

# 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



A:7

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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	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		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:

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