



3M™ PELTOR™ ProTac III Slim Headset and 3M™ PELTOR™ ProTac III Headset



3M™ PELTOR™ ProTac III Slim Headset



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Product Description

The PELTOR ProTac III hearing protector helps protect against harmful noise, whilst allowing ambient sounds to be heard. It increases your ability to communicate with nearby colleagues, as well as hearing warning signals, approaching vehicles, or sounds in machines and processes.

Key Features

- Attenuating hearing protector
- Level-dependent function for ambient listening
- 3.5 mm listen only stereo input for connection to external devices (e.g. cell phone, two-way radio, Ipod)
- Voice guided menu system
- Auto power off: The headset will turn off after 4 hrs of non-use to save battery
- Low-battery warning at low battery level
- To reduce the corrosion caused by sweat the electronics are located in the outer part of the cup
- Available in both in headband and helmet attached versions (black)
- Available in two different cup sizes: one with higher attenuation and one slim version with lower attenuation

Applications

The PELTOR ProTac III hearing protectors offer a level-dependent function for ambient listening to be used in noisy areas. Can be used for work in industrial areas, construction sites, rail work and other areas where you need to be able to hear sounds in your surroundings.

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 and/or UKCA marking.

The full text of the EU declaration of conformity is available at the following internet address: www.3M.com/PELTOR/DOC.

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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.

The product has been tested and approved in accordance with EN 352-1:2020/EN 352-3:2020, EN 352-4:2020, EN 352-6:2020+A1:2024 and EN 352-8:2020+A1:2024.

In the box

1 x Headset

2 x AA batteries

1 x User Instruction

Standard Models

Article Number	Description	SAP ID
MT13H220A	3M™ PELTOR™ ProTac III Slim Headset, black, headband	7100088456
MT13H220P3E	3M™ PELTOR™ ProTac III Slim Headset, black, helmet attachment	7100088455
MT13H221A	3M™ PELTOR™ ProTac III Headset, black, headband	7100088424
MT13H221P3E	3M™ PELTOR™ ProTac III Headset, black, helmet attachment	7100088423

Accessories

Article Number	Description	SAP ID
HY220	3M™ PELTOR™ Hygiene Kit HY220	7100383796
FL6CE/1	3M™ PELTOR™ FL6CE/1 3.5 mm Cable	7000108359
HY100A	3M™ PELTOR™ Hygiene Cleaning Pads HY100A	7100064410

Technical data specifications

Materials:

Headband MT13H220A, MT13H221A

- Headband (Stainless steel, PVC, PA)
- Headband wire (stainless steel)
- Two-point fastener (POM)
- Cushion (PVC foil and PUR foam)
- Foam liner (PUR foam)
- Cup (ABS)
- Level-dependent Microphone (PUR foam)
- Latch (PA)
- On/Off/Mode button (TPE)
- [+] button (TPE)
- [-] button (TPE)

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Helmet attachment MT13H220P3E, MT13H221P3E

- Cup supporting arm (stainless steel)

Battery type: 2 x AA batteries (Alkaline)

Operating time: Approximately 100 hours of battery lifetime

Net weight (batteries incl.):

- 3M PELTOR ProTac III Slim MT13H220A (headband) = Approx. 303g
- 3M PELTOR ProTac III MT13H221A (headband) = Approx. 355g
- 3M PELTOR ProTac III Slim MT13H220P3E (helmet attachment) = Approx. 322g
- 3M PELTOR ProTac III MT13H221P3E (helmet attachment) = Approx. 374g

Operating temperature: -20°C (-4°F) to +50°C (122°F) (battery dependent)

Storage temperature: -20°C (-4°F) to +40°C (104°F)

Product lifetime: 5 years excl. batteries

Wired connectivity: 3.5mm listen-only stereo input jack

Use limitation: Never modify or alter this product

Attenuation Europe

STANDARD EN 352-1:2020

Table 1: Headband earmuffs with foam cushions: MT13H220A, MT13H222A

	f(Hz)											Weight
	125	250	500	1000	2000	4000	8000	H	M	L	SNR	
MV (dB)	13.3	17.4	22.3	28.0	30.8	37.6	37.0	31.8	25.0	19.1	27.7	303 g
SD (dB)	3.2	1.8	2.3	3.2	3.4	2.8	4.8	2.0	1.3	1.7	1.2	
APV = MV - SD (dB)	10.1	15.6	20.0	24.8	27.4	34.8	32.2	30	24	17	27	

Table 2: Headband earmuffs with foam cushions: MT13H221A, MT13H223A

	f(Hz)											Weight
	125	250	500	1000	2000	4000	8000	H	M	L	SNR	
MV (dB)	17.0	24.0	29.5	36.9	37.3	39.3	35.4	36.7	31.6	24.4	33.4	355 g

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	f(Hz)											
SD (dB)	3.2	2.0	2.6	3.3	4.9	3.2	3.9	2.4	1.5	2.1	1.4	
APV = MV - SD (dB)	13.8	22.0	26.9	33.6	32.4	36.1	31.5	34	30	22	32	

STANDARD EN 352-3:2020

Table 3: Carrier attachment earmuffs with foam cushions MT13H220P3E

	f(Hz)											
	125	250	500	1000	2000	4000	8000	H	M	L	SNR	Weight
MV (dB)	12.1	16.1	21.7	29.1	31.8	38.3	32.0	31.4	24.7	18.2	27.0	322 g
SD (dB)	3.2	3.0	2.9	3.0	3.3	4.0	6.3	2.1	1.9	2.3	1.5	
APV = MV - SD (dB)	8.9	13.9	18.8	26.1	28.5	34.3	25.7	29	23	16	26	

Table 4: Carrier attachment earmuffs with foam cushions MT13H221P3E

	f(Hz)											
	125	250	500	1000	2000	4000	8000	H	M	L	SNR	Weight
MV (dB)	16.6	22.0	29.1	36.3	36.4	38.7	34.2	35.9	30.7	23.5	32.5	374 g
SD (dB)	2.7	2.2	2.9	3.4	3.9	4.2	4.0	2.3	1.6	2.0	1.5	
APV = MV - SD (dB)	13.9	19.8	26.2	32.9	32.5	34.5	30.2	34	29	22	31	

* Approved for Small, Medium and Large head size.

3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection.

Warranty and Important Notice

Warranty

The warranty does not cover any damage caused by neglected maintenance or careless handling.

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For more information on maintenance, please see the User Instructions.

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.



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3M PSD products are occupational use only.

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