3M Personal Safety Division
High-Noise Communication Solutions

Smart
Solutions
Easy Communcations

The power to protect your world.[SM]

3M

The Power to Protect Your World℠

We live in a world where people don't always make the right choice. Health and safety professionals have a challenging job convincing people to wear protective equipment for their own safety. You must combine compliance to standards and regulations and employee safety, comfort, and even style. Everyone wants to look good, but they don't always want to wear protective equipment. We know this and it is why we continue to listen, test and add innovations to improve our products so people wear them longer.

We provide solutions for work situations requiring basic Personal Protective Equipment (PPE) through to environments that call for the most sophisticated and comprehensive protection. Whether the customer is a single tradesperson, medium sized business or an organisation employing thousands of workers, 3M has a workplace safety solution to meet your needs.

When job requirements call for special problem solving expertise, you can rely on 3M to use its diverse industry knowledge and history of innovation to give you the confidence and power to protect your world.

The 3M range of solutions for worker safety includes:

- Respiratory Protection
- Hearing Protection
- Communications
- Eye, Head & Face Protection
- Welding Protection
- Spill Management
- Worker Visibility
- Detection & Monitoring
- Body Protection

3M Safety brands you can trust:

Training and Support

3M's team of Specialist Representatives are available nationally, to provide support and training that meet the needs of our customers.

Furthermore, our qualified and highly experienced team are able to assist customers by:

- Conducting initial and ongoing assessments of the workplace.
- Recommending appropriate respiratory, hearing, eye protection, communication and spill management solutions required to maintain a safe work environment
- Providing technical advice about the correct use and maintenance of the solution that has been selected
- Facilitate on-site fit testing for both respiratory and hearing protection solutions, as required

No matter how effective a piece of Personal Protective Equipment (PPE) is, it will offer little or no protection if it is not fitted and/or worn correctly. Proper inspection, cleaning and storage is vital for safety equipment that protects a worker's health and well-being.

That is why we offer training programs that explain the correct way to fit, inspect, clean and store the PPE designed and manufactured by 3M.

Technical Assistance

3M TechAssist is the ideal point of contact for your questions, especially when you require a prompt answer. Supported by trained staff, TechAssist is an immediate link to the worldwide resources of 3M.

Customers can contact TechAssist to answer questions on product information, technical advice, guidance with product selection, Australia/New Zealand Standards and other important information they need to know on a day-to-day basis.

See back cover for Technical Assistance contact details.

ANZ Distributor network

3M distributes our wide range of workplace safety products through a network of distributors, resellers and retailers throughout Australia and New Zealand.

Detection

Protection

Validation

When it comes to protecting workers' hearing, there is no one-size-fits-all solution.

Understanding the challenge requires accurate sound detection. Delivering the right solution demands the right protection for the job. Verifying solutions calls for a validation system.

We deliver a complete set of tools needed to detect, protect and validate. It's 3M hearing protection solutions made innovatively easy.

PELTOR™

Smart Solutions for Easy Communications

Noise can create unique challenges for your workforce, and 3M Peltor offers innovative solutions that make it easy for your team to communicate in high noise environments.

Our dedication to developing communication solutions began over 40 years ago. Today we offer an extensive range of personal safety headsets and 2-way radio accessories for use in manufacturing, construction, shooting, racing, law enforcement, and military environments.

From our tactical hearing protectors to our self-contained 2-way radio headsets, 3M™ Peltor™ Products deliver the quality and performance needed for clear communications in high noise environments. Our products incorporate the latest technological advances in electronics, materials and designs.

3M Peltor: Innovative products. Clear communications. Professional comfort.

Learn more at **www.3m.com/au/ppesafety**   **www.3m.com/nz/ppesafety**

Table of
Contents

Functions

Short description of functions and the meaning of symbols.

Intrinsically - Safe
IS approved products developed for users who spend time in explosive atmospheres, such as the Oil and Gas industry.

Built in communication radio
Hearing protectors with built in communication radio.

Level Dependent Function
Each cup has a microphone that captures all sounds. The electronics inside analyse the information and process the sound before reproducing it to the ear. It provides effective protection against impulse noises like gunshots. At the same time, speech and weak signals can be amplified up to 10 times in comparison to conventional hearing protection.

Two way communication
To communicate at a distance via communication radio, mobile or DECT–phone.

Bluetooth™
Hearing protectors with built in Bluetooth™.

Built in FM/AM Radio Receiver
Hearing protectors with built in FM/AM-radio receiver.

Listen only function
To be able to listen to radio traffic, for example via a communication radio, mobile or DECT –phone.

MP3
Connects to MP3 player and other audio devices

Attenuation ratings

Short description of attenuation ratings and the meaning of symbols. (SLC$_{80}$ Sound Level Conversion)

OPTIME **1** AS/NZS 1270:2002 CLASS 1

85 < 90dB
Corresponds to AS/NZS 1269.3:2005 Class 1
SLC$_{80}$ 10 to 13dB

OPTIME **2** AS/NZS 1270:2002 CLASS 2

90 < 95dB
Corresponds to AS/NZS 1269.3:2005 Class 2
SLC$_{80}$ 14 to 17dB

OPTIME **3** AS/NZS 1270:2002 CLASS 3

95 < 100bB
Corresponds to AS/NZS 1269.3:2005 Class 3
SLC$_{80}$ 18 to 21dB

OPTIME **4** AS/NZS 1270:2002 CLASS 4

100 < 105dB
Corresponds to AS/NZS 1269.3:2005 Class 4
SLC$_{80}$ 22 to 25dB

OPTIME **5** AS/NZS 1270:2002 CLASS 5

105 < 110dB
*Corresponds to AS/NZS 1269.3:2005 Class 5
SLC$_{80}$ 26dB or greater

Warning:
At exposures above 110dB you will need specialist advice on the selection of hearing protectors.

3M™ Peltor™ Communication Solutions
Part Number Reference Guide

The following schedule is intended to provide a guide to the interpretation of part number sequence/s applied to the various Peltor Communication and hearing protection solutions.

+ Every number or letter represents a feature or characteristic of the Headset or Hearing Protector

+ There will be a cup size in the Code

+ There will always be a band configuration in the Code

+ Codes always start with the microphone

+ There could be part number sequences that end with a suffix which indicate a variant

MT32 H01
Microphone | Non-Attenuating Cup

MT7 H79 A
Microphone | Cup Size | Band

MT7 H7 P3E 4310
Microphone | Cup Size | Band | Headset Modification - Litecom Plus

Mic	* Type of Mic	Function	Headset Platform
MT1	Electret	Ambient noise Mic	Tactical XP
MT7	Dynamic	Boom Mic	Selective platforms
MT9	Dynamic	Throat Mic	Selective platforms
MT15	Dynamic	Ambient noise Mic	Protac/Comtac/Litecom
MT16	Dynamic	Ambient noise Mic	Sporttac
MT17	Dynamic	Ambient noise Mic	Comtac XP
MT32	Dynamic	Boom Mic	Non-attenuating
MT51	Electret	Boom Mic	Aviation
MT52	Dynamic	Boom Mic	Aviation
MT53	Electret	Boom Mic	All platforms
MT72	Dynamic	Boom Mic	Aviation (mainly)

* Electret versus Dynamic Microphone?
Dynamic Microphones preferred in areas where relatively high ambient noise may be prevalent

Letter	Band Style
A	Head band
B	Neck band
F	Foldable Head band
FB	Foldable Head band
P3x	Helmet Attach (x = E,G,K, etc dependent on type of Helmet

Comms Platform	Description	Basic Function
Communications Headsets - General. Ground Mechanic	Non-,Medium, High Attenuation	2-way communication through RF or Bluetooth™ medium
Aviation	High attenuation, Fixed wing & Helicopter	Radio Communications and PA
Listen Only	Medium and High Attenuation	One way communication
Litecom	Level dependent with built-in 2-way radio Hearing Protector	2-way communication through Built-in radio or external input signal
Tactical	Level dependent Hearing Protector	Impulse noise protection with Radio Communications capability
Workstyle	Hearing protection with AM/FM radio	Impulse noise protection with AM/FM radio and external port for personal music players or mobile phones.

