

## 3M MT73H7P3E4D10

# 3M PELTOR WS LiteCom PRO III Headset User Manual

Model: MT73H7P3E4D10 (06714)

## PRODUCT OVERVIEW

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The 3M PELTOR WS LiteCom PRO III Headset is designed for professional use, offering robust two-way communication and hearing protection in noisy environments. It integrates analog and digital radio capabilities for clear, hands-free communication, and features Bluetooth multipoint functionality for connecting to multiple mobile devices. The headset ensures users remain protected and aware of their surroundings through level-dependent functionality, allowing face-to-face communication without removing the hearing protection. Built with professional-grade durability, it provides all-day wearability.



Figure 1: Front view of the 3M PELTOR WS LiteCom PRO III Headset, Hard Hat Attached style.

## KEY FEATURES

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- **Voice Operated Transmission (VOX):** Enables hands-free operation in high-noise environments.
- **Built-in Programmable Analog and Digital Two-Way Communication Radio:** Allows headset-to-headset communication and integration with existing professional radio systems, supporting up to 70 programmable radio channels.
- **Noise-Canceling, Water and Dust Proof Speech Microphone (IP67):** Ensures clear communication in demanding and noisy conditions.
- **Hearing Protection:** Noise-attenuating ear cups provide protection against potentially hazardous noise levels.
- **Comfort Options:** Available in headband, neckband, and hard hat attached configurations to suit various needs.
- **Industrial/Occupational Use:** Designed exclusively for industrial and occupational applications.

# 3M™ PELTOR™ WS™ LiteCom PRO III

## Headset



Bluetooth®  
Technology



Environmental  
Listening



External  
Audio Input



Two-way  
Radio



NRR 25 dB\*

\*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 for guidance on how to adjust attenuation label values. It is recommended that the NRR be reduced by 50% to better estimate typical protection.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by 3M is under license.

Figure 2: Key features of the headset including Bluetooth connectivity, environmental listening, external audio input, two-way radio, and NRR 25 dB noise reduction rating.

## SETUP AND INITIAL USE

Before using your 3M PELTOR WS LiteCom PRO III Headset, ensure it is properly charged and configured for your specific work environment.

### Battery Charging

The headset is equipped with a rechargeable Lithium Ion battery. A full charge provides approximately 11 hours of continuous use. Connect the provided charging cable to the headset's charging port and to a suitable power source. The charging indicator will show the charging status.



**Rechargeable battery provides approximately 11 hours of continued use**

Figure 3: The headset's rechargeable battery provides approximately 11 hours of continued use.

### **Fitting the Headset**

For hard hat attached models, ensure the headset is securely mounted to your hard hat according to the hard hat manufacturer's instructions. Adjust the ear cups to ensure a snug fit over your ears, providing optimal hearing protection and comfort. The boom microphone should be positioned approximately 1-2 cm from your mouth for clear voice transmission.

### **OPERATING INSTRUCTIONS**

The headset features user-friendly controls and a voice-guided menu for easy operation.



## User-friendly controls with voice-guided menu

Figure 4: User-friendly controls with voice-guided menu for intuitive operation.

### Power On/Off

Press and hold the power button located on the left ear cup to turn the headset on or off. A voice prompt will confirm the status.

### Radio Communication

Utilize the built-in two-way radio for communication. Channels can be programmed and selected via the headset's menu. The Voice Operated Transmission (VOX) feature allows for hands-free communication, activating the microphone when you speak. Adjust VOX sensitivity as needed through the menu.



## Voice-operated transmission (VOX) for hands-free operation

Figure 5: The voice-operated transmission (VOX) feature enables hands-free communication.

### Bluetooth Connectivity

The headset supports Bluetooth multipoint functionality, allowing connection to two mobile devices simultaneously. Refer to the voice-guided menu for pairing instructions. This enables calls and audio streaming while maintaining communication and hearing protection.

