

# Aviation Industry Communication & Hearing Protection

**PELTOR**



# On The Ground And In The Air

3M™ Peltor™ has been a leading name in two-way communication headsets and protective earmuffs for over 50 years. By combining state-of-the-art electronics and hearing protector advancements, the 3M™ Peltor™ Aviation line has become a top choice for airport ground crews and pilots around the world.

Leading the Advancement of Hearing Conservation™

**3M**

# Aviation Headsets

The 3M™ Peltor™ aviation headset line features a selection of products with excellent communication and hearing protection capabilities for pilots of personal propeller airplanes and helicopters.

## Fixed Wing

### 3M™ Peltor™ ANR 9500 Headsets

*use analog and digital active noise reduction for improved noise attenuation*

This lightweight headset is designed for use with single/twin engine aircraft planes or helicopters (with additional adapter cable)

- Digital Technology for improved Engine & Propeller Noise reduction
- Single, Twin Engine or Helicopter Settings
- Noise-Canceling Gentex® Gooseneck Microphone
- Gel-Filled Cushions
- Folds For Storage
- Textile Headband Cover
- Durable Cables
- 5 year warranty
- Passive NRR 23 dB\*\*\*\*\*



Control Pod  
MP3 Player/Mobile  
Phone Input  
Volume, Stereo/Mono  
Switch, Bass Boost and  
Auto Shut-Off.



(shown) ANR 9500 Headset

### 3M™ Peltor™ Nordica™ Sport & Sport GT Headsets

*with audio input for MP3 player or cell phone*

These versatile, lightweight headsets are designed to meet the needs of most personal aircraft pilots with crisp, clear communication.

- Lightweight – 9.8 oz.
- Sport GT Includes MP3/Cell Phone Audio Jack, Cables & Carrying Bag
- Contoured, Low-Profile Earcups
- Noise Canceling Electret Microphone
- Selection of Dual-Color Earcups
- NRR 23 dB with Gel Cushions\*\*\*\*\*

(shown) MT22H52A-03 BM  
Nordica Sport GT in Blue w/MP3/  
Cell Phone Input

Also Available: MT22H52A-03 GV  
Nordica Sport GT in  
Gray w/MP3/Cell Phone Input

MT22H52A-01 BM  
Nordica Sport in Blue  
w/MP3/Cell Phone input  
MT22H52A-01 GV  
Nordica Sport in Gray  
w/MP3/Cell Phone input



### 3M™ Peltor™ 7000 PRO GT Headsets

Designed for pilots and passengers, the 7000 PRO GT delivers a high level of hearing protection, communication capabilities and comfort features.

- Lightweight Design
- Comfortable, Gel Cushions
- Noise-Canceling Electret Gooseneck Mic
- Carrying Bag Included
- NRR 25 dB\*\*\*\*\*

(shown) 7000 PRO GT  
Also available:  
7000 Sport LE  
Audio Jack  
7000 PRO GTH  
for helicopter pilots



## Helicopter

### NEW 3M™ Peltor™ Hummingbird™ Headset

*designed for low-impedance helicopter intercom systems*

This new headset leads the 3M Peltor line of helicopter headsets with advanced comfort and performance features.

- Twin Cup/Double Shell Earcup Design Provides High Attenuation
- Top Exit Cables Allow For Easy Connection To Overhead Intercoms
- Coiled Cables Extend for Console-Mounted Intercoms
- NRR 25 dB\*

(shown) MT72H540F-91  
Hummingbird  
Helicopter Headset



### NEW 3M™ Peltor™ 8103 Headset

*with ambient-noise compensating microphone*

The 8103, with its dynamic differential microphone, is specially designed for low impedance, helicopter intercom systems.

- Compatible with most low impedance intercom systems
- Broad, Covered Headband with Two-point Suspension for Seal and Comfort
- NRR 25 dB\*

(shown) MT52H79F-03  
Helicopter Headset  
8103 CE



# Ground Mechanic/Push Back Headsets

Peltor™ Ground Mechanic Headsets are designed to provide clear communications and comfortable hearing protection during high noise push-back and ground support operations in many climate conditions.

## Wireless

### 3M™ Peltor™ WS Headsets

With Bluetooth® Technology

Freedom from clumsy wires and cords provides ground crews with increased mobility and efficiencies during push-back and other functions. Welcome to the wireless world.

