



# Communications

Close up or far away the 3M™ PELTOR™ Communication Solutions for noisy environments make it possible for users of hearing protectors to communicate very effectively – with their immediate environment and with people further away.

## Communications

# The safe way to be heard, and get things done.

### Work never sounded this good.

There was a time when wearing hearing protectors meant being isolated and out of contact. Those days are over. Today, the 3M™ Peltor™ Brand of Products offers communication solutions that not only make your working day safer and more efficient, but also much smarter.

To be effective, a hearing protector should be used 100% of the time in noisy environments. Even taking it off for a short time dramatically reduces its effectiveness and greatly increases the risk of hearing damage. 3M™ Communication Solutions Products make it possible for your team to communicate more easily in high-noise areas.

Communication devices are key to both safety and productivity. Integrating a 3M Communication Solution in your work environment will help you communicate more clearly with co-workers while reducing your exposure to potential hazardous noise. Feel free to contact us to discuss a solution to meet your specific needs.

### Just what you want to hear.

Active control of incoming sounds from your surroundings lets you hear alarm signals and machines, while harmful levels of noise are filtered out by smart electronics.

### Music to your ears.

Communication with people around you involves using our level-dependent function for ambient listening systems. For longer distances, you have built-in two-way radios and Bluetooth® Connections to mobile phones. Meanwhile all communication options can also be combined with a sound system so you can listen to your favourite streamed music or pod radio, with first-class sound quality.





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# Function symbols.

To help you understand the functionality of the products, below is an explanation of the symbols you will find on the products.



Hearing protection with built-in AM/FM radio



Hearing protection for communicating with external two-way radio



Hearing protection with built in two-way radio



Hearing protection with level-dependent function for environmental listening limited to max 82 dB



Hearing protection with external audio input



Bluetooth® Connectivity

## Communications

# 3M™ Peltor™ WS™ Alert™ XPI Headset

Multipoint bluetooth headset with noise cancelling microphone and situational awareness.

The 3M™ PELTOR™ WS™ ALERT™ XPI Headset is the next generation protective communication solution. With Bluetooth® wireless communication, noise-cancelling boom microphone, integrated FM Radio and level-dependent function for ambient listening, the WS™ ALERT™ XPI Headset not only helps protect you against hazardous noise, but also makes it easy to make phone calls with both hands free in noisy environments.

### Features and Benefits:

- High attenuating hearing protector in two models: stand-alone headband or safety helmet attachment
- Bluetooth® MultiPoint Technology for connection to one or two external devices for hands-free talk and streaming Noise cancelling boom microphone for clear speech transmission in noisy environments
- Level-dependent function for ambient listening to help improve your situational awareness (limited to 82dB)
- Push-to-Listen feature to easily and instantaneously listen to your surroundings
- Built-in FM-Radio with radio volume limited to 82dB
- Voice guided menu system with announced FM-Radio frequencies
- Digital station search
- Ability to store up to 4 favourite stations
- Auto power off: The headset will turn off after 4 hrs of non-use to save battery
- Connectivity to Mobile App
  - Helps you to set up and navigate your headset via the 3M Connected Equipment Mobile App
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU010322954	MRX21A3WS6-AZ	3M Peltor WS Alert XPI APP, Headband Headset SLC80 30dB (Class 5)
UU010322962	MRX21AP3EWS6-AZ	3M Peltor WS Alert XPI, Helmet Attach Headset, APP, SLC80 29 dB (Class 5)
UU008567388	HY82	Replacement Hygiene Kit for WS Alert XPI

## Communications

### 3M™ PELTOR™ ProTac™ III Headset

The 3M™ PELTOR™ ProTac™ III hearing protector helps safeguard against harmful noise, whilst allowing ambient sounds to be heard at a level below 82dB. This attribute increases your situation awareness and ability to communicate with nearby colleagues, as well as hearing warning signals, approaching vehicles or sounds produced by machines and industrial processes.

