

# 3M™ Peltor™ Technical Datasheet



PELTOR™

## 3M™ Peltor™ ComTac IV

MT16H044F- \*\*

### Product description

The Peltor™ ComTac™ IV 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
- Detachable microphone & ear buds
- Backwards compatible with 3M™ PELTOR™ PTT Adapters
- Level dependent function for situational awareness
- Easy to use and operate
- Foldable for easy storage and transport
- Voice guided configuration menu (hidden)
- Functions: release time, balance, boost mode
- Automatic switch off after two hours if no function is used
- Headset electronics are contained completely inside the headset housing, eliminating the need for a large, heavy external radio control box
- A headband which mechanically stabilizes the headset to help relieve issues of earplugs dislodging from cable snags and body movement
- No software loads or outside power required, complete self-contained headset with power fail safe
- Tested to military standards



- |                                       |                                 |
|---------------------------------------|---------------------------------|
| 1. Headband wire                      | 9. On/off and volume + control  |
| 2. Headband                           | 10. On/off and volume - control |
| 3. Headband padding                   | 11. Speech microphone           |
| 4. Microphone for level dep. function | 12. Comfort padding             |
| 5. Frame                              | 13. Eartips - Ultrafit          |
| 6. Battery cover                      | 14. Eartips - Torque            |
| 7. Earbud                             | 15. 2 x AAA batteries           |
| 8. Connection cable                   |                                 |

### Applications

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

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## Versions:

### Description

MT16H044F-38 GN	Comtac IV
MT16H044F-86 GN	Comtac IV NATO Wired
MT16H044F-88 GN	Comtac IV Dual 1xDownlead

### Article no

XH001679535
XH001679543
XH001679550

### Colour

Olive Green
Olive Green
Olive Green

## Standards and Approval:

PPE directive 89/686/EEC  
EMC directive 2004/108/EC  
MIL-STD-810F  
EMC-MIL-STD-461F

## Accessories and Spare parts:

### Description

MT31E/1	Goose neck speech microphone
MT90-02	Throat microphone (dynamic)
1079 SV	Battery lid
M60/2	Wind protection foam
HY700	Comfort padding-foam
HTM045/2	Pair of ear buds
PELTIP4-01	Ultrafit eartips, 50 pairs
PELTIP5-01	Torque eartips, 50 pairs

### Art no

UU001501863
XL001644068
11003065544
XH001652532
XH001679584
XH001679600
XH001679618
XH001679626

## In the Box:

- 1 x ComTac IV headset
- 1 x User manual
- 1 x Pair of comfort padding-foam
- 1x Pair of UltraFit™
- 1X Pair of Torque™
- 2 x AAA batteries

## Technical Data Specifications:

Power: Battery Type: 2 x AAA 1,2-1,5V batteries  
Operating time: ~ 250h (battery & temperature dependent)  
Connector: Peltor or NATO wired J11  
Net Weight: 238g (inc. batteries)  
Operating temperature: -40 °C to +55 °C (battery dependent)  
Storage Temperature: -50 °C to +70 °C

## Attenuation:

### UltraFit Eartips

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	28.6	27.0	30.3	29.2	30.9	31.6	32.0
Std deviation (dB)	5.3	6.0	6.0	5.4	3.4	6.6	4.5
Assumed Protection Value (dB)	23.3	21.0	24.4	23.8	27.4	25.1	27.6

SNR=27 db H=26 db M=25 db L=23 db

### Torque Eartips

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation (dB)	31.0	29.5	31.4	33.9	33.7	40.0	42.4
Std deviation (dB)	4.9	4.6	5.2	5.5	3.6	2.5	3.4
Assumed Protection Value (dB)	26.1	24.9	26.3	28.4	30.1	37.4	38.9

SNR=32 db H=32 db M=29 db L=27 db



### 3M Personal Safety Division

3M Svenska AB, Box 2341  
SE-331 02 Värnamo  
Sweden  
Phone: +46 (0) 370 65 65 65  
Fax: +46 (0) 370 65 65 99  
Email: peltorcommunications@mmm.com  
Internet: www.3M.com/Peltorcomms

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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