- Simple & Easy Connection Between Headset and Adaptor
- Cockpit Communication Range of up to 32 feet
- High Attenuation Earcups Helps Protect and Ensure Clear Communications
- Noise-Canceling Microphone Helps Prevent Ambient Noise Disturbance
- Bright Neon Color
- NRR 25 dB (Over-the-Head)\*\*\*\*\*

(shown) MT53H7AWS2 GB  
Headband Model Hi-Viz

Other Models Available:  
MT53H7AWS2  
Headband Blue Color  
MT53H7BWS2  
Neckband Blue Color  
MT53H7P3EWS2  
Hardhat Mount Blue Color



## 3M™ Peltor™ WS Adaptor

- Simple & Easy Connection Between Headset and Adaptor
- Two 1.5 V AA Batteries, or 3M Peltor rechargeable battery, can provide long, reliable operation.



(shown) FL6007-WS GB

## Wired

### Hi-Viz Ground Mechanic Headsets

Versatile headset designed for comfortable wear and clear ground crew transmission/reception communications.

- Comfortable, Liquid/ Foam-Filled Earcup Cushions
- Noise-Canceling Boom
- Microphone w/Integral Amplifier
- Padded Headband
- Durable Plug Assemblies
- Bright Neon Color
- NRR 25 dB\*\*\*\*\*

(shown) MT7H79F-01 GB  
Bright Yellow w/Folding  
Headband

Other Models Available:  
MT7H79F-01  
Headband Black Cups  
MT7H79F-68  
Headband w/PTT  
MT7H79F-68 GB  
Headband PTT & Hi-Viz





# 2-Way Radio Headsets

*an innovation in integrated communications*

All-in-one communications, the PowerCom™ line of headsets is an efficient alternative to belt radio models.

## 3M™ Peltor™ PowerCom™ Headset

The PowerCom headset revolutionized two-way communications. Features include:

- No More Wires or Belt Radios Required
- Up to a 2-Mile Range
- 22 Pre-Programmed Channels
- VOX and PTT Transmit
- Privacy Channel System (CTCSS Tones)
- Noise Canceling Boom Electret Microphone
- NRR Up To 25dB (Over the Head)\*\*\*\*\*

## 3M™ Peltor™ PowerCom™ PLUS Headset

Includes all PowerCom features PLUS:

- Level-dependent Microphones for Ambient Listening
- 22 Pre-programmed Channels
- Factory Mutual Certified Intrinsically Safe\*\*
- 22 Pre-programmed Channels From 462-467 MHz
- 38 Privacy Channels (CTCSS Tones)

## 3M™ Peltor™ PowerCom™ PLUS II UHF 2-Way Radio Headset

Includes all PowerCom features PLUS:

- Level-dependent Microphones for Ambient Listening
- UHF Band with Up To 30 Programmable Channels (430-470 MHz)
- Factory Mutual Certified Intrinsically Safe\*\*\*
- 121 Privacy Channels (CTCSS & DCSL Tones)
- Programming Compatible with Repeaters

(shown) MT53H7A4600  
PowerCom Headband

**Other models available:**

MT53H7B4600  
PowerCom Neckband  
MT53H7P3E4600 PowerCom  
Clip-In Hard Hat

(shown) MT53H7A4620  
PowerCom Plus Headband  
Intrinsically Safe

**Other Models Available:**

MT53H7B4620  
PowerCom Plus Neckband  
FM/CSA approved  
Intrinsically Safe  
MT53H7P3E4620  
PowerCom Plus Clip-In Hard Hat  
FM/CSA approved  
Intrinsically Safe

(shown) MT53H7P3E4720  
PowerCom Plus II Clip-In  
Hard Hat Model  
Intrinsically Safe

**Other models available:**

MT53H7A4720 PowerCom Plus II  
Headband Model  
Intrinsically Safe  
MT53H7B4720 PowerCom Plus II  
Neckband  
Intrinsically Safe



# Tactical Headsets

## 3M™ Peltor™ Tactical XP™ Headset

*clear ambient listening and high-noise attenuation*

Electronic level-dependent technology allows wearers to hear voices, machine noises, etc. clearly, while receiving protection against harmful, high level continuous and impulsive noises

- Omni-Directional Earcup Microphones Amplify Ambient Sounds
- Easy-Access Fingertip Controls
- Electronic Voice-Guided Menu System
- Battery-Saving Automatic Shut-Off
- Factory Mutual Certified Intrinsically Safe \*\*\*\*\*
- Bluetooth® Wireless Technology
- NRR 27 dB (Headband model)\*\*\*\*\*

