

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
- 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 an extreme machine room and other places with high steady noise.

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

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™ Flex cables and adapters.

Technical data specifications

Materials:	Headband 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)
	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	37.2	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

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**

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



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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

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