

A man in a factory setting is shown in profile, wearing a bright green safety helmet and clear safety glasses. He is wearing a black 3M PELTOR LiteCom headset with a microphone and a boom. He is also wearing a high-visibility yellow safety vest over a blue shirt. The background shows industrial machinery and a factory floor.

**3M**

**PELTOR™**

# 3M™ PELTOR™ LiteCom Headset series

Maintain production and  
communication at distance.

# 3M™ PELTOR™ LiteCom Headset series

## The Sound Solution

First-class communication and hearing protection! There was a time when wearing hearing protectors meant being isolated and out of contact. Those days are over. Today, 3M™ PELTOR™ offers first-class communication solutions that not only make your working day safer and more efficient, but also much nicer!

3M™ PELTOR™ products are developed for all environments where high safety must be combined with communication. Industrial environments, construction sites, agriculture and forestry are a few examples.

We have developed several models to ensure there's a 3M™ PELTOR™ Headset for every situation. Headband models for all-round use, and models with helmet attachments for people who wear safety helmets at work.

To ensure easy use of our products and good functions for all environments we use advance technology such as Level Dependent technology and Bluetooth®.



Oil and gas



Mining



Hunting and sport shooting



Airport ground handling



Military and law enforcement



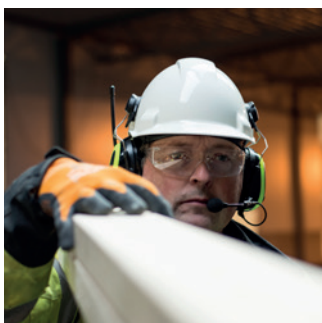
Energy and utilities



Transportation



Industry



Construction

# 3M™ PELTOR™ LiteCom Headset series

## The importance of wearing hearing protection 100% of time exposed



100% usage  
Gives the expected protection.



99% usage  
Just five minutes of carelessness per day significantly reduces the effect of the hearing protector.



90% usage  
Virtually no protection.

### Safety

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. The 3M™ PELTOR™ Communication Solutions encourage longer use because the wearer feels less isolated and can communicate with others more easily.

### Function symbols

To help you to understand the functionality of the products you will find below symbols on each product page.



Hearing protection with level-dependent function for ambient listening



Hearing protection that features Bluetooth® technology, for wireless connection to mobile phone, or communication radio



Hearing protection with built-in two-way radio



Hearing protection with built-in FM radio receiver



Hearing protection with external audio input



Hearing protection for communication with external two-way radio

### Essential products and functions



3M™ PELTOR™ LiteCom



3M™ PELTOR™ LiteCom Plus



3M™ PELTOR™ WS™ LiteCom Plus





# 3M™ PELTOR™ LiteCom Headset series

## 3M™ PELTOR™ LiteCom

With 3M™ PELTOR™ LiteCom communicating in noisy environments has been made easy – and safe. LiteCom is a tough and rugged headset designed to cope with demanding use in many different working environments.

The built-in two-way radio has got 8 channels with 38 subchannels, and has a range of up to 3km. It lets you talk hands-free and work safely regardless of harmful noise levels.



### Features and Benefits:

- Hearing protector (SNR : 32dB)
- Pre-programmed analog two-way radio integrated
- 8 channels in the PMR 446MHz band
- 38 subchannels
- Range of up to 3km depending on conditions
- Voice operated transmission (VOX)
- Auto power off function
- Battery status indication
- Voice guided menu system



**3M™ PELTOR™ LiteCom**  
MT53H7A4400-EU Headband  
SNR: 32dB

### Other 3M™ PELTOR™ LiteCom options



**3M™ PELTOR™ LiteCom**  
MT53H7B4400-EU Neckband  
SNR: 32dB



**3M™ PELTOR™ LiteCom**  
MT53H7P3E4400-EU Helmet attachment  
SNR: 33dB

**Frequency range:** 446 MHz (PMR)  
**Battery Type:** 2X AA 1.2–1.5 V batteries or NiMH (2,4 V)  
**Operating time:** Approximately 20 hours of battery lifetime with included alkaline batteries

**Net Weight (incl. batteries):** 394g (headband)  
418g (helmet att.)  
384g (neckband)

**Operating temperature:** -20°C to +55°C (battery dependent)

**3M™ PELTOR™ accessories**  
HY79 Hygiene kit  
ACK053 Rechargeable battery  
FR08 Power supply  
FR09 Battery charger  
MT53N-12 Electret microphone

### Attenuation\*

MT53H7A4400-EU Headband

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18.1	24.3	32.1	36.2	34.7	39.2	36.0
Standard Deviation (dB)	2.4	1.7	2.2	2.6	3.6	3.3	2.4
Assumed Protection (dB)	15.6	22.6	29.9	33.6	31.1	35.9	33.6

SNR=32dB H=33dB, M=30dB, L=23dB

\* For further attenuation information please visit [www.3M.eu/PPEsafety](http://www.3M.eu/PPEsafety)

# 3M™ PELTOR™ LiteCom Headset series

## 3M™ PELTOR™ LiteCom Plus

3M™ PELTOR™ LiteCom Plus is based on LiteCom robust design with a number of added features. A built-in communication radio allows two-way conversation on up to 16 channels, and has a range of up to 3,000 meters. This is a fully integrated headset without any exposed cords. It lets you talk hands-free and work safely regardless of harmful noise levels. Active level-dependent filtering of ambient sound ensures you are not isolated from your immediate surroundings, but can still hear alarms, unexpected sounds and calls for help.



### Features and Benefits:

- Hearing protector (SNR : 33dB)
- Pre-programmed analog two-way radio integrated
- Connect different devices (radio, mobile phone) via Bluetooth® Multi-Point
- 16 channels in the PMR 446 MHz band and 121 subchannels
- IP54 certified
- Range of up to 3km depending on conditions
- Level dependent technology for situational awareness
- A separate audio input enables connecting equipment such as mobile phones or external two-way radios
- Voice operated transmission (VOX)
- Auto power off function
- Voice guided menu system
- Noise cancelling waterproof microphone (IP68)

#### Connects with

- Two-way radio (via flex cable)

#### Attenuation\*

MT73H7A441EU Headband

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17,1	25,6	34,5	36,6	39,6	38,3	38,3
Standard Deviation (dB)	2,4	1,2	3,0	2,8	2,1	3,0	3,1
Assumed Protection (dB)	14,7	24,4	31,5	31,7	34,5	36,6	35,2

SNR=33dB H=35dB. M=31dB. L=24dB

MT73H7P3E4410EU Headband

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	18,9	23,8	30,2	35,9	34,5	33,9	33,9
Standard Deviation (dB)	3,7	3,3	3,6	2,4	3,1	4,1	3,8
Assumed Protection (dB)	15,2	20,5	26,6	33,5	31,4	31,4	30,1

SNR=31dB H=32dB. M=29dB. L=21dB

\* For further attenuation information please visit [www.3M.eu/PPESafety](http://www.3M.eu/PPESafety)



Compatible with HY80 Gel rings



**3M™ PELTOR™ LiteCom Plus**  
MT73H7A4410EU Headband  
SNR: 33dB

**Other 3M™ PELTOR™ LiteCom Plus options**



**3M™ PELTOR™ LiteCom Plus**  
MT73H7P3E4410EU  
Helmet attachment  
SNR: 31dB

<b>Frequency range:</b>	PMR 446MHz
<b>Battery Type:</b>	Rechargeable Li-Ion battery included
<b>Operating time:</b>	Approximately 20 hours
<b>Net Weight (incl. batteries):</b>	449g (headband) 472g (helmet att.)
<b>Operating temperature:</b>	-20°C to +50°C (battery dependent)

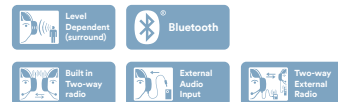
#### 3M™ PELTOR™ accessories

ACK081	Battery
FR08	Power supply
AL2A1	Charging cable for ACK081
HY83	Hygiene kit
HY80	Gel Rings
HYM1000	Mic Tape

# 3M™ PELTOR™ Communication Solutions

## 3M™ PELTOR™ WS™ LiteCom Plus

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.



### Features and Benefits:

- Hearing protector
- Built-in two-way radio communication
- Connect different devices (radio, mobile phone) via Bluetooth® Mutli-Point
- 16 channels in the PMR 446 MHz band and 121 subchannels
- IP54 certified
- Range of up to 3km depending on conditions
- Level dependent technology for situational awareness
- A separate audio input enables connecting equipment such as mobile phones or external two-way radios
- Voice operated transmission (VOX)
- Auto power off function
- Voice guided menu system
- Noise cancelling waterproof microphone (IP68)

### Connects with

- Bluetooth compatible devices
- Two-way radio (via flex cable or Bluetooth®)

### Attenuation\*

MT73H7B4410WS6EU Headband

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	14.9	24.0	32.7	32.5	36.2	40.4	39.1
Standard Deviation (dB)	2.5	2.0	3.2	2.8	3.4	3.9	3.2
Assumed Protection (dB)	12.4	22.0	29.5	29.7	32.8	36.5	35.9

SNR=31dB H=34dB. M=29dB. L=21dB

MT73H7B4310WS6EU Headband

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	14.6	22.7	33.5	36.9	37.5	41.7	39.3
Standard Deviation (dB)	2.2	1.9	2.3	3.1	4.0	2.7	1.8
Assumed Protection (dB)	12.4	20.8	31.2	33.8	33.5	39.0	37.5

SNR=32dB H=36dB. M=30dB. L=21dB

\* For further attenuation information please visit [www.3M.eu/PPEsafety](http://www.3M.eu/PPEsafety)



Compatible with HY80 Gel rings

**3M™ PELTOR™ WS™ LiteCom Plus**  
MT73H7A4410WS6EU Headband  
SNR: 33dB

**Other 3M™ PELTOR™ WS™ LiteCom Plus options**



**3M™ PELTOR™ WS™ LiteCom Plus**  
MT73H7B4410WS6EU Neckband  
SNR: 31dB



**3M™ PELTOR™ WS™ LiteCom Plus**  
MT73H7P3E4410WS6EU Helmet attachment  
SNR: 31dB

**Frequency range:** PMR 446MHz or LPD 433MHz

**Bluetooth® Version:** 2.1+EDR

**Battery Type:** Rechargeable battery pack included or 2x standard AA batteries

**Operating time:** Approximately 18 hours

**Net Weight (incl. batteries):** 449g (headband)  
434g (helmet att.)  
434g (Neckband)

**Operating temperature:** -20°C to +50°C (battery dependent)

**3M™ PELTOR™ accessories**  
ACK081 Battery  
FR08 Power supply  
AL2AI Charging cable for ACK081  
HY83 Hygiene kit  
HY80 Gel Rings  
HYM1000 Mic Tape

# 3M™ PELTOR™ LiteCom Headset series

## 3M™ Versaflo™ Helmets M-300 Series with 3M™ PELTOR™ LiteCom solutions

M-300 Series Helmets meet the highest powered respirator performance requirements (TH3) for this type of product when used with specific 3M™ Air Delivery Units. Now approved to be used with 3M™ PELTOR™ LiteCom headsets, M-300 Helmets offer you the possibility to communicate effectively whilst protecting your hearing in noisy environments.

### Features and Benefits:

#### Highly versatile rigid headtops

- Head protection approved according to EN 397
- Integrated protection from multiple hazards (e.g. respiratory, impact, splash hazards)

#### Modern, well balanced design

- Lightweight with excellent balance
- Fully-adjustable head suspension
- A deflector allows users to direct the airflow inside the headtop for increased control and comfort

#### Visor design

- Visor design combines excellent peripheral and downward vision with good optical clarity
- Lenses provide chemical and scratch resistance

#### Typical applications

- Smelting and foundry applications
- Grinding
- Chemical processing and plant maintenance
- Agricultural applications
- Construction and renovation
- Demolition

#### Electronic Protectors

Size Ranges: S = Small, M = Medium, L = Large

Helmet model	Wedge	Product number	Description	Size
Versaflo™ M-306 or M-307 Helmet	Z3AF	MT**H79P3*	3M™ PELTOR™ Helmet Att. Headsets, Product numbers beginning with MT7H or MT53H except model number ending in -77	M/L
		MT7H540P3*	3M™ PELTOR™ Twin Cup Headsets, Helmet attached, except model number ending in -77	M/L
		MT*H7P3*	Helmet attached WS™ ProTac XP, WS™ Headset XP, Tactical XP, LiteCom, WS™ LiteCom, LiteCom PRO II, LiteCom Plus product numbers beginning with MT7H or MT53H	M/L



Note: 3M does not accept responsibility or liability, direct or consequential, arising from reliance upon any information provided and the user should determine the suitability of the products for their intended use. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence or fraudulent misrepresentation.