(shown) MT1H7F2-59 Tactical XP  
Headband Fm/Csa Approved  
Intrinsically Safe

**Other Model Available:**  
MT1H7F2WS3 Tactical XP  
w/Foldable Headband  
Wireless Bluetooth 



# QUALITY ACROSS THE LINE.

**3M™ Peltor™ headsets and earmuffs are known for many performance and comfort features including:**

- Padded Headbands with two-point suspension for comfortable, pressure distribution and easy height adjustment on headband versions.
- Wide earcups with liquid & foam-filled cushions are designed to provide long wear comfort and optimum seal.
- Microphones with noise-cancelling design for communication clarity. Microphone positioning can be easily adjusted.
- Earcup microphones featured on some models provide omni-directional ambient listening and controlled amplification.
- Flexible, insulated connection cords feature durable, long wear polyurethane.

# Push-To-Listen Headsets

## 3M™ Peltor™ PTL™ Earmuffs

*provide safe attenuation with the push of a button*

The practice of “lifting off” an earmuff to hear can compromise attenuation and protection for wearers. 3M Peltor’s PTL earmuff helps eliminate this problem by allowing “outside the muff” sounds to be heard clearly when needed.

(shown) H7A-PTL  
Headband Model



- Earcup Button for Listening Mode
- Listen-through Capability with the Pass-through Sound Limited to 87 dBA
- Auto-Switches to Full Protection (NRR 26 dB\*\*\*\*\*) After 30 Seconds or When Button is Pressed Again
- Comfortable Liquid/Foam Filled Earcup Cushions

# Hearing Protection Earmuffs

## 3M™ Peltor™ Optime™ 105 Headset Bright Neon

*For extreme noise levels up to 105 dB*

The Optime™ 105 features a “double shell” earcup design (two cups connected via a foam inner layer to reduce structural resonances) to provide more protection against noise than an earmuff without the “double shell” earcup design. High frequency and low frequency noise.

(shown) H10A-HV  
Optime™ 105  
Headset Bright Yellow



- Lightweight Design
- Comfortable Liquid/Foam-Filled Earcup Cushions
- Pivoting Earcups
- Twin Cup Model Features a Unique Double-Shell Design for Added Protection in High Noise Areas
- NRR 30 dB\*\*\*\*\*



