

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 40 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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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 | Article no | Article no | EAN/UPC | Colour |
|------------------|------------|-------------|---------------|-------------|
| MT16H682FB-02 | Comtac XP | XH001660584 | 7318640047297 | Olive Green |
| MT16H682FB-08 SV | Comtac XP | XH001660592 | 7318640047303 | Black |

Accessories and Spare parts:

| Description | Art no | EAN |
|---|-------------|---------------|
| 1079 SV Battery lid | 11003065544 | 93045933242 |
| HY68 Hygiene Kit(attenuation cushions & foam) | XH001652482 | 7318640025615 |

Attenuation

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| 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

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

Important Notice:

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