



**PELTOR™**  
Protection & Communication

# ComTac™ VIII Headset

3M™ PELTOR™ ComTac™ VIII is the latest in the established PELTOR product line of tactical headsets that provides hearing protection, environmental listening, and connectivity to communication solutions.

## Soundscape

Automatically increases radio and voice prompt volume and reduces radio static to promote speech intelligibility in continuous noise.

## Ear Plug Mode

Boosts environmental listening, comms volume and voice prompts to help compensate for additional attenuation when earplugs are worn under the headset as dual protection.

## Steel Headband

Individually sprung stainless steel headband wires help to provide an even and consistent distribution of pressure around the ears for long term comfort.

## Fail Safe Comms

Allows radio receive/transmit without headset power.

## Low Profile Headband

Designed to help reduce 'hot spots' for better comfort during extended wear and allow for easy transition to helmet mounted comms.



## Updated Earcup

Helps provide maximum attenuation while providing more space within the earcup for dual hearing protection.

## Mission Audio Profiles (MAP)

Helps enhance auditory performance in 5 preset gain settings enabled by frequency-shaping technology.

## Ruggedized Cable

Engineered to withstand harsh environmental conditions and repeated mechanical stress.

## Noise Cancelling Speech Microphone

Mounted higher to the left cup only but maintains ambidextrous use. Delivers improved voice transmission in noise while reducing dust and water ingress (IP68, 6m/30 min).





## Mission Audio Profiles (MAP)

The MAP function provides new advanced ambient/environmental listening modes:

### Observation

For maximum auditory awareness and sound detection in a quiet environment when the user is still.

### Patrolling

For high situational awareness when walking in a low-noise environment. High volume with reduced high frequencies to limit sounds such as footsteps on gravel, grass moving under feet, or equipment moving on body.

### Conversation

Intended to closely approximate open ear listening and sound localization. Ideal setting for extended use when other modes are not needed.

### Comfort

For comfort in a noisy environment. Intended for use in periods of loud noise produced by tactical vehicles or air transport, where environmental listening is not prioritized over communications.

### Ambient Listening Off

For maximum sound reduction when operating in high noise and monitoring a radio.

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## Downlead Connectivity

### 4-pin Single-COMM, NATO wired, Amphenol® Nexus®

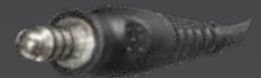
PELTOR standard connector for backwards compatibility with existing DoD PTTs and direct connectivity to select aircraft intercom systems.

### 5-pin Dual-COMM, Amphenol® Nexus®

Allows for split audio dual comm management with one PTT with fewer cables.

### 10-pin TAC, Amphenol® Nexus®

Self-cleaning, compact connector that enables power management from radio or similar system.



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## Noise Attenuation

### Noise Reduction Rating (NRR) Tested in accordance with ANSI S3.19-1974

- Headband with foam cushions: 22 dB
- Headband with gel cushions: 23 dB
- Helmet attachment with foam or gel cushions on 3M™ Combat High Ballistic Helmet C105HC : 22 dB

# Ordering Information

## No Download

Part Number	Description	SAP ID
MT14H418A-09 GN	3M™ PELTOR™ ComTac™ VIII Hearing Defender MT14H418A-09 GN - O.D. Green	7100328483
MT14H418A-09 GE	3M™ PELTOR™ ComTac™ VIII Hearing Defender MT14H418A-09 GE - Charcoal Grey	7100328467
MT14H418A-09 CY	3M™ PELTOR™ ComTac™ VIII Hearing Defender MT14H418A-09 CY - Coyote Brown	7100327830



## Single Download / Single Comms (4-pin)



Part Number	Description	SAP ID
MT14H418A-47 GN	3M™ PELTOR™ ComTac™ VIII Single Comm Headset MT14H418A-47 GN, Nexus™ 4-Con, O.D. Green	7100328388
MT14H418A-47 GE	3M™ PELTOR™ ComTac™ VIII Single Comm Headset MT14H418A-47 GE, Nexus™ 4-Con, Charcoal Grey	7100327520
MT14H418A-47 CY	3M™ PELTOR™ ComTac™ VIII Single Comm Headset MT14H418A-47 CY, Nexus™ 4-Con, Coyote Brown	7100328262



