



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.

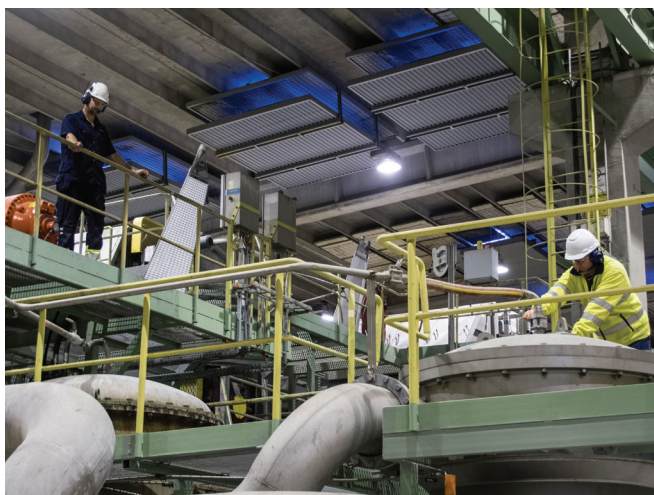
Level-dependent Microphones

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.

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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