

3M™ Peltor™ Technical Datasheet



PELTOR™

3M™ Peltor™ ComTac™ XP

MT17H682FB-**

Product description

The 3M™ Peltor™ ComTac™ XP is designed to help reduce exposure to hazardous levels of noise, improve situational awareness and at the same time enable two-way radio communication in noisy environments.

Key Features:

- Designed for comfortable use with a ballistic helmet
- Hearing protection
- Level dependent function for situational awareness
- Easy to use and operate
- Foldable for easy storage and transport
- Configuration menu (hidden)
- Functions: release time, balance, external mute mode, EQ mode, plug mode (maintains situational awareness when used in combination with earplugs)
- SNR 39 dB when combined with earplugs
- Automatic switch off after two hours if no function is used
- No software loads or outside power required, complete self-contained headset with power fail safe
- Combat proven
- Tested to military standards

- (A:1) Headband wire
- (A:2) Headband
- (A:3) Headband padding
- (A:4) Microphone for level dep. function
- (A:5) Battery cover
- (A:6) On/off and volume +/- control
- (A:7) 2 x AAA batteries



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Die Headset Spezialisten
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Applications

Peltor ComTac XP is designed to be used by infantry soldiers and emergency response units within law enforcement.

Standards and Approval:

PPE directive 89/686/EEC
EMC directive 89/336/EEC
MIL-STD-810F
EMC-MIL-STD-461F

Versions:

| Description | 3M art. no. | 3M art. no. | EAN/UPC | Colour |
|----------------------------|-------------|-------------|---------------|-------------|
| MT17H682FB-02 ComTac XP | XH001660584 | | 7318640047297 | Olive Green |
| MT17H682FB-08 SV ComTac XP | XH001660592 | | 7318640047303 | Black |

In the Box:

1 x ComTac XP
1 x User manual
2 x AAA batteries

Technical Data Specifications:

Power: Battery Type: 2 x AAA 1,2-1,5V batteries
Operating time: ~ 500h (battery & temperature dependent)
Net Weight: 285g (inc. batteries)
Operating temperature: -40 °C to +55 °C (battery dependent)
Storage Temperature: -50 °C to +70 °C

Accessories and Spare parts:

| Description | 3M art. no. | EAN |
|--|-------------|---------------|
| 1079 SV Battery lid | 11003065544 | 93045933242 |
| HY68 Hygiene kit (attenuation cushions & foam) | XH001652482 | 7318640025615 |

Attenuation

MT17H682FB-**

| Frequency (Hz) | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|-------------------------------|----|------|------|------|------|------|------|------|
| Mean attenuation (dB) | | 11.5 | 17.9 | 27.8 | 30.0 | 32.1 | 36.2 | 40.3 |
| Std deviation (dB) | | 2.5 | 2.7 | 1.8 | 2.3 | 3.0 | 2.0 | 3.1 |
| Assumed Protection Value (dB) | | 9.0 | 15.3 | 25.9 | 27.7 | 29.1 | 34.2 | 37.2 |

SNR=28 db H=31 db M=25 db L=16 db

MT17H682FB-** in combination with 3M EAR Classic earplug

| Frequency (Hz) | 63 | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 |
|-------------------------------|------|------|------|------|------|------|------|------|
| Mean attenuation (dB) | 33,6 | 35,5 | 40,8 | 51,4 | 44,7 | 37,0 | 48,1 | 44,8 |
| Std deviation (dB) | 4,4 | 5,8 | 5,0 | 6,6 | 4,8 | 3,6 | 4,9 | 4,8 |
| Assumed Protection Value (dB) | 29,1 | 29,7 | 35,8 | 44,9 | 40,0 | 33,5 | 43,3 | 40,0 |

SNR=39 db H=36 db M=38 db L=36 db

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.

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



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