Suffix	Description of modification
-31	Direct lead Icom
-35	Direct Lead/angled plug Icom
-95	Direct Lead/angled plug Icom with screw
-36	Direct lead Kenwood
-21	Direct lead Motorola GP300/CP040
-32	Direct lead Motorola GP340/GP380
-96	Direct lead Motorola MTP850/MTH800
-28	Direct lead Mobile Phone/ DECT phone
-77	Flex Headset
-50	ATEX (Intrinsically Safe)
-GB	Ground Mechanic
-04 VI	Aviation Headset Dynamics Mic (Fixed Wing)
-01 VI	Aviation Headset Electret Mic (Fixed Wing)
MT51H79F-02	Aviation STD impedance (Helicopter)
MT52H79F-03	Aviation LOW impedance (Helicopter)
-91	Twin Cup Helicopter
-01	Low profile, Med Attenuation Listen Only
-02	3.5mm stereo connector, 230 ohm

Suffix	Description of modification
-03	2.5mm mono connector, 230 ohm
-07	J11 Connector (ATEX)
-41	Motorola GP344/GP338
-53	2.5mm mono connector, ATEX
-54	3.5mm stereo screw-in connector, ATEX
-478	SportTac
-38	J11 connector (Military)
-68	J11 Gentex Goose Neck Mic
-69	Bone Conduction Mic
WS5	Bluetooth™
-290	Australia/New Zealand labelled/packaged
-34	Mono Motorola
-08 SV	Standard Headset - Black
-47	Flex Headset, LEMO connector
-23	1/4" mono connector, 32 ohm

Selection Tool

Headset Connectivity

Direct Lead
Connect your headset direct to you two-way radio

Flex Lead
Connect your headset via a flex cable to you two-way radio. Change of radio means a change of flex cable.

J11 & PTT
Connect your headset via a push-to-talk adapter to your two-way radio

Lite-Com
In-built two way radio. Can also program existing two-way radio to headsets

WS
Features Bluetooth™ technology to connect to Bluetooth radios/phones. Can also use Peltor WS adapter for non-bluetooth devices.

Additional Features

Level Dependent Mic

High Vis

Intrinsically Safe

Light Weight

AM/FM Radio

Listen Only

PELTOR™

Headset
Solutions

With a carefully developed microphone and speaker system, 3M's Peltor Headsets offer excellent communication possibilities for very high noise environments. The headset cups provide excellent attenuation and comfort for long-term wearing. A wide range of models and features offer many possibilities for different applications.

Peltor™ Non Attenuation Headset

This single or dual-sided non-noise attenuating lightweight 2-way communication headset is ideal for users working in non-hazardous noise conditions such as control bases or offices.

- Uses 3M™ Peltor™ technology in earcup design and electronics
- Offers clear, crisp 2-way communication
- Offers flexibility and convenience with lightweight headset design
- Works in conjunction with 2-way radios
- High comfort due to a broad head band of sprung stainless steel, which ensures even pressure
- Continuous height adjustment
- Load-relieving cord clip
- Equipped with Dynamic boom microphone
- Standard version with J11 connector (Nexus TP-120)

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

MT32H01

MT32H02

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Single sided, J11	MT32H01	Head Band	200	N/A	N/A	
Dual sided, J11	MT32H02	Head Band	215	N/A	N/A	

See list of PTT adapters on page 43

Peltor™ High Attenuation Standard Headset

With its carefully designed microphone/speaker system and excellent attenuation, the 3M™ Peltor™ Headset range offers unique acoustic performance providing outstanding communication in very high noise environments. Peltor's proven and durable designs ensure high comfort levels, allowing long term use under very tough conditions.

- High-attenuating shells with optimised acoustic design and excellent space for the ears for the best possible sound quality and comfort.
- Dynamic speech boom microphone with effective noise compensation for clear and reliable communication
- Quick positioning boom microphone for easy handling
- Soft, wide, foam and fluid-filled ear cushions.
- Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears
- Beam-mounted earphones that provide minimal resonance and distortion, offering excellent sound reproduction even in high-noise environments
- Standard J11 connection (Nexus TP-120)
- Numerous configurations. Overhead, neckband and helmet-attached versions to meet most users' requirements.

MT7H79A

Listen Only	
Two Way Comms	✔
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
J11, dynamic mic, 230 ohm	MT7H79A	Head Band	383	5	31dB	▬▬▬
J11, dynamic mic, 230 ohm	MT7H79B	Neck Band	367	5	26dB	▬▬▬
J11, dynamic mic, 230 ohm	MT7H79P3E	Helmet attached	406	5	29dB	▬▬▬

See list of PTT adapters on page 43

Peltor™ High Attenuation Flex Lead Headset

The 3M™ Peltor™ Flex Headset range offers unique acoustic performance providing outstanding communication in very high noise environments. A standard chassis jack for connecting Flex cords completes the headset.

• High-attenuating shells with optimised acoustic design and excellent space for the ears for the best possible sound quality and comfort.

• Electret speech boom microphone with effective noise compensation for clear and reliable communication

• Quick positioning boom microphone for easy handling

• Soft, wide, foam and fluid-filled ear cushions.

• Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears

• Beam-mounted earphones that provide minimal resonance and distortion, offering excellent sound reproduction even in high-noise environments

• PTT button on the cup

• Numerous configurations. Overhead, neckband and helmet-attached versions to meet most users' requirements.

MT53H79A-77

Listen Only	
Two Way Comms	✔
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Flex headset	MT53H79A-77	Head Band	383	5	31dB	
Flex headset	MT53H79B-77	Neck Band	367	5	26dB	
Flex headset	MT53H79P3E-77	Helmet Attached	406	5	29dB	

See list of flex cables on page 43

Peltor™ WS™ XP Bluetooth™ High Attenuation Headset

This Peltor wireless solution uses the latest Bluetooth technology to make communication in noisy environments easier and more effective. You can always be available – fast, easily and wirelessly. Gone are the problems of the snagging cord. You can use your telephone or communication radio even when they're not in sight. Peltor Wireless Solutions™ isn't just about headsets, it also includes adaptors for communication headsets that don't have built-in Bluetooth®.

- Wireless connection to phones or communication radios using Bluetooth™ technology
- The headset and telephone can be up to 10 metres apart and out of visible range without losing contact
- Volume and answer button on the shell
- High-attenuating shells with optimised acoustic design, spacial ear cups, offer great sound quality and comfort
- Electret speech microphone with effective noise compensation for clear and reliable communication
- Quick Positioning boom microphone for easy handling
- Soft, wide, foam and fluid-filled ear cushions. Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears
- Beam-mounted earphones that provide minimal resonance and distortion, offers excellent sound reproduction even in high-noise environments

MT53H7AWS5

Listen Only	
Two Way Comms	✔
Level Dependent	
Built in Comms	
Bluetooth	✔
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
WS headset-Bluetooth™	MT53H7AWS5	Head Band	398	5	31dB	▬▬▬
WS headset-Bluetooth™	MT53H7BWS5	Neck Band	388	5	29dB	▬▬▬
WS headset-Bluetooth™	MT53H7P3EWS5	Helmet Attached	450	5	31dB	▬▬▬

See list of Bluetooth™ adapters on Page 44

Peltor™ Intrinsically Safe High Attenuation Headset

3M™ Peltor™ line of IS products are designed for extreme environments. Developed in close collaboration with demanding users, these products have undergone rigorous testing in harsh environments. The results prove that we can meet the demands and make communication easier and more reliable despite external factors.

