



PELTOR™
Protection & Communication



ComTac™ IX NIB Headset

3M™ PELTOR™ ComTac™ IX is the latest iteration of PELTOR's tactical NIB headset. In addition to hearing protection, environmental listening and connectivity to communication solutions, it also provides wireless headset-to-headset communication.

Radio Audio Management

Select one of three preset sound profiles to choose how incoming audio is presented:

- Mix
- Single
- Surround

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.

Microphone Gain Adjustment

The microphone gain can be adjusted to accommodate a variety of communication solutions.

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).

Low Profile Headband

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



Soundscape

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

Mission Audio Profiles (MAP)

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



Headset-to-headset inter-team communication (NIB)

NIB enables short-range, full duplex, wireless headset-to-headset inter-team communication without the use of an external radio.



Laboratory Noise Attenuation. Standard EN 352-1:2020

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 value(s). In the absence of applicable regulations, it is recommended that the attenuation label value(s) be reduced to better estimate typical protection. The attenuation rating (SNR) was obtained with the device powered off.

MT14H419A** (Headband with foam cushion)

	f (Hz)							H	M	L	SNR	📏
	125	250	500	1000	2000	4000	8000					
MV (dB)	12.6	18.1	29.1	30.5	31.9	43.7	39.4	34	27.4	19.7	29.8	339 g
SD (dB)	2.3	1.5	3.3	2.6	2.2	2.5	2.7	1.3	1.1	1.6	1.0	
APV = MV - SD (dB)	10.3	16.6	25.8	27.9	29.7	41.2	36.7	33	26	18	29	

MT14H419A** with HY80 (Headband with gel cushion)

	f (Hz)							H	M	L	SNR	📏
	125	250	500	1000	2000	4000	8000					
MV (dB)	12.1	17.8	29.2	34.9	33.9	43.2	39.3	36.3	28.1	19.3	30.4	374 g
SD (dB)	2.2	1.4	2.9	2.2	2.2	3.2	3.3	1.2	1.3	1.8	1.2	
APV = MV - SD (dB)	9.9	16.4	26.3	32.7	31.7	40.0	36.0	35	27	18	29	

MT14H419A** with 3M™ E-A-R™ Classic Earplugs (Dual Protection Mode)

	f (Hz)							H	M	L	SNR	📏
	125	250	500	1000	2000	4000	8000					
MV (dB)	34.4	44.4	53.2	48.8	40.0	48.7	43.8	41.4	42.8	41.1	43.2	339 g
SD (dB)	4.7	4.3	6.4	5.1	4.9	4.6	4.0	4.1	3.5	3.7	3.4	
APV = MV - SD (dB)	29.7	40.1	46.8	40.7	35.1	44.1	39.8	37	39	37	40	

WARNING!

This hearing protector helps reduce exposure to hazardous noise and other loud sounds. **Misuse or failure to wear hearing protection at all times when exposed to hazardous noise may result in hearing loss or injury.** For correct use, consult supervisor and User Instructions, or call 3M Technical Services. If your hearing seems dulled or you hear a ringing or buzzing during or after any noise exposure (including gunfire), or for any other reason you suspect a hearing problem, leave the noisy environment immediately and consult a medical professional and/or your supervisor.

CAUTION:

When worn according to these User Instructions, these hearing protectors help reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, as well as very loud impulse noises, 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.

Ordering Information

No Download

Part Number	Description	SAP ID
MT14H419A-02 GE	3M™ PELTOR™ ComTac™ IX NIB Hearing Defender MT14H419A-02 GE, Charcoal Grey	7100397844
MT14H419A-02 GN	3M™ PELTOR™ ComTac™ IX NIB Hearing Defender MT14H419A-02 GN, O.D Green	7100397862

Single Download / Single Comms (4-pin)

Part Number	Description	SAP ID
MT14H419A-38 GE	3M™ PELTOR™ ComTac™ IX NIB Headset, Charcoal Grey, 4-pin (PELTOR)	7100396590
MT14H419A-38 GN	3M™ PELTOR™ ComTac™ IX NIB Headset, O.D Green, 4-pin (PELTOR)	7100396935
MT14H419A-86 GE	3M™ PELTOR™ ComTac™ IX NIB Headset, Charcoal Grey, 4-pin (NATO)	7100396685
MT14H419A-86 GN	3M™ PELTOR™ ComTac™ IX NIB Headset, O.D Green, 4-pin (NATO)	7100396631



Single Download / Dual Comms (5-pin)

Part Number	Description	SAP ID
MT14H419A-35 GE	3M™ PELTOR™ ComTac™ IX NIB, Charcoal Grey, 5-pin	7100396814
MT14H419A-35 GN	3M™ PELTOR™ ComTac™ IX NIB Headset, O.D Green, 5-pin	7100396834



Single Download / Dual Comms (10-pin)

Part Number	Description	SAP ID
MT14H419A-108 GN	3M™ PELTOR™ ComTac™ IX NIB Headset, O.D Green, 10-pin	7100396571
MT14H419A-108 GE	3M™ PELTOR™ ComTac™ IX NIB Headset, Charcoal Grey, 10-pin	7100396854



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