



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 water tight 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
- Highest SNR on the market *
- Water tight microphone (IP68)
- Robust construction, easy to maintain

Applications

The 3M PELTOR CH-5 High Attenuation Headsets offer a high SNR value and impact sound protection. Designed to be used in extreme 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

3M Svenska AB hereby declares that this 3M™ PELTOR™ Headset is in compliance with the essential requirements and other provisions set out in the appropriate directives. Thereby they fulfil the requirements for CE marking.

The product has been tested and approved in accordance with [EN 352-1:2002 / EN 352-3:2002, EN 352-6:2002].

Notified Body Statement of Opinion offered by: FIOH, Finnish Institute of Occupational Health, Topeliuksenkatu 41 a A, FI-00250, Helsinki, Finland. Notified body #0403.

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	Hearing protector, headband, J11 PELTOR connection	UU008027532	7100099845
MT73H450A-86	Hearing protector, headband, J11 NATO connection	UU008027565	7100099883

Accessories

Article number	Description	3M ID	SAP ID
HY45	Hygiene kit	UU008117135	7100107408
M171/2	Wind protector, 2 pcs	UU008159483	7100112112
HY100A	Clean – Single-Use Protectors	XH001651351	7100064410
HYM1000	Mic tape, 5m	XH001651328	7100064281
MT73/1	Dynamic watertight boom microphone (IP 68)	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) Two-point fastener (POM) 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

Use 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	37.2	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**

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



3M Personal Safety Division

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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.
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