- Built-in level-dependent function for situational awareness
- 3.5mm listen only input (two-way radio, mobile)
- Voice Guided Menu System
- Loud Impact Noise Suppression
- Auto Shut Off
- Standard Cup version and Slim cup version
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU004637771	MT13H220P3E	Slim Headset, black, helmet attachment, SLC80 24dB (Class 4)
UU004690614	MT13H221P3E	Headset, black, helmet attachment, SLC80 30dB (Class 5)
UU004637789	MT13H220A	Slim Headset, black, headband, SLC80 26dB (Class 5)
UU004690622	MT13H221A	Headset, black, headband, SLC80 32dB (Class 5)
UU008049353	HY220	Replacement Hygiene Kit for ProTac III Headsets

### 3M™ Peltor™ Worktunes Pro AM/FM Radio Headset

- Dual shell designed to protect the electronic circuitry inside the cup
- 3.5mm jack: A listen-only stereo input to connect to a mobile phone, two-way radio or other external devices (limited to 82dB)
- 2 x AA batteries: Lasting for approx.
- 100 hours of use
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU004690713	HRXS221A	3M™ Peltor™ Worktunes Pro AM/FM Radio Headset, black, headband SLC80 32dB (Class 5)
UU004690663	HRXS221P3E	3M™ Peltor™ Worktunes Pro AM/FM Radio Headset, black, helmet attachment SLC80 30dB (Class 5)
UU008049353	HY220	Replacement Hygiene Kit for Worktunes Pro Headset

### 3M™ PELTOR™ SportTac™ Hunting Folding Headband

- Electronic level dependent hearing protector designed for hunting and shooting.
- Approximately 600 hours operation time and uses the HY21 Hygiene Kit.



3M Order Code	Model #	Description
XH001650049	MT16H210F-478-GN	3M™ Peltor™ Folding Headband, Level Dependent, Green/Orange SLC80 24db (Class 4)
XH001650056	MT16H210F-478-RD	3M™ Peltor™ Folding Headband, Level Dependent, Red/Black SLC80 24db (Class 4)
XH001659305	HY21	Replacement Hygiene Kit for SportTac Headset

### 3M™ Peltor™ ProTac Hunter/Shooter Headset

- Dual shell designed to protect the electronic circuitry inside the cup
- 3.5mm jack: A listen-only stereo input to connect to a mobile phone, two-way radio or other external devices (limited to 82dB)
- 2 x AA batteries: Lasting for approx.
- 100 hours of use



3M Order Code	Model #	Description
UU004690648	MT13H222A	3M™ Peltor™ ProTac Hunter Headset, green, headband SLC80 26dB (Class 5)
UU004690630	MT13H223A	3M™ Peltor™ ProTac Shooter Headset, green, headband SLC80 32dB (Class 5)
UU008049353	HY220	Replacement Hygiene Kit for Hunter & Shooter Headsets



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### 3M™ PELTOR™ WS™ LiteCom Plus with Bluetooth®

3M™ PELTOR™ WS™ LiteCom Plus with Bluetooth® opens up a world of communication with your built-in two-way radio headset at the hub. You become a mobile, hands-free communication center, the built-in two-way radio and wireless connections to your computer and cell phone. You can take your calls, or stream music thanks to electronics that let you switch easily between functions.

The level-dependent technology lets you hear ambient sounds such as external alarm signals or approaching vehicles. It also allows face to face communication at close distance. Robust design (IP54 certified), clear controls and an intuitive menu system

- Built in two-way radio communication
- Range of up to 3km depending on conditions
- 69 channels (LPD 433 MHz)
- 121 subchannels
- Connect different devices (radio, mobile phone) via Bluetooth®Multi-Point
- IP54 certified
- Level dependent function for ambient listening
- Rechargeable lithium-ion battery with 20 hours operating time
- Noise cancelling waterproof microphone (IP68)
- Voice operated transmission (VOX)
- Auto power off function
- Battery status indication
- Voice guided menu system
- Connects with Bluetooth compatible devices
- Two-way radio (via flex cable or Bluetooth®)



3M Order Code	Model #	Description
UU010265963	MT73H7A4310WS6AZ	WS LiteCom Plus, 2-way LPD 433, headband SLC80 32dB (Class 5)
UU010265971	MT73H7B4310WS6AZ	WS LiteCom Plus, 2-way LPD 433, neckband SLC80 30dB (Class 5)
UU010264578	MT73H7P3E4310WS6AZ	WS LiteCom Plus, 2-way LPD 433, helmet attached SLC80 29dB (Class 5)
UU008197921	HY83	Replacement Hygiene Kit for WS LiteCom Plus Headsets

### 3M™ Peltor™ WS ProTac XPI Headset

The 3M Peltor™ WS Series ProTac XPI Headsets is an active-hearing protector that features Bluetooth® 4.2 Technology. This enables work with both hands free while taking calls via two-way radio or mobile phones. The ambient listening function lets users hear surrounding noise and converse with colleagues.

