of conformity and additional information required in the directives or regulations can also be obtained by contacting 3M in the country of purchase.

In the box

- 1 x Headset
- 1 x User Instruction



3M™ PELTOR™ CH-5 High Attenuation Headset



Hearing protection for communicating with external communication devices.

Standard Models

Article number	Description	3M ID	SAP ID
MT73H450A-38	3M™ PELTOR™ Hearing protector, headband, J11 PELTOR connection	UU008027532	7100099845
MT73H450A-86	3M™ PELTOR™ Hearing protector, headband, J11 NATO connection	UU008027565	7100099883

Accessories

Article number	Description	3M ID	SAP ID
HY45	3M™ PELTOR™ Hygiene kit	UU008117135	7100107408
M171/2	3M™ PELTOR™ Wind protector, 2 pcs	UU008159483	7100112112
HY100A	3M™ PELTOR™ Clean – Single-Use Protectors	XH001651351	7100064410
HYM1000	3M™ PELTOR™ Mic tape, 5m	XH001651328	7100064281
MT73/1	3M™ PELTOR™ Dynamic water resistant boom microphone (IP68), (6 meters/30min)	UU008163634	7100112094

Please contact your 3M PELTOR dealer for more information about compatible 3M PELTOR adapters.

Technical data specifications

Materials:	Headband MT73H450A-38, -86 Headband (PVC, PA) Headband wire (stainless steel) Cushion (PVC foil and PUR foam) Foam liner (PUR foam) Cup (ABS) Speech microphone (ABS, PA) External connector (Metal Bronze) PTT button (PBT) J22 for Speech microphone (TPE)
Approx. net weight:	MT73H450A-38, MT73H450A-86 = 498g
Operating temperature:	-20°C (-4°F) to +55°C (131°F)
Storage temperature:	-20°C (-4°F) to +55°C (131°F)
Shelf life:	5 years
Wired connectivity:	J11 PELTOR Connection

User limitation: Never modify or alter this product

Attenuation Europe

MT73H450A-38, MT73H450A-86

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	23.0	28.8	39.7	44.0	37.7	42.7	41.3
Std. deviation (dB)	2.9	1.6	2.5	3.3	2.2	1.7	4.2
Assumed Protection Value (dB)	20.1	27.2	37.1	40.7	35.6	41.0	37.1



EN 352-1:2002

SNR=37 dB H=38 dB M=36 dB L=28 dB

External input levels MT73H450A-38, MT73H450A-86

RMS Voltage U (mV)	Mean Sound Pressure (dB(A))	STD Sound Pressure (dB)
197	70.9	0.5
352	75.9	0.5
624	80.9	0.5
1111	85.9	0.5

The electrical input level for which the sound pressure level is equal to 82 dB(A) is: **664 mV**

The product has been tested in accordance with the impulse test requirements of ANSI S12.42

It is expected that all users read and understand the provided user instructions as well as be familiar with the use of this device.

WARNING!

Hearing Protection Products*

This hearing protector helps reduce exposure to hazardous noise and other loud sounds. **Misuse or failure to wear hearing protection at all times when exposed to hazardous noise may result in hearing loss or injury.** For correct use, consult supervisor and User Instructions, or call 3M Technical Service. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, leave the noisy environment immediately and consult a medical professional and/or your supervisor.

Choking Hazard - Keep away from infants and small children.

CAUTION! Research suggests that users may receive less noise reduction than indicated by the attenuation value(s) on the packaging, due to variation in fit, fitting skill, and motivation of the user. Refer to your applicable regulations for guidance on how to adjust label values and estimate attenuation. In addition, 3M strongly recommends fit testing of hearing protectors. To learn more about hearing protection for impulse noise, please visit www.3M.com/hearing.



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Warranty

The warranty does not cover any damage caused by neglected maintenance or careless handling. For more information on maintenance, please see the user instruction. For complete warranty condition, contact your dealer or local 3M office

Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M.

The user is responsible for determining the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence.