



## Headset

### LiteCom PRO III Ex Neckband 403-470 MHz

- Programmable analog/digital DMR two-way radio communication
- Bluetooth® multipoint functionality
- Water tight microphone (IP68)
- Environmental listening with level-dependent hearing protection
- Voice menu with multiple language selection
- Push-to-Listen function
- Rechargeable Li-Ion battery and battery status indication
- Voice operated transmission (VOX)
- Busy channel indication
- Auto power off function
- ATEX and IECEx approvals

3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset, 403-470 MHz, Analog/Digital, Ex, EU version, Neckband



## Function

The 3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset is the next generation protective communication solution. With an integrated, programmable analog/digital two-way radio, Bluetooth® Multipoint connectivity, noise-cancelling speech microphone, and level-dependent function for ambient listening, the 3M™ WS™ LiteCom Pro III Ex Headset not only helps protect you against potentially hazardous noise, but also makes it easy to communicate in noisy environments and helps you maintain situational awareness.

## Technical Data

### General specifications

Description Behind-The-Neck

### Hardware

Microphone Dynamic (MT73)

Two-way radio

Frequency range 403 ... 470 MHz

Operating mode Simplex

Channels 70 programmable channels

Channel grid 12,5 kHz and 25 kHz

Modulation Analog: 2,5 kHz (FM) and 5 kHz (FM)  
Digital: 2,5 kHz (4-level FSK)

Sensitivity (Receiver) Typical -120 dBm

Selective squelch Programmable (supports CTCSS and DCS)

Power Output 200 / 20 / 10 mW ER

Detection range Outdoors up to 2 km depending on conditions

### Electrical specifications

Battery type Li-ion 3.7 V , 1350 mAh , 5 Wh

Charging time approx. 12 h

Operating duration 8 h \* (90 stby / 5 tx / 5 rx)  
\* can be increased up to 12 hours with the power save feature

### Ambient conditions

Operating temperature -20 ... 50 °C (-4 ... 122 °F)

Storage temperature -20 ... 55 °C (-4 ... 131 °F)  
< 90 % Humidity












### Mechanical specifications

Mass 475 g

## Technical Data

Data for application in connection with hazardous areas	
ATEX approval	
ATEX certificate	Presafe 16ATEX8960X
ATEX marking	I M1 Ex ia I Ma -20°C ≤ Ta: ≤ +50°C II 1G Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C Ga II 1D Ex ia IIIC T130°C Da -20°C ≤ Ta ≤ +50°C
International approvals	
IECEx approval	
IECEx certificate	Presafe 16.0086X
IECEx marking	Ex ia I Ma -20°C ≤ Ta: ≤ +50°C Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C Ex ia IIIC T130°C Da -20°C ≤ Ta ≤ +50°C
General information	
Scope of delivery	3M™ PELTOR™ WS™ LiteCom Pro III Ex headset. Battery ACK082 Power supply FR08 Cable AL2AH (for ACK082) Hygiene kit HY83 Documentation

## Accessories

	<b>MT73/1</b>	Boom arm microphone with dynamic microphone capsule, waterproof for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>ACK082</b>	Rechargeable lithium-ion battery for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>AL2AH</b>	Battery charging cable for ACK081 battery pack
	<b>FL5602-50</b>	External PTT for WS™ LiteCom Pro III Ex Headset, ATEX
	<b>FR08</b>	Power plug with USB charging port for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>HY83</b>	Ear cushions for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>HY100A</b>	Sweat absorber for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>HYM1000</b>	Microphone protection band for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>M40/1</b>	Windscreen for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>M60/2</b>	Windscreen for 3M™ PELTOR™ LiteCom Pro III Ex headset
	<b>M171/2</b>	Windscreen for 3M™ PELTOR™ LiteCom Pro III Ex headset