- Bluetooth 4.2 including MultiPoint.
- New FLX2 flex jack (for -111 headsets)
- New noise cancelling water resistant speech microphone. Improved speech intelligibility and IP68 rated for use in noisy and demanding environments.
- Support for Bluetooth A2DP, streaming (selectable in Set-up mode).
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU010123527	MT15H7AWS6	3M™ Peltor™ WS™ ProTac XPI Headset, headband SCL80 32dB (Class 5)
UU010123535	MT15H7P3EWS6	3M™ Peltor™ WS™ ProTac XPI Headset, helmet attachment SCL80 27dB (Class 5)
UU010123543	MT15H7AWS6-111	3M™ Peltor™ WS™ ProTac XPI FLX2 Headset, headband SCL80 32dB (Class 5)
UU010123568	MT15H7BWS6-111	3M™ Peltor™ WS™ ProTac XPI FLX2 Headset, neckband SCL80 29dB (Class 5)
UU010123550	MT15H7P3EWS6-111	3M™ Peltor™ WS™ ProTac XPI FLX2 Headset, helmet attachment SCL80 27dB (Class 5)
UU008197921	HY83	Replacement Hygiene Kit for WS ProTac XPI Headsets

### 3M™ Peltor™ Tactical XP

Peltor™ Tactical XP is an electronic level dependent hearing protector with high attenuation. Especially developed for noisy environments where you need to protect your hearing and on the same time be able to hear surrounding noise, like warning signals. Example of suitable areas of use; industry, construction and hunting & shooting segments.

- High attenuating hearing protector
- Level dependent function (talk through)
- Extra functions; equalizer, balance, release time, external volume
- Exclusive leather head pad
- Electronic voice guided system
- Warning signal when power is low
- Last settings stored when switched off
- 2 x AA batteries included
- Available in Neckband and Folding Headband Version



3M Order Code	Model #	Description
XH001650064	MT1H7F2	3M™ Peltor™ Tactical XP Folding Headband SLC80 28dB (Class 5)
XH001660667	MT1H7B2	3M™ Peltor™ Tactical XP Neckband SLC80 23dB (Class 4)
XH001651047	HY79	Replacement Hygiene Kit for Tactical XP Headset

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### 3M™ PELTOR™ CH-3 Listen Only Headset

The 3M™ PELTOR™ CH-3 FLX2 Listen only Hearing Protector can enhance communication in noisy environments. Suitable for workers connected to 'listen only' their 2-way handheld radio, mobile or fixed systems.

- Bright yellow colour for enhanced visibility
- Detachable down lead FLX2 connector for high flexibility
- Improved speaker efficiency to fit today's digital device
- Newly designed headband
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU010252029	HT52A-112	CH-3 Listen Only Headset, Headband SCL80 31dB (Class 5)
UU010252037	HT52B-112	CH-3 Listen Only Headset, Neckband SCL80 30dB (Class 5)
UU010252045	HT52P3E-112	CH-3 Listen Only Headset, Helmet Attach. SCL80 29dB (Class 5)
UU010391918	HY84	Replacement Hygiene Kit for CH-3 Headsets

### 3M™ PELTOR™ CH-3 Standard J11 Headset

CH-3 Headset is the solution for easy Push-To-Talk (PTT) where it's more convenient to have an external PTT on your chest to control your 2-way radio. Connects via a standard J11 cable to a PTT.

