



PELTOR™
Protection & Communication

3M™ PELTOR™

Oil & Gas Communication Solutions



3M Science. Applied to life.™



Take your safety personally

3M™ PELTOR™ Communication Equipment for noisy and hazardous environments are renowned world leaders. With more than 70 years of experience, the PELTOR™ brand promises quality communication solutions that provide a balance of comfort and protection.

It is our goal is to ensure that we satisfy your needs through the provision of exceptional leadership, expertise, quality and service excellence. With our global technology, manufacturing, and knowledge network, we do more than simply develop products that help your workforce to operate in safety and comfort.

The advanced engineering and technology inherent with the PELTOR™ brand fits with the high standard of quality and innovation of a continuously evolving range of product solutions that you, our customers, come to expect from 3M.

To top it off, the PELTOR™ Brand offers a line of products that are ATEX and IECEx approved for use in potentially explosive environments. ATEX and IECEx ensure the 3M™ PELTOR™ Headsets and Accessories are designed and manufactured to most stringent requirements, giving you the piece of mind to focus on the job at hand.

3M™ PELTOR™

Blue-Line

3M™ PELTOR™ Blue-Line is a series of intrinsically safe products designed for extreme environments. Developed in close collaboration with demanding users, these products have undergone rigorous testing in harsh environments.

The 3M™ PELTOR™ Blue-Line series are approved according to the ATEX directive and the IECEx scheme and are also in compliance with the applicable hearing standards from the EN 352 range.



Smart Solutions, Easy Communication

3M™ PELTOR™ WS™ LiteCom Pro III Ex Headset is a hearing protector with built-in analog and digital programmable two-way communication radio, a level-dependent function and Bluetooth® Multipoint connectivity. It is approved for use in potentially explosive atmospheres according to ATEX directive and IECEx scheme.



3M™ PELTOR™ WS™ LiteCom Pro III Ex

Programmable Wireless Communication Headset

Easy To Use

- Noise attenuating headset helps provide hearing protection in environments with potentially hazardous noise.
- Voice Operated Transmission (VOX) facilitates hands-free operation.
- Five conveniently positioned function keys and voice guided menus (with multiple language selection) to handle all modes and settings.

Bluetooth® Technology

- Multipoint, for simultaneous, seamless connection to external devices using Bluetooth® technology.

Built-in programmable two-way communication radio

- Headset-to-headset communication and can be integrated with similar professional radio communication systems.
- DMR compatible.
- 70 programmable radio channels in the 403–470 MHz frequency.
- Analog radio selective squelch function with CTCSS tones or DCS codes and DMR radio functionality, allows multiple users to work on the same channel without listening to each other's communication.

Long range, Low power

- Range with maximum output power is up to 2 km outdoors depending on actual conditions.

Intrinsically Safe

- Approved for use in potentially explosive atmospheres in accordance with the ATEX directive and the IECEx scheme for both gas, dust and underground mining.

Situational awareness with level-dependent function

- In low noise, ambient microphones can increase your ability to communicate with nearby colleagues, as well as hear warning signals, approaching vehicles and other machine sounds or processes when needed.



I M1 Ex ia I Ma
 II 1G Ex ia IIC T4 Ga
 II 2D Ex ib IIIC T₂₀₀ 130°C Db



Article number	Description	SNR	3M ID	SAP ID
MT73H7F4D10EU-50	WS™ LiteCom Pro III Ex Headset, headband	33	UU008014225	7100098897
MT73H7P3E4D10EU-50	WS™ LiteCom Pro III Ex Headset, helmet att.	32	UU008014233	7100098836
MT73H7B4D10EU-50	WS™ LiteCom Pro III Ex Headset, neckband	32	UU008014217	7100098898

3M™ PELTOR™ CH-3 Listen Only Hearing Protector

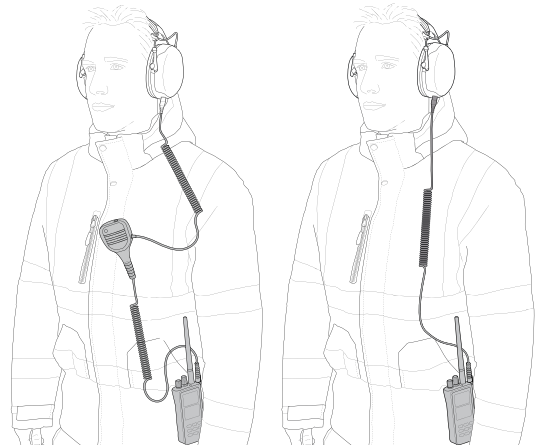
CH-3 FLX2 Listen Only Hearing Protector is the solution when you need to be in touch with your peers and aware of all communication throughout the work shift. Your need to respond is minimal or in less noisy environments where a lapel microphone is sufficient.