• Intrinsically safe headsets according to IECEx class Ex ib IIC T4

• High-attenuating shells with optimised acoustic design, spacial ear cups, offer great sound quality and comfort

• Dynamic speech microphone with effective noise compensation for clear and reliable communication

• Quick positioning boom microphone for easy handling

• Soft, wide, foam and fluid-filled ear cushions. Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears

• Beam-mounted earphones that provide minimal resonance and distortion for excellent sound reproduction even in very high-noise environments

• Standard J11 Connector (Nexus TP-120)

MT7H79F-50

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	✓
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
ATEX, 230 ohm, J11, dyn, Mic	MT7H79F-50	Folding Head Band	383	5	31dB	
ATEX, 230 ohm, J11, dyn, Mic	MT7H79B-50	Neck Band	367	5	26dB	
ATEX, 230 ohm, J11, dyn, Mic	MT7H79P3E-50	Helmet Attached	406	5	29dB	

See list of intrinsically safe PTT adapters on page 44

Peltor™ Twin Cup High Attenuation Headset

3M™ Peltor™ twin cup high attenuation headset represent the ultimate in earmuff technology by combining extreme noise protection with exceptional wearer comfort. These communication earmuffs feature double-shell technology to provide superior hearing protection in extreme noise conditions.

- Extra high-attenuating twin shells with optimised acoustic design, spacial ear cups offer great sound quality and comfort
- Dynamic speech microphone with effective noise compensation for clear and reliable communication
- Quick positioning boom microphone for easy handling
- Soft, wide, foam and fluid-filled ear cushions. Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears
- High visibility cups (High vis option)
- IECEx Ex ib IIC T4 (Intrinsically Safe option)

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe*	✓
MP3	

* Applies to Intrinsically Safe version only

MT7H540F GB

MT72H540F-50

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
J11, dyn, mic, 230 ohm	MT7H540F GB	Folding Head Band	440	5	33dB	
J11, dyn, mic, 230 ohm	MT7H540P3E GB	Helmet Attached	440	5	33dB	
J11, dyn, mic, 230 ohm	MT72H540F-50	Folding Head Band	440	5	33dB	
J11, dyn, mic, 230 ohm	MT72H540P3E-50	Helmet Attached	440	5	33dB	

See list of intrinsically Safe and High Vis Ground Mechanic adapters on page 44

Aviation
Solutions

Whether the ground is 32,000 feet below you or you push an A380 with a weight of 560 tonnes, you can't afford to have anything go wrong.
Perfect communication, convenient design, low weight and maximum comfort are essential requirements of a headset in a noisy aviation environment, in the air and on the ground.

Peltor™ WS™ XP & WS™ ProTac™ XP Ground Mechanic Headsets

The Peltor Ground Mechanic WS XP Headset and ProTac XP Headset are hearing protectors that feature Bluetooth technology. The Bluetooth connection between headset and adapter ensures an efficient and safe push back. The headset provides effective noise attenuation when sound level is high.

- Wireless connection to WS Ground Mechanic adapter using Bluetooth™ technology
- DSP (Digital Signal Processor)
- Supports Bluetooth A2DP profile for streaming high quality stereo sound
- VOX (Voice Operated Transmit)
- Cockpit notification and connection control
- The headset and adapter can be up to 10 metres apart and out of visible range without losing contact
- Volume and PTT (push to talk) buttons are on the shell
- High-attenuating shells with optimised acoustic design, spacial ear cups offer great sound quality and comfort
- Dynamic speech microphone with effective noise compensation for clear and reliable communication
- Socket for an External PTT
- Wireless connection to WS5 Ground Mechanic adapter using Bluetooth™ technology "FL6007-WS5 GB".
- WS ProTac XP includes Level dependent function in stereo that lets you hear ambient sound: conversation, machine sounds and warning signals

MT7H7AWS5-01 GB

MT157H7AWS5-01 GB

Listen Only	
Two Way Comms	✓
Level Dependent*	✓
Built in Comms	
Bluetooth	✓
AM/FM	
Intrinsically Safe	
MP3	

* Level dependent only applies to WS Protac XP

FL5602

FL6007-WS5 GB

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
WS XP	MT7H7AWS5-01 GB	Head Band	345	5	30dB	
WS ProTac XP	MT15H7AWS5-01 GB	Head Band	345	5	30dB	
Ground Mechanic, WS Adapter	FL6007-WS5 GB	N/A	200	N/A	N/A	
External PTT	FL602	N/A	150	N/A	N/A	

Peltor™ High Attenuation Ground Mechanic Headset

3M™ Peltor™ Ground Mechanic headset range provides fine tuned attenuation level for different noise environments. The high visibility headset range offers in addition to the excellent attenuation, unique acoustic performance providing outstanding communication in very high noise environments.

• Special built-in amplifier headset for communication between ground staff and aircraft cockpit

• High attenuating cups with optimised acoustic design, spacial ear cups offer great sound quality and comfort

• Dynamic differential microphone with excellent ambient noise compensation and a built-in microphone amplifier

• Quick Positioning boom microphone for easy handling

• Soft, wide, foam and fluid-filled ear cushions. Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears

• Standard J11 connection (Nexus TP-120)

• Beam-mounted earphones that provide minimal resonance and distortion for excellent sound reproduction even in very high noise environments

MT7H79F-01 GB

Listen Only	
Two Way Comms	✔
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Ground Mechanic, dyn,mic	MT7H79F-01 GB	Foldable Head Band	383	5	31dB	

See list of High Vis Ground Mechanic adapters on page 44

Peltor™ Fixed Wing Aviation Headsets

The Aviation 8003 headset for fixed winged aircraft has an ambient-noise compensated dynamic differential microphone, specially designed for aviation intercom systems. The Aviation 8006 headset for fixed winged aircraft has an ambient-noise compensated electret differential microphone, specially designed for aviation intercom systems

Aviation 8003

- The microphone amplifier can be adjusted for output signals in the range of 300-600 mV
- The frequency range is adjusted for good speech recognition
- The straight polyurethane cable with moulded connectors has a stereo/mono switch in the branching box
- The earphones have a 1/4" stereo connector and the microphone has a PJ068 connector.

Aviation 8006

- The microphone amplifier can be adjusted for output signals in the range of 300-600 mV
- The frequency range is adjusted for good speech recognition
- The earphones have a broad frequency range for good sound reproduction
- The straight polyurethane cable with moulded connectors has a stereo/mono switch in the branching box
- The earphones have a 1/4" stereo connector and the microphone has a PJ068 connector

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

MT52H79F-04 VI

MT51H79F-01 VI

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Aviation 8003, CE dyn,mic	MT52H79F-04VI	Head Band	370	5	31dB	
Aviation 8006, CE elec,mic	MT51H79F-01 VI	Head Band	360	5	31dB	

Peltor™ Helicopter 8103 & 8106 Headsets

The Aviation 8103 helicopter headset has an ambient-noise compensated dynamic differential microphone, specially designed for aviation intercom systems. The Aviation 8106 helicopter headset has an ambient-noise compensated electret differential microphone.