PRODUCT CATEGORY	3M PRODUCT NO.	3M UPC NO.	FORMAL MARKETPLACE NAME
Fixed Wing	ANR 9500 DIGITAL	10093045933546	3M™ Peltor™ Active Noise Reduction Aviation Headset White ANR 9500 DIGITAL, 1/case
Fixed Wing	7000 PRO GT	10093045931221	3M™ Peltor™ 7000 Pro GT Fixed Wing Aviation Headset Blue 7000 PRO GT, 1/case
Helicopter	7000 PRO GTH	10093045931252	3M™ Peltor™ 7000 Pro GT Helicopter Headset Blue 7000 PRO GTH, 1/case
Fixed Wing	7000 SPORT LE	10093045931269	3M™ Peltor™ 7000 Sport LE Fixed Wing Aviation Headset Blue 7000 SPORT LE, 1/case
Fixed Wing	MT22H52A-01 BM	00093045934034	3M™ Peltor™ Nordica Aviation Sport Headset Blue/Black MT22H52A-01 BM, 1/case
Fixed Wing	MT22H52A-01 GV	10093045934048	3M™ Peltor™ Nordica Aviation Sport Headset Grey/Black MT22H52A-01 GV, 1/case
Fixed Wing	MT22H52A-03 BM	10093045930033	3M™ Peltor™ Nordica Sport GT Aviation Headset Blue/Black MT22H52A-03 BM, 1/case
Fixed Wing	MT22H52A-03 GV	00093045930029	3M™ Peltor™ Nordica Sport GT Aviation Headset Grey/Black MT22H52A-03 GV, 1/case
Helicopter	MT52H79F-03		3M™ Peltor™ Helicopter Headset 8103 CE Low Impedance MT52H79F-03, 1/Case
Helicopter	MT72H540F-91	07318640049765	3M™ Peltor™ Hummingbird Helicopter Headset Low Impedance MT72H540F-91, 1/Case
Ground Mech/Pushback	FL3-21	07318640042377	3M™ Peltor™ Curly Extension Cable 11 to 18 Feet FL3-21, 1/Case
Ground Mech/Pushback	FL3-22	07318640042384	3M™ Peltor™ Curly Extension Cable 22 to 29 Feet FL3-22, 1/Case
Ground Mech/Pushback	FL3-23	07318640042391	3M™ Peltor™ Extension Cable Straight 40 Feet FL3-23, 1/Case
Ground Mech/Pushback	FL5006-01	07318640042193	3M™ Peltor™ Ground Mechanic Belt Station PTT with 22-29 Foot Curly Cable FL5006-01, 1/Case
Ground Mech/Pushback	FL6007-WS GB	07318640042339	3M™ Peltor™ Hi-Viz Aviation Ground Mechanic Adapter FL6007-WS GB 1/Case
Ground Mech/Pushback	MT53H7AWS2	07318640041431	3M™ Peltor™ Bluetooth™ Wireless Headset - Headband Model MT53H7AWS2
Ground Mech/Pushback	MT53H7AWS2 GB	07318640043275	3M™ Peltor™ Folding headband MT53H7AWS2 GB, High Viz Cup Color, NRR 25dB 1/Case
Ground Mech/Pushback	MT53H7BWS2	07318640041448	3M™ Peltor™ Bluetooth™ Headset MT53H7BWS2, Neckband Model 1/Case
Ground Mech/Pushback	MT53H7P3EWS2	07318640041455	3M™ Peltor™ Bluetooth™ Headset MT53H7P3EWS2, Clip-in Hard Hat Model 1/Case
Ground Mech/Pushback	MT7H79F-01	07318640041486	3M™ Peltor™ Ground Mechanic Headset Black Cups MT7H79F-01, 1/Case
Ground Mech/Pushback	MT7H79F-01 GB	07318640041493	3M™ Peltor™ Ground Mechanic Headset Hi-Viz Cups MT7H79F-01 GB, 1/Case
Ground Mech/Pushback	MT7H79F-68	07318640041882	3M™ Peltor™ Ground Mechanic Headset w/PTT Black Cups MT7H79F-68, 1/Case
Ground Mech/Pushback	MT7H79F-68 GB	07318640041899	3M™ Peltor™ Ground Mechanic Headset w/PTT Hi-Viz Cups MT7H79F-68 GB, 1/Case
Ground Mech/Pushback	MT1H7F2-59	07318640048799	3M™ Peltor™ Tactical XP Headset Intrinsically Safe FM/CSA Over-the-Head MT1H7F2-59, 1/Case
Ground Mech/Pushback	MT1H7F2WS3	10093045934611	3M™ Peltor™ Tactical XP Headset Wireless Bluetooth Over-the-Head MT1H7F2WS3, 1/Case
Earmuffs	H10A HV	10093045981721	3M™ Peltor™ Optime™ 105 Over-the-Head Earmuffs Hi-Viz H10A HV, 10/Case
Earmuffs	H7A-PTL	10093045981691	3M™ Peltor™ PTL™ Over-the-head Earmuffs Push-To-Listen H7A-PTL 10/Case
PowerCom	MT53H7A4600 ::..	07318640051737	3M™ Peltor™ PowerCom™ Wireless 2way Radio Headset Over-the-Head MT53H7A4600, 1/Case
PowerCom	MT53H7A4610 *	07318640051720	3M™ Peltor™ PowerCom™ Plus Wireless 2way Radio Headset Over-the-Head MT53H7A4610, 1/Case
PowerCom	MT53H7A4620 ::	07318640044616	3M™ Peltor™ PowerCom™ Plus Intrinsically Safe Headset Over-the-Head MT53H7A4620, 1/Case
PowerCom	MT53H7A4720 ::	10093045930781	3M™ Peltor™ PowerCom™ Plus II UHF 2way Radio I.S. Headset Over-the-Head MT53H7A4720, 1/Case
PowerCom	MT53H7B4600 ::..	07318640041240	3M™ Peltor™ PowerCom™ Wireless 2way Radio Headset Behind-the-Head MT53H7B4600, 1/Case
PowerCom	MT53H7B4610 *	07318640041219	3M™ Peltor™ PowerCom™ Plus Wireless 2way Radio Headset Behind-the-Head MT53H7B4610, 1/Case
PowerCom	MT53H7B4620 ::	07318640044623	3M™ Peltor™ PowerCom™ Plus Intrinsically Safe Headset Behind-the-Head MT53H7B4620, 1/Case
PowerCom	MT53H7B4720 ::	10093045930798	3M™ Peltor™ PowerCom™ Plus II UHF 2way Radio I.S. Headset Behind Head MT53H7B4720, 1/Case
PowerCom	MT53H7P3E4600 ::..	07318640041257	3M™ Peltor™ PowerCom™ Wireless 2way Radio Headset HardHat Mount MT53H7P3E4600, 1/Case
PowerCom	MT53H7P3E4610 *	07318640041226	3M™ Peltor™ PowerCom™ Plus Wireless 2way Radio Headset HardHat Mount MT53H7P3E4610, 1/Case
PowerCom	MT53H7P3E4620 ::	07318640051713	3M™ Peltor™ PowerCom™ Plus Intrinsically Safe Headset HardHat Mount MT53H7P3E4620, 1/Case
PowerCom	MT53H7P3E4720 ::	10093045930804	3M™ Peltor™ PowerCom™ Plus II UHF 2way Radio I.S. Headset HH Mount MT53H7P3E4720, 1/Case
Accessory	FP9007-US	10093045978585	3M™ Peltor™ Aviation Headset Carrying Bag FP9007-US 1 EA/Case
Accessory	HY10	10093045081049	3M™ Peltor™ Earmuff Replacement Hygiene Kit H10 Cups HY10, 20 KT/Case
Accessory	HY100A	10093045981387	3M™ Peltor™ Ear Seal Comfort Pad HY100A 100 PR/Case
Accessory	HY7	10093045087706	3M™ Peltor™ Earmuff Hygiene Kit H7 Cups HY7, 20 KT/Case
Accessory	HY79	07318640051706	3M™ Peltor™ Earmuff Hygiene Kit H79 Cups HY79, 1 KT/Case
Accessory	HY80	07318640011779	3M™ Peltor™ Camelback Gel Sealing Rings HY80 1 PR/Case
Accessory	M40/1	07318640011700	3M™ Peltor™ Windscreen for Boom Microphone M40/1, 1/Case
Accessory	M41/2	07318640011717	3M™ Peltor™ Cup Mic Windscreen for Surround M41/2, 1 PR/Case
Accessory	M57	00093045978779	3M™ Peltor™ Windsock for MT22/MT24 Microphones M57, 1/Case
Accessory	M60/2	07318640002708	3M™ Peltor™ Cup Microphone Foam Windscreen M60/2, 1 PR/Case
Accessory	M62	10093045933560	3M™ Peltor™ Outside Plastic Microphone Protector M62, 1/Case
Accessory	M995	10093045978783	3M™ Peltor™ Boom microphone windscreen M995 1 EA/Case
Accessory	MT53-02	10093045982254	3M™ Peltor™ Metal Boom Microphone assembly electret MT53-02, 1/Case
Accessory	MT90	10093045979216	3M™ Peltor™ Throat microphone MT90 1/Case
Accessory	MT90-01	10093045929341	3M™ Peltor™ Throat microphone MT90-01 1/Case