## Single Download / Dual Comms (5-pin)



7100332515	Description	SAP ID
MT14H418A-92 GN	3M™ PELTOR™ ComTac™ VIII Multi Comm Headset MT14H418A-92 GN, Nexus™ 5-Con, O.D. Green	7100326707
MT14H418A-92 GE	3M™ PELTOR™ ComTac™ VIII Multi Comm Headset MT14H418A-92 GE, Nexus™ 5-Con, Charcoal Grey	7100332515
MT14H418A-92 CY	3M™ PELTOR™ ComTac™ VIII Multi Comm Headset MT14H418A-92 CY, Nexus™ 5-Con, Coyote Brown	100327829



## Single Download / Dual Comms (10-pin)



Part Number	Description	SAP ID
MT14H418A-109 GN	3M™ PELTOR™ ComTac™ VIII Multi Comm Headset MT14H418A-109 GN, Nexus™ 10-Pin, O.D. Green	7100328446
MT14H418A-109 GE	3M™ PELTOR™ ComTac™ VIII Multi Comm Headset MT14H418A-109 GE, Nexus™ 10-Pin, Charcoal Grey	7100328412
MT14H418A-109 CY	3M™ PELTOR™ ComTac™ VIII Multi Comm Headset MT14H418A-109 CY, Nexus™ 10-Pin, Coyote Brown	7100327521



# Accessories and Replacement Parts



**HY80A**  
Gel cushions



**HYM1000**  
Microprotector



**P3ADG47-F SV/2**  
Rails attachment



**M171/2**  
Wind shield for microphone for  
MT73 / MT33

Part Number	Description	SAP ID
M194/2	3M™ PELTOR™ ComTac™ VII,VIII, IX. Wind Shield Kit for Surround Mic, Pair	7100232688
1086 SV/1	3M™ PELTOR™ ComTac™ VII,VIII, IX. Battery Lid	7100232689
AGM/1	3M™ PELTOR™ ComTac™ VII,VIII, IX. Headband	7100227486
A47/1	3M™ PELTOR™ ComTac™ VII,VIII, IX. Microphone Guide	7100227492
MT71/1	3M™ PELTOR™ ComTac™ VII,VIII, IX. Boom Microphone dyn.	7100230581
P3ADG47-F SV/2	3M™ PELTOR™ ComTac™ VII,VIII, IX. ARC Rail Attachment. Pair	7100227493
HY68 SV	3M™ PELTOR™ Hygienekit. Pair	7000108023
HY80A	3M™ PELTOR™ Replacement Gel Cushions. Pair	7100014310
HYM1000	3M™ PELTOR™ Protection tape for speech microphone	7100064281
M171/2	3M™ PELTOR™ Wind shield for speech microphone. pair	7100112112
A46/4	3M™ PELTOR™ ComTac™ VII,VIII, IX. 4 x Guides.	7010044799

# Accessories and Replacement Parts



## ▲WARNING

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury. For correct use, consult supervisor and User Instructions, or call 3M PSD Technical Service in the USA at 1-800-665-2942 (Communications) and 1-800-243-4630 (Hearing).

### WARNING

U.S. EPA specifies the NRR as the measure of hearing protector noise reduction. However, 3M makes no warranties as to the suitability of the NRR for this purpose. 3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations and guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.

### 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.

### 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.

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### CAUTION:

When worn according to these User Instructions, these hearing protectors help reduce exposure to both continuous noises, such as industrial noise and noise from vehicles and aircraft, as well as very loud impulse noise, such as gunfire. It is difficult to predict the required and/or actual hearing protection obtained during exposure to impulse noises. For gunfire, the weapon type, number of rounds fired, proper selection, fit and use of hearing protection, proper care of hearing protection, and other variables will impact performance. To learn more about hearing protection for impulse noise, visit [www.3M.com/hearing](http://www.3M.com/hearing).



### 3M Personal Safety Division

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St. Paul, MN 55144-1000



Scan for more information  
[3M.com/peltortactical](http://3M.com/peltortactical)

### For more information:

Technical Service 1-800-665-2942  
Customer Service 1-800-328-1667

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