Aviation 8103

• The microphone amplifier is designed for intercom systems with 5 Ohm impedance

• The frequency range is adjusted for good speech recognition

• The earphones have a limited frequency range, to give the best possible speech recognition in the ambient noise of a helicopter

• The spiral polyurethane cable has a moulded NATO-standard connector equivalent to the Nexus TP-120

Aviation 8106

• The earphones have a limited frequency range, to ensure the best possible speech recognition in the ambient noise of a helicopter

• Peltor™ two-point suspension of the shells on a broad head band ensures total comfort and consistent noise attenuation

• The spiral polyurethane cable has a moulded NATO-standard connector equivalent to the Nexus TP-120

MT52H79F-03

MT51H79F-02

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Aviation 8103 , CE low Imp dyn,mic	MT52H79F-03	Head Band	360	5	31dB	■■■■■
Aviation 8106 , CE std Imp electrect ,mic	MT51H79F-02	Head Band	370	5	31dB	■■■■■

PELTOR™

Listen Only Solutions

3M™ Peltor™ Listen Only Headsets for connection to communication radios, pocket receivers, CD players and more. The proven and durable designs ensure high comfort levels, allowing long-term use under very tough conditions.

Peltor™ High Attenuation Listen Only Headset

With its excellent attenuation, the 3M™ Peltor™ Listen Only range offers unique acoustic performance providing outstanding communication in very high noise environments. 3M Peltor's proven and durable designs ensure high comfort levels, allowing long term use under very tough conditions

- Available in Mono, or in Stereo with a volume level limiter equivalent to 82 dB(A) sound level
- High-attenuating shells with optimised acoustic design, spacial earcups offer great sound quality and comfort
- Soft, wide, foam and fluid-filled ear cushions. Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears.
- Beam-mounted earphones that provides minimal resonance and distortion for excellent sound reproduction even in very high-noise environments
- Available with different connectors

Listen Only	✓
Two Way Comms	
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

HTB79A

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
¼" Stereo Connector, 230 ohm	HTB79A	Head Band	290	5	31dB	
¼" Stereo Connector, 230 ohm	HTB79F	Foldable Head Band	275	5	31dB	
¼" Stereo Connector, 230 ohm	HTB79P3E	Helmet Attached	320	5	29dB	
3.5mm Stereo Connector, 230 ohm	HTB79A-02	Head Band	290	5	31dB	
3.5mm Mono Connector, 230 ohm	HTM79A	Head Band	290	5	31dB	
3.5mm Mono Connector, 230 ohm	HTM79B	Neck Band	275	5	26dB	
3.5mm Mono Connector, 230 ohm	HTM79P3E	Helmet Attached	320	5	29dB	
2.5mm Mono Connector, 230 ohm	HTM79A-03	Head Band	290	5	31dB	
2.5mm Mono Connector, 230 ohm	HTM79B-03	Neck Band	275	5	26dB	
2.5mm Mono Connector, 230 ohm	HTM79P3E-03	Helmet Attached	320	5	29dB	
3.5mm Mono Connector, 32 ohm	HTM79A-21	Head Band	290	5	31dB	
¼" Mono Connector, 32 ohm	HTM79A-23	Head Band	290	5	31dB	
6.3mm Mono Connector, 8 ohm	HTM79B-07	Neck Band	275	5	26dB	
Mono Motorola Connector, 230 ohm	HTM79P3E-34	Helmet Attached	320	5	29dB	

Peltor™ Intrinsically Safe Listen Only Headset

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

• IECEx-approved headsets according to IECEx class ib IIC T4

• High-attenuating shells with optimised acoustic design, spacial ear cups offer great sound quality and comfort

• Soft, wide, foam and fluid-filled ear cushions. Individually sprung stainless steel head band provides an even and consistent distribution of pressure around the ears

• Beam-mounted earphones that provide minimal resonance and distortion for excellent sound reproduction even in very high-noise environments

Listen Only	✓
Two Way Comms	
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	✓
MP3	

HTM79F-50

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
3.5mm Mono Connector, ATEX	HTM79F-50	Foldable Head Band	310	5	31dB	
3.5mm Mono Connector, ATEX	HTM79P3E-50	Helmet Attached	320	5	29dB	
2.5mm Mono Connector, ATEX	HTM79P3E-53	Helmet Attached	320	5	29dB	
3.5mm Stereo Screw-In Connector, ATEX	HTM79P3E-54	Helmet Attached	320	5	29dB	

Light Weight
Solutions

3M™ Peltor™ Light Weight solutions are designed for users who must have clear reception of incoming transmissions.

Compared to regular earmuffs, these products offer a more neat and discreet solution. We have developed a flexible portfolio to be used in many applications, where this solution is valuable and needed.

Peltor™ ORA TAC In-Ear Tactical Communications

The 3M™ Peltor™ ORA TAC is a dual-sided in-ear tactical communications headset. The ORA TAC headset is lightweight, compact and provides hearing protection with comfortable, ambient listening. It is compatible with other PPE such as full face respirators.

- Delivers omni-directional reception with lightweight, compact headset
- No earcups reduce weight & heat
- Quick radio connect/disconnect
- Moisture- resistant PTT
- Fits with most respirators, eye wear, face masks, helmets and hard hats
- Protects users from impulse noises and in high-noise environments
- Offers direct connection to a variety of 2-way communications radios
- Provides clear communication with tactical features for more natural sound

Listen Only	
Two Way Comms	✓
Level Dependent	✓
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

ORA-BASE-EU

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Oratac Base Unit	ORA-BASE-EU	Base Unit	245	N/A	N/A	
Skull Screw™, Replacement Tips	370-1019-10	Tips	N/A	4	22dB	
Classic™, Replacement Tips	420-297-50	Tips	N/A	4	23dB	
Ultrafit™ Replacement Tips	PELTIP4-01	Tips	N/A	1	11dB	

See list of Flex cables on page 43

3M™ Peltor™ TEP-100

In-Ear Electronic Level Dependent Hearing Protector

The 3M™ PELTOR™ Tactical Earplug helps protect your hearing, and can help improve situational awareness and communications in challenging environments. Integrated with state-of-the-art level dependent technology, the TEP-100 helps provide hearing protection in noise and situational awareness in quiet environments.

- Charging contacts recharge the unit while in the case. Li-ion battery provides up to 16 hours of continuous operation.
- Intuitive one-button operation turns unit on, off, and selects volume settings (2).
- Replaceable communications eartip helps provide hearing protection in noisy environments. Multiple sizes and types designed to fit most ear canals.
- Water resistant innovative design helps protect microphone against water ingress.
- Corner radius designed to help soften contact zone and increase comfort.
- Unique microphone port to help minimize wind noise
- Attachment point for optional earplug cord. (included)

TEP-100E

TEP-100

Listen Only	
Two Way Comms	
Level Dependent	✓
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Tactical Kit	TEP-100	In-Ear	3.68	-	-	
Replacement Cord	TEP-CORD	Cord	-	-	-	
Replacement Earpiece	TEP-100E	In-Ear	3.68	-	-	
Replacement Case	TEP-100C	Case	119	-	-	
Ultrafit Replacement Tips-LRG	370-TEPL-25	Tip	-	2	16dB	
Ultrafit Replacement Tips-MED	370-TEPM-25	Tip	-	2	16dB	
Ultrafit Replacement Tips-SML	370-TEPS-25	Tip	-	2	16dB	
Skull Screw Replacement Tips	370-1019-10	Tip	-	4	23dB	

Peltor™ HearPlug™ Communication Earplugs

Compact, versatile and easy to use, this listen-only earpiece kit for two-way radios allows for clear reception in high-noise environments.

• Ideal where earmuffs cannot be worn i.e, under helmets or hoods

• Listen-only earpiece with 3.5 or 2.5-mm mono plug

• Disposable and reusable communication earpieces included

• Lets you connect to lapel microphones & audio devices

Listen Only	✓
Two Way Comms	
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

HTM06-01

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
HearPlug™, 3.5mm mono plug	HTM06-01	Base Unit	21	N/A	N/A	
HearPlug™, 2.5mm mono plug	HTM07-01	Base Unit	21	N/A	N/A	
E-A-R™ Ultrafit™, Reusable plug	Peltip1	N/A	N/A	1	12dB	
E-A-R™ Classic™, Disposable plug	Peltip2	N/A	N/A	4	25dB	

Peltor™ Throat Microphone Kit

The 3M™ Peltor™ throat microphone and earpiece combination is specifically designed for situations and environments where boom microphones are ineffective or can't be used.