\*Tested in 3M's NVLAP accredited laboratory

\*\*Factory Mutual Approval: Intrinsically safe for use in Class I, II and III, Division 1, applicable Groups C, D, E, F and G, Temperature Class T4, Ta=55°C Hazardous (Classified) Locations in accordance with User Manual FP3581

\*\*\* Factory Mutual approval: Intrinsically safe for use in Class I, Division 1, Groups A, B, C and D; Temperature Class T4, Ta=60°C Hazardous (Classified) Locations in accordance with User Manual FP3609

\*\*\*\* Factory Mutual Approval: Intrinsically safe for use in Class I, Groups C and D; Class II, Groups E, F and G; Class III:

Intrinsically safe per User Manual FP3618 when powered by two "Phillips" R6 1.5 Volt AA carbon-zinc batteries, "Duracell" LR6 1.5 Volt AA No. MN1500 alkaline batteries or "Duracell Procell" LR6 1.5 AA No. PC1500 alkaline batteries. Temperature Code T3C (160°C), Tamb=-20°C≤Ta≤+55°C.

\*\*\*\*\*Research suggests that many users will receive less noise reduction than indicated by the NRR due to variation in earplug fit. OSHA recommends that the NRR be reduced by 50% when comparing relative effectiveness of hearing protection devices and engineering noise controls.

\*\*\*\*\* Only 8 pre-programmed channels – Rechargeable battery pack not included.

## ⚠ 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 proper use, see supervisor, User Instructions, or call 3M in U.S.A. at 1-800-665-2942. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing ear plugs. Failure to do so may result in hearing loss or injury.

3M Occupational Health and Environmental Safety Division  
3M Center, Building 235-2W-70  
St. Paul, MN 55144-1000  
USA

Technical Assistance: 1-800-665-2942  
www.3M.com/OccSafety  
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Printed in U.S.A. Bolger 10070640  
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