### Level-Dependent Functionality

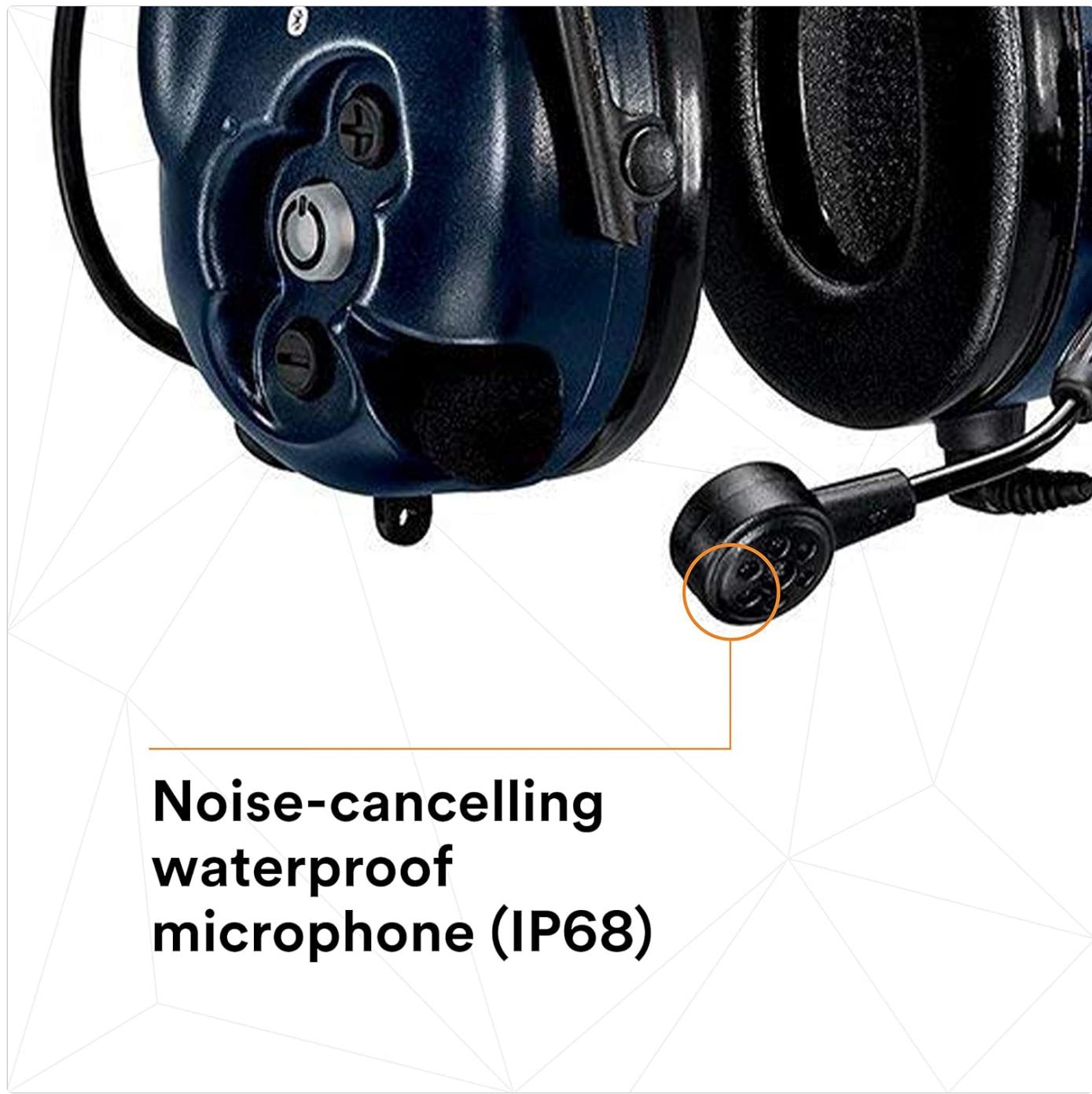
This feature allows you to hear ambient sounds, such as conversations and warning signals, while still being protected from harmful noise. Adjust the level-dependent volume through the headset controls to suit your environment.

## MAINTENANCE AND CARE

Proper maintenance ensures the longevity and optimal performance of your headset.

### Cleaning

Wipe the headset surfaces with a damp cloth. Do not immerse the headset in water. The microphone is water and dust proof (IP67 rated), but general cleaning should be gentle.



## Noise-cancelling waterproof microphone (IP68)

Figure 6: The noise-cancelling microphone is waterproof (IP67 rated) for durability in challenging environments.

### Storage

Store the headset in a clean, dry place away from extreme temperatures and direct sunlight when not in use.

### Ear Cushion Replacement

Regularly inspect ear cushions and foam inserts for wear and tear. Replace them as needed to maintain optimal hygiene, comfort, and hearing protection performance. Replacement kits are available from 3M.

### TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No power	Battery discharged	Charge the battery fully.
Poor radio communication	Incorrect channel, out of range, or interference	Verify channel settings. Move closer to other users. Check for sources of interference.
Bluetooth not connecting	Headset not in pairing mode, device too far, or previously paired device interference	Ensure headset is in pairing mode. Move device closer. Disconnect from other Bluetooth devices.
Muffled audio	Microphone position, ear cushions worn, or debris	Adjust microphone position. Inspect and replace ear cushions if necessary. Clean headset.

## SPECIFICATIONS

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**Model Number:** 06714 (MT73H7P3E4D10)

**ASIN:** B076FX3SRK

**Manufacturer:** 3M

**Battery Type:** 1 Lithium Ion battery (included)

**Battery Life:** Approximately 11 hours of continued use

**Microphone Rating:** IP67 (Water and Dust Proof)

**Package Dimensions:** 9.3 x 8.4 x 6.2 inches

**Item Weight:** 1.1 Pounds

**First Available Date:** October 14, 2017

**Department:** Unisex-adult

## IMPORTANT SAFETY INFORMATION

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3M industrial and occupational products are intended, labeled, and packaged for sale to trained industrial and occupational customers for workplace use. These products are not intended, labeled, or packaged for sale to or use by consumers (e.g., for home, personal, primary or secondary school, recreational/sporting, or other uses not described in the applicable product packaging or literature). Users must select and use these products in compliance with applicable health and safety regulations and standards (e.g., U.S. OSHA, ANSI), as well as all product literature, user instructions, warnings, and other limitations. The user must take any action required under any recall, field action, or other product use notice. Misuse of 3M industrial and occupational products may result in injury, sickness, death, or property damage. For assistance with product selection and use, consult your on-site safety professional, industrial hygienist, or other subject matter expert. For additional product information, visit [www.3M.com](http://www.3M.com).

## SUPPORT AND CONTACT

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For technical support, warranty information, or further inquiries regarding your 3M PELTOR WS LiteCom PRO III Headset, please visit the official 3M website or contact 3M customer service.

**Manufacturer:** 3M

**Website:** [www.3M.com](http://www.3M.com)

**3M Store on Amazon:** [Visit the 3M Store](http://Visit the 3M Store)