HT52A-112-50



HT52P3E-112-50



-  I 1M Ex ia I Ma
-  II 1G Ex ia IIC T4 Ga
-  II 1D Ex ia IIIC T₂₀₀ 135°C Da

Hearing Protector Models

Article number	Description	SNR	3M ID	SAP ID
HT52A-112-50	CH-3 FLX2 Listen Only Headband EX Approved	30	UU010250916	7100203639
HT52P3E-112-50	CH-3 FLX2 Listen Only helmet attachment EX Approved	29	UU010250924	7100203297

FLX2 cables

Product code	Description	3M ID	SAP ID
FLX2-203-50	Cable 2,5mm Mono, Ex approved	UU009731157	7100185762
FLX2-205-50	Cable 3,5mm Mono, Ex approved	UU009731165	7100185800

3M™ PELTOR™ Twin Cup Headset

- High-attenuating twin cups with optimised acoustic design.
- Microphone with effective noise-cancelling for clear and reliable communication
- Quick Positioning integrated microphone boom for easy handling
- J11 (TP-120) connector to fit 3M PELTOR adapters

-  II 2G Ex ib IIC T4 Gb



MT72H540A-50

MT72H540P3E-50

Article number	Description	SNR	3M ID	SAP ID
MT72H540A-50	Headset Twin Cup headband EX Approved	32	UU011743018	7100271680
MT72H540P3E-50	Headset Twin Cup helmet attachment EX Approved	32	XH001674254	7000108283

3M™ PELTOR™ FL4000 Series Adapters

Product Description

The 3M™ PELTOR™ FL4000 Series Push-to-Talk (PTT) adapters connects and provides push-to-talk functionality between 3M™ PELTOR™ Communications Headsets and selected 2-way communication radios. The FL4000 Series PTT adapters are small in size, certified to be used in a potentially explosive atmospheres (ATEX & IECEx), and offer distinct ergonomic feedback when the Push-to-Talk button is pressed. The FL4000 PTT Adapter series features Automatic Radio Jack Detection that reroutes audio back to the radio when the headset is disconnected from the adapter¹.

¹: Supported on selected radios compatible with Jack Detection feature.

Key Features:

- ATEX / IECEx approved
- Small ergonomic design
- Automatic Radio Jack Detection
- IP65

Applications:

The 3M™ PELTOR™ FL4000 adapter is designed to be used with a 3M™ PELTOR headset and 2 way radios in industrial areas where intrinsic safety is required.



I M1 Ex ia I Ma



II 1G Ex ia IIC T4 Ga

Product Code	Description	3M ID	SAP ID
FL4030-50	Adapter Motorola GP320/340 Ex	XH001680806	7000147319
FL40107-50	Adapter Kenwood NX-230/330Ex	XH001680830	7000147322
FL4062-50-34 ²	Adapter Motorola MTP850, PMLN6728A		
FL4063-50-34 ²	Adapter Motorola MOTOTRBO, PMLN6803A		

²: Only sold via Motorola's distribution

Accessories and Hygiene kits

Product code	Description	3M ID	SAP ID
HY13	Hygiene kit, Twin Cup Headset. Easy-to-replace hygiene kit consisting of attenuating cushions and ear cushions	XH001659297	7000108013
HY83	Hygiene kit, LiteCom Headset. Easy-to-replace hygiene kit consisting of attenuating cushions and ear cushions	UU008197921	7100113964
HY84	Hygiene kit, CH-3 Headset. Easy-to-replace hygiene kit consisting of attenuating cushions and ear cushions	UU010391918	7100212095
HYM1000	Mic Protector. Water resistant and wind-tight. Effective protector that increases the life span of the speech microphone. Packages of 4,5 metres, approx. 50 replacements	XH001651328	7100064281
M40/1	Wind protector for speech microphone, Twin Cup Headset. Effective against wind noise. For dynamic microphone (MT7)	XH001652516	7000039648
M171/2	Wind protector for speech microphone, WS™ LiteCom Pro Headset. Effective against wind noise. For dynamic microphone (MT73)	UU008159483	7100112112
M42/1	Wind shield Maxi for speech microphone. Effective against wind noise. For dynamic microphone (MT7/MT73)	XH001659792	7000039687
M60/2	Wind protector for surround microphone	XH001652532	7000039650
MT90-02	Throat microphone ATEX-approved for WS™ LiteCom Pro III	XL001644068	7000040037
ACK082	Rechargeable Li-Ion battery pack 1350 mAh (only for WS™ LiteCom Pro III)	UU008176040	7100112102
AL2AH	USB charging cable for ACK082	11003072094	7100067410
FR08	5V USB power supply	XH001680194	7000108521
MT7V/1	Dynamic speech microphone including attachment for Versaflo M-300 series	UU008014308	7100099097



HYM1000



M42/1



M60/2



M40/1



M171/2



MT90-02



ACK082



AL2AH



FR08



MT7V/1



HY83



HY13



HY84



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3M Personal Safety Division products are occupational use only.

In Europe, 3M PELTOR products may also be appropriate for certain non-work uses.