• Dynamic throat microphone

• High quality in-ear speakers with noise attenuating plugs

• Plugs are replaceable for hygienic reasons

• Ability to be used where boom microphones are ineffective or can't be used

• Picks up vibrations from user's voice box for excellent voice recognition

• Allows user to monitor all radio transmissions clearly with adjustable earpiece

• Offers stretchable strap with adjustments for different neck sizes

• Adapts to any portable radio with Push-to-Talk (PTT) adaptors

MT90H044

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Peltor™, Throat Mic	MT90H044	Base Unit	110	N/A	N/A	⬛
E-A-R™ Ultrafit™, Reusable plug	Peltip1	N/A	N/A	1	12dB	🟨
E-A-R™ Classic™, Disposable plug	Peltip2	N/A	N/A	4	25dB	🟨

See list of PTT adapters on page 43

Peltor™ Behind the Neck Light Weight Headset

The 3M™ Peltor™ behind the neck light weight headset is a single sided non-noise attenuating 2-way communication headset.

• Non attenuating light weight headset

• Single side speaker

• Noise compensated microphone

• J11 standard connection

• Compatible with Peltor PTT adapters and Dect Com

Listen Only	
Two Way Comms	✓
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	

MT701H03

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Peltor™, Light Weight System	MT701H03	Base Unit	85	N/A	N/A	■■■■■

See list of PTT adapters on page 43

PELTOR™

Lite-Com
Solutions

The 3M™ Peltor™ Lite-Com series has a built-in two-way radio that opens up a new world with endless communication possibilities. Don't let noisy surroundings prevent you from working effectively. The Peltor Lite-Com Series helps you stay connected while at all times protecting your hearing.

It doesn't matter whether you work in a small team or a large group. When everyone is linked by two-way radio you can do the right tasks at the right time. You can choose already programmed frequencies or program your own frequencies.

Peltor™ Lite-Com™ Plus Headsets

The 3M™ Peltor™ Lite-Com™ Plus boasts the same great features as the standard Lite-Com (hands-free communication up to 1 km), with an improved user interface and digital speech recognition. The Lite-Com Plus allows users to be better connected with their immediate environment, hearing ambient sounds such as conversation and warning signals while still maintaining clear two-way communication over long distances.

- Designed for people who work in teams or groups, where communication is essential
- 69 two way radio channels on the LPD 433 MHz band
- 121 sub channels
- Built-in active-sound function lets you hear ambient sounds; warning signals, machine sounds, conversation, etc. Sudden impulse noise at harmful levels are immediately attenuated
- Electronic voice guided menu system
- Separate PTT (push to talk) button for the auxiliary input, where a mobile phone, radio, or other audio source can be connected
- Squelch, VOX and audio input adjustment lets you configure the earmuffs to your personal choice. These settings can then be saved in the pre set buttons
- Unused, Lite-Com Plus switches off automatically to conserve batteries
- Rechargeable lithium-ion battery with 20 hours operating time
- Battery status indication

MT7H7A4310-AZ

Listen Only	
Two Way Comms	✔
Level Dependent	✔
Built in Comms	✔
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	✔

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
LPD 433 MHz	MT7H7A4310-AZ	Head Band	465	5	31dB	
LPD 433 MHz	MT7H7B4310-AZ	Neck Band	452	5	30dB	
LPD 433 MHz	MT7H7P3E4310-AZ	Helmet Attached	497	5	27dB	

See list of Lite-Com cables on page 44

Peltor™ Intrinsically Safey Lite-Com™ Pro II Headsets

Peltor Lite-Com Pro II is a communication headset with high attenuation hearing protection and a short range built-in communication radio. The communication radio is designed for either stand alone or integration into industrial or other professional communication systems. It's an intrinsically safe UHF radio headset that's frequency programmable, making it ideal for manufacturing, oil and gas environments, as well as assembly line work.

• Has a built-in active-volume function that lets you hear ambient sound: conversation, machine sounds and warning signals

• Built-in VOX for handsfree operation

• Sudden impulse noises at harmful levels are immediately attenuated

• An electronic voice tells you what settings you are adjusting, so you do not have to take off the headset to check

• IECEx class
  I M1 Ex ia I Ma
  II 1G Ex ia IIC T4 -20°C≤Ta≤+50°C Ga
  II 1D Ex ia IIIC T130°C Da

Listen Only	
Two Way Comms	✔
Level Dependent	✔
Built in Comms	✔
Bluetooth	
AM/FM	
Intrinsically Safe	✔
MP3	✔

Product available Q1 2015

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Programmable 450-520 MHz	TBA	Head Band	436	TBA	TBA	
Programmable 450-520 MHz	TBA	Neck Band	521	TBA	TBA	
Programmable 450-520 MHz	TBA	Helmet Attached	456	TBA	TBA	

Tactical
Solutions

3M™ Peltor™ Tactical headsets consist of level dependent solutions that are invaluable tools for people who are subjected to impulse noises. The active-volume function lets you hear ambient noises, such as conversations, machine sounds, warning signals etc. Soft sounds are amplified, so you hear them even better than you would without hearing protectors.
These products are well-suited and often used by the military, hunters and shooters as well as industrial users.

Peltor™ SportTac™ Headset

SportTac™ earmuffs are developed specifically for hunting and sports shooting. The smooth, level dependent function eliminates abrupt sound cut-off. They protect against harmful impulse noises while letting in, and even amplifying, ambient sounds. Interchangeable shells make it easy to change colour.

- Developed specifically for hunting and sport shooting
- Smooth level dependent function, which eliminates abrupt sound cut-off
- Interchangable shells makes it easy to change colour
- Equipped with automatic shut-off function
- Collapsible design for easy storage
- Input jack, allows you to connect to selected 2-way radios or other electronic audio devices
- Angled speakers for better direction perception
- Electronics on the outside protected from sweat
- Water resistant exterior
- Amplifies ambient sounds up to 15dB
- Battery life 600 hr (AAA Batteries 1.5V)
- Slim compact shells design for optimal freedom of movement

MT16H210F-478-GN

Listen Only	
Two Way Comms	
Level Dependent	✓
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	✓

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Orange/Green Shells	MT16H210F-478-GN	Foldable Head Band	318	4	24dB	
Black/Red Shells	MT16H210F-478-RD	Foldable Head Band	318	4	24dB	

Peltor™ ProTac™ II & Tactical Pro™ Headsets

With the ProTac II, you are not shut off from the environment, which can be both dangerous and inconvenient. The level dependent function lets you hear ambient sound: conversation, machine sounds and warning signals. The control buttons are easily accessible and logically positioned, making it easy to adjust ambient noise.

- Improves communication and safety
- Level dependent function in stereo that lets you hear ambient sound: conversation, machine sounds and warning signals
- Plenty of space for the ear
- Last setting is stored when switched off
- Headset option with guide-mounted microphone
- Low battery warning signal
- Automatic shut-off after two hours if no function is used
- Battery life is approximately 1000 hours (AA Batteries). Warning signal when power is low, before shut-off
- Audio input jack for external radio
- TACTICAL PRO comes with Dynamic boom mic & J11 input jack

MT15H7A2 SV

Listen Only	
Two Way Comms*	✔
Level Dependent	✔
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	✔

* Two way comms only applies to Tactical Pro

ProTac

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Standard	MT15H7F-SV	Foldable Head Band	345	5	30dB	
Standard	MT15H7A2 -SV	Head Band	345	5	30dB	
Standard	MT15H7B2-SV	Neckband	306	5	29dB	
Standard	MT15H7P3E-SV	Helmet Attached	370	5	29dB	

Tactical Pro

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Headset with J11 & Mic	MT15H7A-07-370-SV	Head Band	350	5	30dB	
Headset with J11 & Mic	MT15H7B-07-370-SV	Neck Band	350	5	30dB	
Headset with J11 & Mic	MT15H7P3E-07-370-SV	Helmet Attached	375	5	30dB	

Peltor™ WS ProTac™ XP Headset

The Peltor™ WS™ ProTac XP is an active-hearing hearing protector that features Bluetooth® technology.