#### 2 options of built-in microphones:

- Dynamic
- Electret



3M™ PELTOR™  
MT53V/1  
(ELECTRET)



3M™ PELTOR™  
MT7V/1  
(DYNAMIC)



reddot design award  
honourable mention 2011



**3M Belgium BVBA / SPRL**  
Hermeslaan 7  
1831 Diegem  
België / Belgique  
E-mail: 3Msafety.be@mmm.com  
www.3Msafety.be

**3M Danmark**  
Hannemanns Allé 53  
2300 København S  
Danmark  
E-mail: 3Msikkerhed@mmm.com  
www.3Msikkerhed.dk

**3M Deutschland GmbH**  
Carl-Schurz-Straße 1  
D - 41453 Neuss  
Deutschland  
E-mail: arbeitsschutz.de@mmm.com  
www.3Marbeitsschutz.de

**3M España, S.A.**  
Juan Ignacio Luca de Tena, 19-25  
28027 Madrid  
España  
E-mail: ohes.es@3M.com  
www.3M.com/es/seguridad

**3M France**  
1 Parvis de l'innovation CS 20203  
95006 Cergy Pontoise  
France  
www.3M.com/fr/securite

**3M Greece**  
3M Ελλάς Μ.Ε.Π.Ε.  
Κηφισίας 20  
15125, Μαρούσι  
Ελλάς  
www.3M.com/gr/occsafety

**3M Ireland Limited**  
The Iveagh Building  
Carrickmines Park  
Carrickmines  
Dublin 18  
E-mail: ohes.helpline.uk@mmm.com  
www.3M.co.uk/safety

**3M Italia srl**  
Via Norberto Bobbio, 21  
20096 Pioltello MI  
Italia  
E-mail: 3Msicurezza@mmm.com  
www.3Msicurezza.it

**3M Nederland B.V.**  
Molengraaffsingel 29  
2629 JD Delft  
Nederland  
E-mail: 3Msafety.nl@mmm.com  
www.3Msafety.nl

**3M Norge A/S**  
Postboks 100, 2026 Skjetten  
Norge  
E-mail: kundeservice@mmm.com  
www.3M.no/vern

**3M Österreich GmbH**  
Kranichberggasse 4  
1120 Wien  
Österreich  
www.3M.com/at/arbeitsschutz

**3M Portugal**  
Rua do Conde Redondo, 98  
1169-009 Lisbona  
Portugal  
www.3M.com/pt/segurança

**3M Suisse S.a r.l. / Schweiz GmbH**  
Eggstrasse 93  
8803 Rüslikon  
Suisse / Schweiz  
www.3M.com/ch/safety

**Suomen 3M Oy**  
Keilaranta 6  
02150 Espoo  
Suomi  
www.3M.fi/suojaimet

**3M Svenska AB**  
191 89 Sollentuna  
Sverige  
E-mail: kundservice@mmm.com  
www.3M.se/personskyyd

**3M United Kingdom PLC**  
3M Centre  
Cain Road  
Bracknell  
RG12 8HT  
United Kingdom  
E-mail: ohes.helpline.uk@mmm.com  
www.3M.co.uk/safety

### **3M Personal Safety Division**

**EMEA Region**  
3M Centre, Cain Road  
Bracknell, Berkshire, RG12 8HT  
United Kingdom  
Office: +44 (0)1344 858000  
www.3M.eu/PPESafety

Please recycle. Printed in the UK. © 3M 2020. 3M and PELTOR, ProTac, Torque, UltraFit, Versaflo, WorkTunes and WS are trademarks of 3M Company. Bluetooth is a registered trademark of Bluetooth sig, Inc. All rights reserved. OMG101722

