



**PELTOR™**  
Protection & Communication



## 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 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.

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

Member of:



# 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® 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.

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 smartphone, 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.

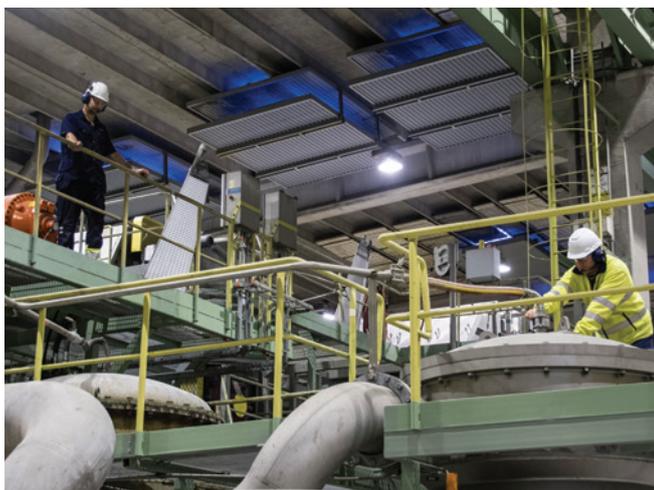
## Level-dependent microphones

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

## Full one-year product warranty

## Voice operated transmission (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 digital mobile radio (DMR) digital modulation.
- ▶ Easily integrates into similar professional radio communication systems.
- ▶ Designed by 3M™ Peltor™ Brand and built tough for the working professional.



## Headset Models

Product Number	3M ID	Description
MT73H7A4D10NA	7100099790	WS LiteCom Pro III Headset, Headband (NRR 28 dB, CSA Class AL)
MT73H7P3E4D10NA	7100099586	WS LiteCom Pro III Headset, Hard Hat-Attached (NRR is 25 dB/CSA Class A)
MT73H7B4D10NA	7100099581	WS LiteCom Pro III Headset, Neckband (NRR is 28 dB/CSA Class AL)



MT73H7A4D10NA



MT73H7P3E4D10NA



MT73H7B4D10NA

## Parts & Accessories

Product Number	3M ID	Description
MT90-02	7000040037	Throat microphone for WS LiteCom Pro III Headset
ACK081	7100075380	Rechargeable Li-Ion battery pack (only for WS LiteCom Pro III, Non IS)
AL2AI	1100001933	Charge cable for ACK081
FR08	7000108521	Power supply for AL2AI
FL5602	7000107893	External PTT for WS LiteCom Pro III Headset non-intrinsically safe only
M60/2	7000039650	Windshield for surround mic, 2 pcs
HY83	7100113946	Hygiene kit
HYM1000	7100064281	Hygiene tape for boom mic
M171/2	7100112112	Wind protector for mic, 2 pcs
MT73/1	7100112094	Boom mic dynamic, waterproof, w/wind protector



MT90-02



ACK081



AL2AI



FR08



M171/2



HYM1000



M60/2



HY83



MT73/1

# 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)

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.

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](http://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 contains 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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