



PELTOR™

## 3M™ PELTOR™ ComTac XPI Headset

MT20H682FB-02, MT20H682FB-02 SV

### Product description

The 3M™ PELTOR™ ComTac XPI Headset 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. This product is compatible with other military gear e.g., helmet, protective vest etc.

### Key Features:

- Hearing protection
- Level-dependent function for ambient listening
- “Plug and play”, no start up time
- Foldable headband for easy storage and transport
- Configuration menu with voice guide
- Functions: release time, balance, external mute mode, EQ mode
- Earplug mode (maintains situational awareness when used in combination with earplugs)
- SNR 39 dB when combined with earplugs
- Automatic power off after two hours if no function is used
- No software loads or outside power required, complete self-contained headset with power fail safe
- Tested according to parts of military standards MIL-STD-810F

### Applications

3M™ PELTOR™ ComTac XPI Headset 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 2004/108/EC  
MIL-STD-810F  
EMC-MIL-STD-461F

### In the Box:

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

### Models:

Article number	Description	3M ID number
MT20H682FB-02 ComTac XPI	Foldable headband, green	XH001680905
MT20H682FB-02 SV ComTac XPI	Foldable headband, black	XH001680988

### Accessories and Spare parts

1079 SV	Battery lid	11003065544
HY68 SV	Hygiene kit (attenuation cushions & foam)	XH001654461



MT20H68FB-02

- (A:1) Foldable Headband, Leather
- (A:2) Two-point fasternes
- (A:3) Cup
- (A:4) Battery lid
- (A:5) Ear cushion PVC foil, PUR foam
- (A:6) External input
- (A:7) Microphone for level-dependent function for ambient listening
- (A:8) 2 x AAA batteries



A:8



MT20H68FB-02 SV

# Technical Datasheet

## Technical data specifications

<b>Power:</b>	2 x AAA 1.2-1.5V batteries
<b>Operating time:</b>	~ 200h (battery & temperature dependent)
<b>Net Weight:</b>	335g (inc. batteries)
<b>Colour:</b>	Green, Black
<b>Operating temperature:</b>	-40 °C to +55 °C (battery dependent)
<b>Storage Temperature:</b>	-50 °C to +70 °C

## Attenuation Values

### MT20H682FB-\*1

Frequency (Hz) <sup>2</sup>	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) <sup>3</sup>	11.5	17.9	27.8	30.0	32.1	36.2	40.3
Standard Deviation (dB) <sup>4</sup>	2.5	2.7	1.8	2.3	3.0	2.0	3.1
Assumed Protection Value (dB) <sup>5</sup>	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

### MT20H682FB\* + EAR Classic

Frequency (Hz) <sup>2</sup>	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB) <sup>3</sup>	35.5	40.8	51.4	44.7	37.0	48.1	44.8
Standard Deviation (dB) <sup>4</sup>	5.8	5.0	6.6	4.8	3.6	4.9	4.8
Assumed Protection Value (dB) <sup>5</sup>	29.7	35.8	44.9	40.0	33.5	43.1	40.0

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



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#### 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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