



PELTOR™



3M™ PELTOR™ WS™ LiteCom Pro III Headset

Stay protected and connected.

The analog and digital two-way radio enables clear, hands-free communication in high levels of noise and integrates seamlessly into your existing two-way radio system. And with Bluetooth® multipoint functionality, workers can be wirelessly connected to two mobile devices. Plus, workers stay protected, aware and able to communicate face-to-face while never removing their hearing protection through level dependent functionality. And all of this technology is combined with the professional-grade durability and all day wearability you've grown to expect from PELTOR™.



3M™ PELTOR™ WS™ LiteCom Pro III Headset



Hearing protection with built-in two-way radio.



Hearing protection for communicating with external communication devices.



Hearing protection with level-dependent function for ambient listening.



Built-in Bluetooth® Technology



3M Science. Applied to life.™

Smart Solutions, Easy Communication

3M™ PELTOR™ WS™ LiteCom Pro III Headset is a hearing protector with built-in analog and digital programmable two-way communication radio, level-dependent hearing protection, Bluetooth® functionality and a jack to connect external devices.

Built-in programmable analog and digital two-way communication radio

Headset-to-headset communication with ability to be integrated with similar professional radio communication systems. Up to 70 programmable radio channels.

Keep headset in proper working order with replacement cushions and foam liners (hygiene kit available separately).

Bluetooth® Connectivity

Simultaneous, seamless connection to multiple external devices using Bluetooth® technology.

User-friendly controls with voice guided menu.

External Connection Jack

Ability to connect to a smart phone, radio, shoulder mic, or other external devices.

Noise-cancelling, Waterproof Speech Microphone

Helps provide clear communication in noisy and demanding environments.

Comfort Options

Headset is available in headband, neckband and hard hat attached configurations.

Stainless Steel Wire Headband

Offers comfortable and consistent pressure.

Hearing Protection

Noise attenuating ear cups help provide hearing protection in environments with potentially hazardous noise.

Batteries

Provides approximately 11 hours of continued use. Headset powers off after 2 hours of non-use to conserve batteries. Audio alert when battery is low.

Level-dependent Microphones

Environmental microphones for level-dependent hearing protection and ambient listening.

Full one-year product warranty

Voice Operated Transmission

Voice operated transmission (VOX) for hands-free operation in high noise environments.



Key Features

- ▶ Built-in programmable two-way communication radio allows hands-free headset-to-headset communication without cumbersome cables or cords.
- ▶ The headset can be programmed to use up to 70 unique two-way radio channels using analog and/or DMR digital modulation.
- ▶ Easily integrates into similar professional radio communication systems.
- ▶ Designed by 3M PELTOR and built tough for the working professional.



Headset Models

| Product Number | UPC # | Description | 3M ID # |
|-----------------|------------|------------------------------------------------|-------------|
| MT73H7A4D10NA | 7100099790 | WS™ LiteCom Pro III Headset, Headband | UU008027581 |
| MT73H7P3E4D10NA | 7100099586 | WS™ LiteCom Pro III Headset, Hard Hat-Attached | UU008027839 |
| MT73H7B4D10NA | 7100099581 | WS™ LiteCom Pro III Headset, Neckband | UU008027607 |



MT73H7A4D10NA



MT73H7P3E4D10NA



MT73H7B4D10NA

Parts & Accessories

| Product Number | UPC # | Description | 3M ID # |
|----------------|------------|-------------------------------------------------------------------------|-------------|
| MT90-02 | 7000040037 | Throat microphone for WS™ LiteCom Pro III Headset | XL001644068 |
| ACK081 | 7100075380 | Rechargeable Li-Ion battery pack (only for WS™ LiteCom Pro III, Non IS) | XH001680541 |
| AL2AI | 1100001933 | Charge cable for ACK081 | 11003074017 |
| FR08 | 7000108521 | Power Supply for AL2AI | XH001680194 |
| FL5602 | 7000107893 | External PTT for WS™ LiteCom Pro III Headset Non IS only | XH001654561 |
| M60/2 | 7000039650 | Wind shield for surround mic | XH001652532 |
| HY83 | 7100113946 | Hygiene kit | UU008197921 |
| HYM1000 | 7100064281 | Hygiene tape for boom mic | XH001651328 |
| M171/2 | 7100112112 | Wind protector for mic, 2 pcs | UU008159483 |