- Waterproof microphone (IP68)
- Bright yellow colour for enhanced visibility
- Detachable down lead FLX2 connector for high flexibility
- Improved speaker efficiency to fit today's digital device
- Newly designed headband
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU010246302	MT74H52A-110	CH-3 FLX2 J11 Headset, Headband SCL80 31dB (Class 5)
UU010246914	MT74H52B-110	CH-3 FLX2 J11 Headset, Neckband SCL80 30dB (Class 5)
UU010246922	MT74H52P3E-110	CH-3 FLX2 J11 Headset, Headband SCL80 29dB (Class 5)
UU010391918	HY84	Replacement Hygiene Kit for CH-3 Headsets

### 3M™ PELTOR™ CH-3 Flex Headset with PTT

CH-3 Headset is the solution for easy Push-To-Talk (PTT) where it's more convenient to have an external PTT on your chest to control your 2-way radio. Connects via a standard J11 cable to a PTT.

- Waterproof microphone (IP68)
- Easy access PTT (Push-to-Talk) button on side of the cup
- Detachable down lead FLX2 connector for major 2 way radios
- Improved speaker efficiency to fit today's digital device
- Newly designed headband
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU010250932	MT74H52A-111	CH-3 FLX2 Headset with Built-In PTT, Headband SCL80 31dB (Class 5)
UU010249074	MT74H52B-111	CH-3 FLX2 Headset with Built-In PTT, Neckband SCL80 30dB (Class 5)
UU010247599	MT74H52P3E-111	CH-3 FLX2 Headset with Built-In PTT, Helmet Att. SCL80 29dB (Class 5)
UU010391918	HY84	Replacement Hygiene Kit for CH-3 Headsets

### 3M™ PELTOR™ FLX2 accessory connectors

Detachable down lead connector system to suit a wide range of different cable options to match today's most common 2-way radios and wired solutions.



3M Order Code	Model #	Description	Headset
UU009731140	FLX2-200	J11 Standard Cable	-110
UU010325718	FLX2-201	for Ground Mech	-110
UU010126348	FLX2-111	for Hytera DP7*	-111
UU010124293	FLX2-35	for Icom angeld 2-pin	-111
UU010124301	FLX2-44	for Icom F31/F41	-111
UU010126330	FLX2-64	for Icom F34/F44	-111
UU010054110	FLX2-36	for Kenwood 2-pin	-111
UU009731132	FLX2-107-50	for Kenwood Multipin	-111
UU009898113	FLX2-21	for Motorola GP300/DP1400	-111
UU009879477	FLX2-32	for Motorola GP340	-111
UU010126322	FLX2-65	for Motorola GP344	-111
UU010126314	FLX2-18	for Motorola GP900	-111
UU009731124	FLX2-63-50	for Motorola Mototrbo	-111
UU010123584	FLX2-101	for Sepura STP 8*/9*	-111
UU009898071	FLX2-28	for Mobile/Dect phones	-111
UU009898089	FLX2-202	3,5mm Stereo	-112
UU009731157	FLX2-203	2,5mm Mono	-112
UU009898097	FLX2-204	1/4" Stereo	-112
UU009731165	FLX2-205	3,5mm Mono	-112
UU010346730	FLX2-208	3,5mm Threaded	-112

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### 3M™ Peltor™ CH-5 Ultra High Attenuation Headset

These 3M PELTOR headsets are intended to help provide protection against hazardous noise levels and very loud sounds. With new innovative technology and design, the CH-5 headset achieve a very high attenuation. A new water tight boom microphone (IP68) is also developed for this product which allows for operation in wet conditions. Easy to use and maintain.

Designed to be used in extreme military environments such as tanks (crew headsets), ground crew around fighter jets and helicopters together with 3M PELTOR PTT Adapters or direct to an intercom system.

- High attenuation on impact noise
- Highest noise attenuation in the market \*
- Water tight microphone (IP68)
- Robust construction, easy to maintain
- E-A-Rfit Testable



3M Order Code	Model #	Description
UU008027532	MT73H450A-38	Headset, Headband, Grey, J11 Peltor SLC80 37dB (Class 5)
UU008027565	MT73H450A-86	Headset, Headband, Grey, J11 NATO SLC80 37dB (Class 5)
UU008027557	MT73H450A-77 GB	Flex Headset, Headband, Hi-Vis, J11 Peltor SLC80 37dB (Class 5)
UU008027573	MT73H450P3E-77 GB	Flex Headset, Helmet, Hi-Vis, J11 Peltor SLC80 35dB (Class 5)
UU008117143	MT73H450A GB	Headset, Headband, Hi-Vis, J11 Peltor SLC80 37dB (Class 5)
UU008117184	MT73H450P3E GB	Headset, Helmet, Hi-Vis, J11 Peltor SLC80 35dB (Class 5)
UU008117135	HY45	Replacement Hygiene Kit for CH-5 Headsets

