



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

Product Description

These 3M™ PELTOR™ headsets are intended to provide protection against hazardous noise levels and very loud sounds. The robust headset, designed to be used in extreme environments, is easy to use and maintain.

Key Features

- High attenuation on impact noise
- Passive attenuation SNR 37dB
- Water resistant 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. Designed to be used in an extreme machine room and other places with high steady noise.

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-77 GB	3M™ PELTOR™ Hearing protector, flex, headband	UU008027557	7100099844
MT73H450P3E-77 GB	3M™ PELTOR™ Hearing protector, flex, helmet attachment	UU008027573	7100099881
MT73H450A GB	3M™ PELTOR™ Hearing protector, J11, headband	UU008117143	7100106703
MT73H450P3E GB	3M™ PELTOR™ Hearing protector, J11, helmet attachment	UU008117184	7100106867

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™ Flex cables and adapters.

Technical data specifications

Materials:	Headband
	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)
	Helmet attachment
	Helmet attachment wire (stainless steel)
Approx. net weight:	MT73H450A-77 GB = 451 g MT73H450A GB = 498 g MT73H450P3E-77 GB = 474 g MT73H450P3E GB = 521 g
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:	-77 Flex (limited to 82 dB) or J11 PELTOR Connection

Use limitation: Never modify or alter this product

Attenuation Europe

MT73H450A-77 GB, MT73H450A GB

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	22.5	29.2	39.3	44.1	37.2	42.1	41.6
Std. deviation (dB)	2.9	1.7	2.2	2.8	2.3	2.7	4.1
Assumed Protection Value (dB)	19.6	27.5	37.1	41.3	34.9	39.4	37.5



EN 352-1:2002 SNR=37 dB H=37 dB M=36 dB L=28 dB

MT73H450P3E-77 GB, MT73H450P3E GB

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	22.9	27.9	38.1	43.1	36.6	40.6	40.0
Std. deviation (dB)	2.0	1.9	2.6	2.0	2.9	2.5	5.8
Assumed Protection Value (dB)	20.9	26.0	35.5	41.1	33.7	38.1	34.2



EN 352-3:2002 SNR=36 dB H=35 dB M=35 dB L=28 dB

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.

External input levels MT73H450A GB, MT73H450A-77 GB, MT73H450P3E GB, MT73H450P3E-77 GB

RMS Voltage U (mV)	Mean Sound Pressure (dB(A))	STD Sound Pressure (dB)
197	70.9	0.7
351	75.9	0.7
624	80.9	0.7
1110	85.9	0.6

The electrical input level for which the sound pressure level is equal to 82 dB(A) is: **660 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.



3M Personal Safety Division
3M Svenska AB, Box 2341
SE-331 02 Värnamo
Sweden
Tel. +46 370 69 42 00
Internet: www.3M.com/PELTOR

Please recycle. Printed in Sweden.
© 3M 2018. All rights reserved.
3M is a trademark of 3M Company, used under license in Canada. PELTOR is a trademark of 3M Svenska AB, used under license in Canada.

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.