MT90-02



ACK081



AL2AI



FR08



M171/2



HYM1000



M60/2



HY83

Technical data specifications

Technical data specifications

| Model | Weight (with ACK081) |
|-------------------|----------------------|
| Headband: | 490g |
| Hard Hat-Attached | 512 g |
| Neckband: | 475 g |

Built-in Two-way Radio

| | |
|------------------------|-----------------------------------------------------------------------|
| Frequency range: | 403 – 470 MHz |
| Operation mode: | Simplex |
| Channels: | 70 programmable channels |
| Channel raster: | 3.125 kHz |
| Channel separation: | 12.5 kHz and 25 kHz |
| Modulation: | Analog: 2.5 kHz (FM) and 5 kHz (FM) Digital: 2.5 kHz (4-level FSK) |
| Microphone type: | Dynamic, noise-cancelling (MT73) |
| Receiver sensitivity: | Typical -120 dBm |
| Selective squelch: | Programmable (supports CTCSS and DCS) |
| Output power: | 200 / 20 / 10 mW ER |
| Range: | Outdoors up to 1.25 miles depending on conditions |
| Operating temperature: | -4°F (-20°C) to +122°F (+50°C) |

Power

| | |
|-----------------|------------------------------|
| Li-Ion battery: | ACK081, included in delivery |
| Charging time: | Approx. 4 hours |
| Capacity: | 3.7 V, 1800 mA, 6.7 Wh |
| Operating time: | 11 hours |

Storage

| | |
|---------------------------------|----------------------------------------------------|
| Recommended storage conditions: | -4° F - 131° F (-20° C - +55° C), <90% humidity |
| Recommended max. shelf life: | Headset: 3 years Battery: 1 year |

Use limitation: Never modify or alter this product

Laboratory Attenuation (ANSI S3.19-1974)

| MT73H7A4D10NA | | | | | | | | | | | ANSI S3.19-1974 | |
|-------------------------|------|------|------|------|------|------|------|------|------|------|-----------------|--|
| Test Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | NRR* | CSA Class | |
| Mean Attenuation (dB) | 21.7 | 25.3 | 35.2 | 37.9 | 36.9 | 40.1 | 40.2 | 38.6 | 39.4 | 28 | AL | |
| Standard Deviation (dB) | 3.0 | 2.4 | 2.6 | 2.8 | 3.1 | 3.2 | 3.1 | 2.3 | 2.4 | | | |

| MT73H7B4D10NA | | | | | | | | | | | ANSI S3.19-1974 | |
|-------------------------|------|------|------|------|------|------|------|------|------|------|-----------------|--|
| Test Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | NRR* | CSA Class | |
| Mean Attenuation (dB) | 20.9 | 23.6 | 33.8 | 37.3 | 36.8 | 39.4 | 39.0 | 37.7 | 38.9 | 28 | AL | |
| Standard Deviation (dB) | 3.1 | 2.0 | 2.2 | 2.4 | 2.7 | 3.1 | 2.4 | 1.8 | 2.9 | | | |

| MT73H7P3E4D10NA | | | | | | | | | | | ANSI S3.19-1974 | |
|-------------------------|------|------|------|------|------|------|------|------|------|------|-----------------|--|
| Test Frequency (Hz) | 125 | 250 | 500 | 1000 | 2000 | 3150 | 4000 | 6300 | 8000 | NRR* | CSA Class | |
| Mean Attenuation (dB) | 19.0 | 21.9 | 30.4 | 35.9 | 36.1 | 37.3 | 37.2 | 34.7 | 34.8 | 25 | A | |
| Standard Deviation (dB) | 2.1 | 2.4 | 3.1 | 3.5 | 3.0 | 3.5 | 3.3 | 3.2 | 3.3 | | | |

* WARNING! 3M™ strongly recommends individual fit testing of hearing protectors. If the NRR is used to estimate typical workplace protection, 3M recommends that the noise reduction value be reduced by 50% or in accordance with applicable regulations.



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3M Personal Safety Division products are for occupational use only.

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.

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