The Bluetooth function enables work with both hands free while taking calls via DECT- or mobile phones. The ambient listening function lets the user hear surrounding noise and converse with colleagues. The headset provides effective noise attenuation when sound level is high.

- DSP (Digital Signal Processor)
- Level dependent function in stereo that lets you hear ambient sound: conversation, machine sounds and warning signals
- Supports Bluetooth A2DP profile for streaming high quality stereo sound
- Advanced VOX (Voice Operated Transmit)
- Available in Flex version

MT15H7AWS5

MT15H7FWS5-50

Listen Only	
Two Way Comms	✓
Level Dependent	✓
Built in Comms	
Bluetooth	✓
AM/FM	
Intrinsically Safe*	✓
MP3	✓

*Only applies to Intrinsically Safe headsets

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Standard Headset	MT15H7AWS5	Head Band	345	5	30dB	
Standard Headset	MT15H7BWS5	Neck Band	306	5	29dB	
Standard Headset	MT15H7P3EWS5	Helmet Attached	370	5	29dB	
Flex Headset	MT15H7AWS5-77	Head Band	345	5	30dB	
Flex Headset	MT15H7P3EWS5-77	Helmet Attached	370	5	29dB	
Flex Headset	MT15H7BWS5-77	Neck Band	306	5	29dB	
IS Headset	MT15H7FWS5-50	Head Band	345	5	30dB	
IS Headset	MT15H7BWS5-50	Neck Band	306	5	29dB	
IS Headset	MT15H7P3EWS5-50	Helmet Attached	370	5	29dB	

Peltor™ Tactical™ XP Standard, Intrinsically Safe & High Vis Headsets

The 3M Peltor Tactical XP is equipped with many functions that further improve your opportunities to hear what you want while remaining protected from harmful noise. Each function and its settings are indicated by a voice message. Functions such as equalizer, balance and a high amplification make this type of product one of the most advanced on the market.

- Level dependent function that lets you hear ambient sound: conversation, machine sounds and warning signals, etc.
- Electronic voice guided menu system
- Equipped with the following functions: volume for the level dependent function, balance, adjustable release time, equalizer, volume for external input and external input mode
- Leather covered head band for durability and comfort.
- Last setting is stored when switched off
- Automatic shut-off after two hours if no function is used
- Intrinsically safe and Hi Vis Option available

MT1H7F2

Listen Only	
Two Way Comms	✓
Level Dependent	✓
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe*	✓
MP3	✓

*Only applies to Intrinsically Safe headsets

MT1H7F2-07-50

MT1H7F2-07-01 GB

Standard Tactical XP

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Standard	MT1H7F2	Folding Head Band	390	5	28dB	
Standard	MT1H7B2	Neck Band	375	5	28dB	
Standard	MT1H7P3E2	Helmet Attached	425	5	30dB	
J11 Headset	MT1H7F2-07	Folding Head Band	390	5	28dB	
J11 Headset	MT1H7B2-07	Neck Band	375	5	28dB	
J11 Headset	MT1H7P3E2-07	Helmet Attached	425	5	30dB	
Flex Headset	MT1H7F2-77	Folding Head Band	400	5	28dB	
Flex Headset	MT1H7B2-77	Neck Band	350	5	28dB	
Flex Headset	MT1H7P3E2-77	Helmet Attached	390	5	30dB	

IS Tactical XP

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
IS Standard Headset	MT1H7F2-51	Folding Head Band	390	5	28dB	
IS Standard Headset	MT1H7B2-51	Neck Band	375	5	28dB	
IS Standard Headset	MT1H7P3E2-51	Helmet Attached	425	5	30dB	
IS J11 Headset	MT1H7F2-07-50	Folding Head Band	390	5	28dB	
IS J11 Headset	MT1H7B2-07-50	Neck Band	375	5	28dB	
IS J11 Headset	MT1H7P3E2-07-50	Helmet Attached	425	5	30dB	

High Vis Tactical XP

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
HV J11 Headset	MT1H7F2-01 GB	Folding Head Band	400	5	28dB	

Peltor™ ComTac™ XPI Headsets

Clear and reliable communications are critical to success in most military operations. To be able to communicate while being protected from harmful noise levels is a vital necessity, both for exercises and actual combat situations.

In many military operations, noise levels are so high that they can cause immediate and permanent damage to the hearing if protection is not worn. At the same time, communication is of prime and vital importance. Orders and information must be heard and understood, both via radio and directly person to person.

- Thin, high-attenuating cups
- Tested to IP68 and military specifications
- Watertight microphones
- Level dependant function with new setting options:
- Plug mode- increases the volume when wearing the headset with earplugs in extremely noisy environments
- Balance Mode- adjusts the balance between left and right earphones
- Equalizer Mode- adjusts and cuts out high or low frequencies
- Release Time Mode- Adjusts the length of time before the Tactical function is reactivated
- High quality head band made from stainless steel and leather
- Automatic power off after two hours if no function is used
- No software loads or outside power required, complete self contained headset with power fail safe
- Voice guided menu

MT17H68FB-02

Listen Only	
Two Way Comms	✔
Level Dependent	✔
Built in Comms	
Bluetooth	
AM/FM	
Intrinsically Safe	
MP3	✔

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Standard	MT20H682FB-02	Folding Head Band	285	5	27dB	
Standard	MT20H682FB-02 SV	Folding Head Band	285	5	27dB	
Standard Dyn Mic Headset	MT20H682FB-38	Folding Head Band	335	5	27dB	
Standard Goose Mic Headset	MT20H682FB-68	Folding Head Band	335	5	27dB	
Standard Bone Cond Mic Headset	MT20H682FB-69	Folding Head Band	335	5	26dB	
Standard Dyn Mic Headset NATO	MT20H682FB-86	Folding Head Band	335	5	27dB	

Multiple military configurations available. Please contact 3M for full line military catalogue.

Workstyle
Solutions

3M's Peltor™ Workstyle™ headsets effectively protect your hearing while allowing you
to listen to FM-radio.

Peltor™ Worktunes™ Digital Headset

3M™ Peltor™ Worktunes™ Digital headset has an advanced radio as standard. The sound is reproduced in stereo with a bass that does the music justice. The short, flexible antenna provides excellent reception with no annoying interference, even in harsh conditions. The sound level of the radio or the external input never exceeds 82 dB(A).

• Hands-free Voice Assist feature guides you to your favorite stations and helps you program new ones

• Voice Assist tells you what radio station you are on without having to remove WorkTunes™ from your ears

• Voice Assist low-battery indicator

• Easy-to-use auto scanning to quickly find and save radio stations

• Bass Boost option

• Save up to 50 preset stations

• Designed for easy operation

• Automatic shut off helps conserve your batteries

• Recessed MP3 jack

• Output sound level limited to 82dB to protect your hearing

90541-80025AU

Listen Only	
Two Way Comms	
Level Dependent	
Built in Comms	
Bluetooth	
AM/FM	✔
Intrinsically Safe	
MP3	✔

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Standard Headset	90541-80025AU	Head Band	348	5	26dB	

Peltor™ Worktunes™ Plus Headset

The 3M™ Peltor™ Worktunes™ Plus is a hearing protector with built in electronic functionality to improve safety and increase motivation for wearers in noisy conditions. It has a built in AM/FM radio and a level dependent function for ambient listening.