### 3M™ PELTOR™ Twin Cup ATEX

The Peltor™ Twin Cup Headset , ATEX has high-attenuating shells with optimised acoustic design and excellent space for the ears. Noise compensated microphones for clear and reliable communication. The P3E-version is for helmet attachment and fits all 3M™ Peltor™ helmets and most other helmet brands on the market. ATEX approved.

- ATEX approved for use in areas where intrinsic safety is required
- Dynamic noise cancelling microphone
- Twin-Cup technique for increased attenuation



3M Order Code	Model #	Description
XH001674254	MT72H540P3E-50	3M™ Peltor™ Twin Cup headset, helmet attach SLC80 30dB (Class 5)
XH001659297	HY13	Replacement Hygiene Kit for Twin Cup Headset



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### 3M™ Peltor™ EEP-100 Electronic Earplug

The 3M™ PELTOR™ Electronic Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. The earpieces are rechargeable via a USB jack on the charging case providing storage of the earpieces when not being used.

The small and lightweight design makes it compatible with most head borne Personal Safety Equipment (PPE), such as helmets and face shields.

- Hearing protection with interchangeable tips
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable
- Durable storage and charging case (IP54)
- E-A-Rfit Testable
- Ultra Fit Eartips = SLC80 16 dB (Class 2)
- CCC-GRM-25 Eartips = SLC80 23 dB (Class 4)
- Skull Screw Eartips = SLC80 23 dB (Class 4)



3M Order Code	Model #	Description
70071730785	EEP-100 EU	3M™ PELTOR™ Electronic Earplug, EEP-100 EU
70071673795	TEP-CORD	3M™ PELTOR™ Replacement Cord
70071673746	370-TEPL-25	3M™ UltraFit™ Communication Tips Replacement, Large 25 PR/Case
70071673738	370-TEPM-25	3M™ UltraFit™ Communication Tips Replacement, Medium 25 PR/Case
70071673720	370-TEPS-25	3M™ UltraFit™ Communication Tips Replacement, Small 25 PR/Case
70071675212	CCC-GRM-25	3M™ Triple-C Communication Ear tips 25 PR/Case
70071615275	370-1019-10	3M™ Skull Screw™ Communication Ear Tips

### 3M™ Peltor™ TEP-200 Tactical Earplug

The 3M™ PELTOR™ Tactical Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with level-dependent technology, the TEP-200 helps provide hearing protection in noise and situational awareness in quiet environments. Ear pieces also include a small antenna to allow audio signals to be received wirelessly from a neckloop accessory (sold separately).

- Allow audio signals to be received wirelessly from a neckloop accessory
- Hearing protection with interchangeable tips
- Level-dependent function (for situational awareness)
- Intuitive one-button operation
- Rechargeable through storage and portable charging case (IP67)
- E-A-Rfit Testable
- Ultra Fit Eartips = SLC80 16 dB (Class 2)
- CCC-GRM-25 Eartips = SLC80 23 dB (Class 4)
- Skull Screw Eartips = SLC80 23 dB (Class 4)



3M Order Code	Model #	Description
70071677010	TEP-200	TEP-200 Tactical Earplug Kit
70071677036	TEP-LOOP-200	Wireless Neckloop Accessory
70071673795	TEP-CORD	3M™ PELTOR™ Replacement Cord
70071673746	370-TEPL-25	3M™ UltraFit™ Communication Tips Replacement, Large 25 PR/Case
70071673738	370-TEPM-25	3M™ UltraFit™ Communication Tips Replacement, Medium 25 PR/Case
70071673720	370-TEPS-25	3M™ UltraFit™ Communication Tips Replacement, Small 25 PR/Case
70071675212	CCC-GRM-25	3M™ Triple-C Communication Ear tips 25 PR/Case
70071615275	370-1019-10	3M™ Skull Screw™ Communication Ear Tips

