

# 3M™ Peltor™ Technical Datasheet



## 3M™ Peltor™ Tactical XP

MT1H7F2, MT1H7P3E2, MT1H7B2



### Product description

Peltor™ Tactical XP is an electronic level dependent hearing protector with high attenuation. Especially developed for noisy environments where you need to protect your hearing and on the same time be able to hear surrounding noise, like warning signals. Example of suitable areas of use; industry, construction and hunting & shooting segments.

### Key Features:

- High attenuating hearing protector
- Level dependent function (talk through)
- Extra functions; equalizer, balance, release time, external volume
- Exclusive leather head pad
- Electronic voice guided system
- Warning signal when power is low
- Last settings stored when switched off
- 2 x AA batteries included
- Available in headset version
- Available as ATEX/IECEX approved (intrinsically safe)



### Ghost voice guided menu settings:

**Volume** = adjust the level dependent volume up and down

**Balance** = adjust the balance for the level dependent function between left and right ear

**Equalizer** = adjust the surround microphones, choose low, neutral, high or extra-high level where neutral means that the mics listen to the whole sound frequency range, low means that the mics listen to the bass tones etc.

**Release time** = adjust the release time of the level dependent function, choose normal, slow or extra-slow

**External input volume** = adjust the input volume by choosing normal or high

### Versions:

| Description                   | 3M article no | EAN/UPC       | Colour |
|-------------------------------|---------------|---------------|--------|
| MT1H7F2 Headband version      | XH001650064   | 7318640045552 | Black  |
| MT1H7P3E2 Helmet att. version | GT600013889   | 7318640045569 | Black  |
| MT1H7B2 Neckband version      | XH001660667   | 7318640045545 | Black  |

### Accessories and Spare parts:

| Description          | 3M article no | EAN           |
|----------------------|---------------|---------------|
| HY79 Hygiene Kit     | XH001651047   | 7318640011779 |
| M42/1 Mic protection | XH001659792   | 7318640041080 |

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## Standards and Approval:

MT1H7F2 is in conformity with the provisions set out in the PPE directive 89/686/EEC and the EMC directive 2004/108/EC. Thereby it fulfils the requirements for CE marking. The product has been tested and approved in accordance with EN 352-1:2002, EN352-3:2002, EN352-4:2001, EN352-6:2002, EN61000-6-2:2001 and EN61000-6-3:2001.

The product has been examined by FIOH, Finnish Institute of Occupational Health, Topeliuksenkatu 41 a A, FI-00250, Helsinki, Finland Notified body #0403 DECTRON AB, Thörnblads väg 6, SE-386 90 Färjestaden, Sweden.

## Materials:

Headband: stainless steel wires with textile covered stainless steel sheet  
Cups: ABS

## Power:

2 x AA NiMH or alkaline batteries, 2,4-3 V

## Use and storage:

Max temperature for use: +55°C  
Recommended storage conditions: -20° C - +55° C, <85% humidity  
Recommended maximum shelf life: 5 years, except the batteries: <1 year

## Use limitation:

Never modify or alter this product

## In the box:

1 x Hearing Protector  
2 x AA batteries  
1 x User instruction

## Attenuation:

### MT1H7F2, MT1H7B2

| Frequency (Hz)        | 125  | 250  | 500  | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
|-----------------------|------|------|------|------|------|------|------|------|------|
| Mean attenuation (dB) | 13,8 | 21,5 | 30,9 | 36,6 | 35,9 | 36,5 | 35,5 | 40,8 | 39,0 |
| Std deviation (dB)    | 1,8  | 0,9  | 1,3  | 1,5  | 5,5  | 3,3  | 3,1  | 3,7  | 2,3  |
| APV* (84%)            | 12,0 | 20,6 | 29,6 | 35,1 | 30,4 | 33,2 | 32,4 | 37,1 | 36,7 |

SNR=31dB H=32 dB M=29dB L=20dB

### MT1H7P3E2

| Frequency (Hz)        | 125  | 250  | 500  | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 |
|-----------------------|------|------|------|------|------|------|------|------|------|
| Mean attenuation (dB) | 14,0 | 22,4 | 28,1 | 33,8 | 33,4 | 36,0 | 35,4 | 40,0 | 38,7 |
| Std deviation (dB)    | 1,5  | 2,7  | 1,7  | 2,3  | 2,6  | 3,5  | 2,3  | 3,3  | 1,8  |
| APV* (84%)            | 12,5 | 19,7 | 26,4 | 31,5 | 30,8 | 32,5 | 33,1 | 36,7 | 36,9 |

\* APV= Assumed Protection Value

SNR=30dB H=33 dB M=28dB L=20dB

## Important Notice:

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