Warning signals, approaching vehicles and other dangers that may occur can still be heard thanks to the level dependent function. The external port enables connection to external sources, for example a mobile phone or an MP3-player.

- The level dependent function allows you to hear sounds, warning signals, machinery and conversations. Sudden impulse noise at harmful levels are immediately attenuated
- The AM/FM radio provides hearing protection with music while you work
- Easy-to-handle volume control knobs for radio and level dependent function
- A short, flexible antenna provides excellent reception with no annoying interference
- Switches automatically from stereo to mono for the best reception in the event of a weak signal
- AM/FM switch to choose your radio reception

M2RX7A 290

Listen Only	
Two Way Comms	
Level Dependent	✓
Built in Comms	
Bluetooth	
AM/FM	✓
Intrinsically Safe	
MP3	✓

Description	Product Code	Configuration	Weight (g)	Class	SLC80	Colour
Standard Headset	M2RX7A	Head Band	345	5	28dB	

Adapter & Cable Solutions

Sturdy, water-resistant flex cables and adapters with integrated push-to-talk

button (PTT) for connecting 3M™ Peltor™ headsets to communication radios, mobile

telephones and other equipment.

Available in standard, ATEX/IECEX, Bluetooth and High Vis options.

Flex Cables

Product code	Communication radio
FL6U-31	Alan 441
FL6U-31	Albecom 1221/1331/PD1000
FL6U-35	Albrecht Tectalk Contact 446 PMR
FL6U-31	Cobra
FL6U-21	HandiePro, Radius P110
FL6U-31	Hunter MK16, MK24
TAA13-T0299	ICOM F31/F41
FL6U-35	ICOM IC-F3GS, GT51/61 F4GS, GT etc with angled connector
FL6U-31	ICOM IC-F3S, F4S, IC-E90, LPD06,PMR06 (with straight connector)
TAA19-T0299	ICOM F34/F44
FL6U-36	Kenwood 260/270, 360/370 LPD, TH22E PMR etc
FL6U-31	Lafayette, DC31 Micro-3, DC155 Micro-3
FL6U-31	Maxon SL25
FL6U-21	Motorola GP300, CPO40
FL6U-32	Motorola GP320, 328, 339, 340, 360, 380, 388, 640, 680, 1280
FL6U-61	Motorola Visar 3,5 mm, GP344/388 via Motorola adapter plug
AL3CB-T0299	Motorola GP900
TAA20-T0299	Motorola GP344/GP388, GP328+ /GP338 +
FL6U-62	Motorola TETRA MTH800/MTP850
TAA22-T0299	Vertex VX160/400
FL6U-31	TEKK
FL6U-31	Yeasu (older models)
FL6U-31	Zodiac PA2099/PA1599/PA5499/ PA5500/P2400 + various LPD/PMR radios
FL6U-58	Sepura SRP 2000 / SPM 3*000
FL6U-64	ICOM F33/F43 F34/F44
FL6U-65	Motorola GP344, GP328+
FL6U-66	Iphone/HTC
FL6U-101	Sepura STP8
FL6U-63	Motorola MOTOTRBO
FL6U-107	Kenwood TK 280

Product code	DECT- and mobile phones	Handsfree adapter
FL6U-28A	Ascom DECT 9d23/Offi ce 155 Pro -	-
FL6U-28	Ericsson 628/688/788/868/888/T10/T18/R5250s Pro and DT570	TAH10
FL6U-28A	Ericsson DT400/DT410/DT420/DT590 -	-
FL6U-28	Ericsson GSM other models -	-
FL6U-28	Ericsson T20/T28/T29/T39/T65/T66/T68/ R310/R320/R380/R520/R600/T200/T300/T600	TAH11
FL6U-28	Motorola GSM – most models have a jack on the side -	-
FL6U-28	Nokia 3210/3310/3330/3410/3510/3510i/3650/5210/5510/6510/7650/8210/8310/8850/8890/8910	TAH02
FL6U-28	Nokia 5100/6100/6610/6650/6800/7210/7250	TAH03
FL6U-48	Nokia 5110/5130/6110/6150/6210/6310/6310i/7110	TAH01
FL6U-28	SonyEricsson K310i, K610i, K750i, W800i, W550i, W900i, P990 and more	TAH12

Contact 3M for more cable options

Standard Adapters

Product code	Communication radio	Product code	Communication radio
FL5001	Peltor™ "standard"	FL5062	Motorola TETRA MTH800 / MTP850
FL5005	Ericsson Freeset, Tateco CTS900 (2.5 mm plug)	FL5063	Motorola Mototrbo DP 3400
FL5010	ICOM IC, Alan, Zodiac (straight connector), Yaesu, Alinco	FL50-T9088	ICOM IC-M1 / M71
FL5014	Motorola CP476, GP300	FL50-T9121	ICOM IC-A5 /A23
FL5017	Motorola Visar (GP344, GP388 with Motorola's adapter PMLN4455A)	FL50-T9139	ICOM IC-F34/F44
FL5018	Motorola GP900, HT1000, MT2000, XTS2500, XTS5000	FL50-T9140	Vertex VX 160 / 400
FL5019	Motorola Expo, Maxon Slim line	FL50-T9143	Motorola GP328+, 344, 388
FL5030	Motorola GP340, GP320, GP328, GP339	FL50-T9148	Vertex VX 820, 920
FL5034	ICOM IC-F3GS, IC-F3GT, IC-F4GS, IC-F4GT (angled connector)	FL50-T9150	Vertex HX370
FL5035	Kenwood TK3101, Funkey	FL5046	ICOM A6/A22
FL5042	Nokia TETRA THR880/ EADS TETRA THR880i	FL50101	Sepura Tetra STP8000
FL5044	ICOM F31/F41 F51/F61	FL50-T9107	Kenwood TK 80, 290, 380
FL5058	Sepura TETRA SRP2000 / SRH3*00	FL50-T9159	ICOM IC-M33
FL5061	Sailor SP3510, SP3520		

Intrinsically Safe Adapters

(IECEx EEx ib IIC T4)

Product code	Communication radio
FL5205	Tateco CTS900,Ericsson Freeset
FL5212	Motorola MX1000, MX2000, MX3000
FL5214	Motorola GP300 / Radius P110
FL5216	Ericsson P50/500
FL5218	Motorola HT1000, MT2000, GP900, GP1200, XTS2500, XTS5000 (ATEX EX Il 2 G EEx ib IIC T4)
FL5230	Motorola GP320/340
FL5245	TP8000 Atlantis

WS Adapters

(Bluetooth™)

Product code	Communication radio
FL6007-WS5	Ground Mechanic adapter
FL6010-WS	ICOM IC, Alan, Zodiac (straight connector)
FL6014-WS	Motorola GP300, CP040, Radius P110
FL6018-WS	Motorola HT1000, MT2000, GP900
FL6030-WS	Motorola GP320/340
FL6034-WS	ICOM IC-F3GS, IC-F3GT, IC-F4GS, IC-F4GT (angled connector)
FL6035-WS	Kenwood TK 3101 Funkey
FL6042-WS	Nokia TETRA THR880 / EADS TETRA THR880i
FL6044-WS	ICOM F31/F41 F51/F61
FL6048-WS	ICOM IC-M1, IC-M90
FL6077-WS5	Flex Connector

Ground Mechanic Adapters

(Hi visibility)

