Stay protected and connected.

The analog and digital two-way radio enables clear, hands-free communication in high levels of noise and can integrate seamlessly into your existing two-way radio system. With Bluetooth® wireless technology multipoint functionality, workers can be wirelessly connected to two mobile devices. Plus, workers stay protected, aware and able to communicate face-to-face without 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™ Brand.

Member of:

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™ 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® technology; 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.

- **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.

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

- **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.

- **Noise-cancelling, waterproof speech microphone**
  Helps provide clear communication in noisy and demanding environments.

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

- **External connection jack**
  Ability to connect to a smartphone, radio, shoulder mic, or other external devices.

- **User-friendly controls**
  with voice-guided menu.

- **Comfort options**
  Headset is available in headband, neckband and hard hat-attached configurations.

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

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### Headset Models

<table>
<thead>
<tr>
<th>Product Number</th>
<th>3M ID</th>
<th>Description</th>
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<tbody>
<tr>
<td>MT73H7A4D10NA</td>
<td>7100099790</td>
<td>WS LiteCom Pro III Headset, Headband (NRR 28 dB, CSA Class AL)</td>
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<tr>
<td>MT73H7P3E4D10NA</td>
<td>7100099586</td>
<td>WS LiteCom Pro III Headset, Hard Hat-Attached (NRR is 25 dB/CSA Class A)</td>
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<td>MT73H7B4D10NA</td>
<td>7100099581</td>
<td>WS LiteCom Pro III Headset, Neckband (NRR is 28 dB/CSA Class AL)</td>
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### Parts & Accessories

<table>
<thead>
<tr>
<th>Product Number</th>
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<th>Description</th>
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<tbody>
<tr>
<td>MT90-02</td>
<td>7000040037</td>
<td>Throat microphone for WS LiteCom Pro III Headset</td>
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<tr>
<td>ACK081</td>
<td>7100075380</td>
<td>Rechargeable Li-Ion battery pack (only for WS LiteCom Pro III, Non IS)</td>
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<tr>
<td>AL2AI</td>
<td>1100007333</td>
<td>Charge cable for ACK081</td>
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<tr>
<td>FR08</td>
<td>7000108521</td>
<td>Power supply for AL2AI</td>
</tr>
<tr>
<td>FL5602</td>
<td>7000107893</td>
<td>External PTT for WS LiteCom Pro III Headset non-intrinsically safe only</td>
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<tr>
<td>M60/2</td>
<td>7000039650</td>
<td>Windsheild for surround mic, 2 pcs</td>
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<tr>
<td>HY83</td>
<td>7100013946</td>
<td>Hygiene kit</td>
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<td>HYM1000</td>
<td>7100064281</td>
<td>Hygiene tape for boom mic</td>
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<td>M171/2</td>
<td>7100112112</td>
<td>Wind protector for mic, 2 pcs</td>
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<tr>
<td>MT73/1</td>
<td>7100112094</td>
<td>Boom mic dynamic, waterproof, w/wind protector</td>
</tr>
</tbody>
</table>
Technical data specifications

Technical data specifications

Model | Weight (with ACK081)
--- | ---
Headband: | 490 g
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)
DMR Standard: Tier I and Tier II
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 2 km (1.25 miles) depending on conditions
Operating temperature: -20°C (-4°F) to +50°C (+122°F)

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: -20°C to +55°C (-4°F - 131°F) <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)

<table>
<thead>
<tr>
<th>Model</th>
<th>ANSI S3.19-1974</th>
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<tbody>
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<td>ANSI S3.19-1974</td>
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<td>Mean Attenuation (dB)</td>
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<tr>
<td>Standard Deviation (dB)</td>
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<td>MT73H7B4D10NA</td>
<td>ANSI S3.19-1974</td>
</tr>
<tr>
<td>Test Frequency (Hz)</td>
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<td>Mean Attenuation (dB)</td>
<td>20.9</td>
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<tr>
<td>Standard Deviation (dB)</td>
<td>3.1</td>
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<tr>
<td>MT73H7P3E4D10NA</td>
<td>ANSI S3.19-1974</td>
</tr>
<tr>
<td>Test Frequency (Hz)</td>
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</tr>
<tr>
<td>Mean Attenuation (dB)</td>
<td>19.0</td>
</tr>
<tr>
<td>Standard Deviation (dB)</td>
<td>2.1</td>
</tr>
</tbody>
</table>

* 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.

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 instructions. For complete warranty conditions, contact your dealer or local 3M office.

WARNING

CAUTION! When worn according to the User Instructions, this hearing protector helps reduce exposure to both continuous noises, such as industrial noises and noises from vehicles and aircraft, and 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. 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, your hearing may be at risk. To learn more about hearing protection for impulse noise, visit www.3M.ca/Hearing.

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. Misuse or failure to wear hearing protectors at all times when exposed to hazardous noise may result in hearing loss or injury. These products contain metallic components that may increase electrical hazards. For proper use, see supervisor, Fitting Instructions, or call 3M Technical Support (In Canada call 1-855-484-3093)

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