Product code	cable	connector
FL5006-GB	Hi-Viz 3,0 - 6,0 m	Original plug PJ051B
FL5006-02 GB	Hi-Viz 3,0 - 6,0 m	Peltor Moulded
FL5006-03 GB	Hi-Viz 3,5 - 10,0 m	Peltor Moulded, switch hotmic
FL5008 GB	Hi-Viz 6,5 m	Original plug PJ051B
FL5008-02 GB	Hi-Viz 3,0 m	Peltor Moulded

Lite-Com Cables

(Connection cords for external communication equipment)

Product code	Communication radio
FL6BR	For use with Peltor™ FL5000 adapters, with J11 connector (Nexus TP-120)
FL6BS	Connector cord with 2-pole 2.5 mm connector. For listening.
FL6BT	Connector cord with 2-pole 3.5 mm connector. For listening.
FL6CS	Connector cord with 3-pole 2.5mm connector for use with DECT and mobile phones
FL6CT	Connector cord with a 3-pole 3.5mm stereo connector. For listening to MP3 etc

Audio Cables

(Connection cords for audio devices)

Product code	Communication radio
FL6H	3.5 mm mono jack
FL6M	2.5 mm mono jack
FL6N	3.5 mm stereo jack (MP3 players)
WTDSC	3.5 mm stereo jack (Worktunes Digital only)

Accessories

Headsets	Hygiene kit	Wind shield surround microphone	Wind protection speech microphone
Non Attenuation	HY02	–	M40/1, M42/1
High Attenuation Standard	HY79	–	M40/1, M42/1
High Attenuation Twin Cup	HY13	–	M40/1, M42/1
High Attenuation Flex Lead	HY79	–	M995
High Attenuation WS Bluetooth™	HY79	–	M995
High Attenuation ATEX	HY79	–	M40/1, M42/1
High Attenuation Aviation MT52 mic.	HY79	–	M40/1, M42/1
High Attenuation Aviation MT51 mic.	HY79	–	M995
High Attenuation Ground Mechanics H79 cup	HY79	–	M40/1, M42/1
High Attenuation Ground Mechanics H540 cup	HY13	–	M995
Listen Only			
High Attenuation	HY79	–	
High Attenuation ATEX	HY79	–	
LiteCom			
Lite-Com Plus	HY79	M60/2	M995
Lite-Com Pro II	HY79	M60/2	M995
Tactical			
SportTac	HY21	210100-** (complete shells)	
ProTac II	HY79	M60/2	M995
WS ProTac XP	HY79	M60/2	M995
ComTac XP	HY68 (sv)	M60/2	M40/1, M42/1
Tactical XP	HY79	M41/2	st headset M40/1, Flex M995
WorkStyle			
Worktunes Plus	HY79	M60/2	M40/1
Worktunes Digital	HYWTD	-	-

M42/1

M60/2

HY79

Accessories

Product code	Description
FP9007	Headset bag
HYM1000	Mike protector 5m
HY100A	Hygiene pads 100's
TK52	PTT with J22
TK54	PTT with J22, 1,6 m cable
TK57-01/1	Finger PTT with J22, 1,0 m cable
MT9	Throat microphone, dynamic
MT91-50	Throat microphone, dynamic, ATEX
FL5602	External PTT
FL5602-50	External PTT (IECEx Ex ia IIC T4)
FR03AU	Charger for NIMH Battery
ACK03	Rechargeable Battery NIMH 2.4V
MT52 900	Replacement Dynamic Mic
MT53N-12 900	Replacement Electret Mic
FR08	Lite-Com Plus Power Supply
AL2A1	Lite-Com Plus Charging Cable
ACK081	Lite-Com Plus Rechargeable Battery

FP9007

TK54

FL5602

TK57-01/1

MT91-50

FL5602-50

FR03AU

ACK03
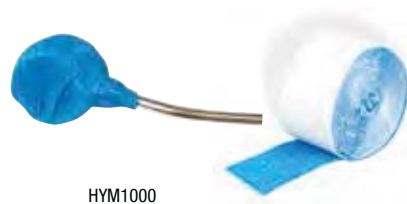
HYM1000

Peltor™ Key Markets

Military/Police

Peltor™ ComTac™ XP

Peltor™ PTT FL50**

Oil & Gas

Peltor™ Twin Cup
Intrinsically safe

Peltor™ Standard
Intrinsically safe

Peltor™ PTT
Intrinsically safe

Construction

Peltor™ Lite-Com™ Plus

Peltor™ WS ProTac™ XP

Peltor™ Worktunes™ Digital

Maunufacturing

Peltor™ Oratac™

Peltor™ Flex Headset

Peltor™ Lite-Com™ Plus

Aviation

Peltor™ Ground Mechanic
Standard

Peltor™ WS ProTac™ XP GB

Peltor™ WS Adapter

Hunting & Shooting

Peltor™ SportTac™

Peltor™ Pro-Tac™ II

Peltor™ WS ProTac™ XP

3M/Peltor Communications Solutions

Warranty

3M warrants that all of its Peltor™ communications solutions and accessories will be free of defects in workmanship and materials under the terms of the limited warranty for the period of 24 months from date of purchase.

Conditions of Warranty

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be acceptable quality and the failure does not amount to a major failure. In the case of a warranty claim, a copy of the receipt with date of purchase, along with a description of the fault must be enclosed.

Repaired or replaced products shall, with respect to the fault or to the new product, be warranted for the remaining time of the original warranty period or for ninety (90) days from the date of repair, whichever is longer. Repair or replacement may involve the use of equivalent reconditioned parts.

To Obtain Warranty Service

Should your Peltor™ solution require service during the limited warranty period, contact 3M TechAssist Helpline on 1800 024 464 (AU) or 0800 346 357 (NZ).

Limited Warranty Exclusions

The limited warranty excludes failure resulting from:

- Improper use of equipment
- Repair, alteration or modification of the product by anyone other than a 3M Authorised Service Provider
- Accident, abuse, neglect, fire, water, lightning or other acts of nature
- Causes external to the product(s)
- Breakage or physical damage to the equipment
- Hygiene kits and batteries are not covered by the warranty.
- Other factors beyond the control of 3M.

Disclaimer of Warranty

Upon receipt and inspection, should 3M determine that your product is not covered by the stated warranty, you will be notified immediately and advised of fees and charges that may apply.

Notes

Hearing
Protection Solutions
Made Innovatively Easy

detection

Detecting and monitoring noise exposures in the workplace is the first step to ensure your workforce is protected. 3M's accurate, reliable, and flexible instrumentation coupled with powerful software is the innovative solution for your noise detection challenge.

protection

It is critical to select hearing protectors that your employees are motivated to wear. 3M has a broad selection of hearing protectors for a wide range of environments. Trouble fitting your earplugs? Need to communicate in noise? Dirty hands? Hot, humid conditions? These are just a few of the many challenges that 3M's innovative products can help solve for you.

validation

3M™ E-A-Rfit™ Validation System utilizes F-MIRE technology to measure and obtain an objective, quantitative level of employee hearing protection in just 10 seconds per ear. Workers receive their own personal attenuation rating (PAR) and learn how correctly fitting their earplugs increases their level of protection.

3M customers can also contact 3M TechAssist on
1800 024 464 (AU)   0800 364 357 (NZ)
to answer questions on product information, technical advice and guidance with product selection.

⚠WARNING

Hearing Protection Products*

These hearing protectors help reduce exposure to hazardous noise and other loud sounds. **Misuse or failure to wear hearing protectors at all times that you are exposed to noise may result in hearing loss or injury.** For proper use, see supervisor, User Instructions, or call the 3M Personal Safety Technical Service team. If there is any drainage from your ear or you have an ear infection, consult with your physician before wearing earplugs. Failure to do so may result in hearing loss or injury.

Choking Hazard—Keep away from infants and small children.

3M

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