

**PELTOR™**

The Sound Solution

**NEW**

# Simple Communication



## 3M™ Peltor™ LiteCom™ Plus

The safe way to be heard, and get things done

The 3M Peltor LiteCom Plus headset is robustly designed incorporating a number of work-enhancing features. Engineered for continuous use in the most demanding environments, the headset operates wirelessly with an integrated communication radio allowing two-way conversation on up to 8 channels, each with 121 sub channels. With a range of up to 1,000 metres, it allows you to talk hands-free while working safely in harmful, high level noise. Active level-dependent filtering of ambient sound ensures you are not isolated from your immediate surroundings, enabling the user to hear alarms, unexpected sounds and calls for help.



Built in two-way radio



External audio input



Level dependent function for ambient listening



[www.3M.co.uk/safety](http://www.3M.co.uk/safety)

**3M**

## 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 two-way radio solutions in the LiteCom™ series encourage longer use because the wearer feels less isolated and can communicate with others more easily.

## Smart safety

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.

## You and the world

3M™ Peltor™ LiteCom Plus has a separate input for connecting equipment such as mobile phones or external two-way radios. This makes you more accessible and permits worldwide communication. The headset manages incoming calls from your mobile phone in the same seamless way as calls on your two-way radio. Meanwhile you can listen to your favorite streamed music or podcasts, all in first-class sound quality.

## Convenient hearing protection

A hearing protector only provides protection when you are wearing it, so to avoid the need to remove the headset unnecessarily, all settings and controls are designed to be intuitively simple. To conserve the battery the headset switches itself off automatically if it is inactive for more than two hours. You are notified of battery status every time the headset is turned on.

## Connect automatically

As soon as you talk into the microphone the chosen channel is opened in milliseconds, so other users can hear you regardless of the noise level, immediately. The microphone software is programmed only to pick up speech, effectively filtering out all other sounds.

## Attenuation

### MT7H7A4410-EU, MT7H7A4310-EU

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	21.2	20.2	26.7	35.0	37.4	35.7	40.4	38.9
Standard Deviation (dB)	4.1	3.1	3.1	2.6	2.1	3.0	2.9	2.1
Assumed Protection (dB)	17.1	17.1	23.6	32.4	35.3	32.7	37.5	36.8

SNR=34dB H=35dB M=32dB L=25dB

### 3M Personal Safety Division

3M United Kingdom plc  
3M Centre  
Cain Road, Bracknell  
Berkshire RG12 8HT  
Tel: 0870 60 800 60  
www.3M.co.uk/safety  
www.facebook.com/3MPeltor

3M Ireland Limited  
The Iveagh Building  
The Park  
Carrickmines  
Dublin 18  
Tel: 1 800 320 500

Please recycle.  
Printed in the  
United Kingdom.  
© 3M 2013.  
All rights reserved.



## Specifications

<b>Frequency range:</b>	446 MHz (PMR)
<b>Channels:</b>	Max 8
<b>Subchannels:</b>	121
<b>Microphone type:</b>	Noise cancelling Dynamic (MT7)
<b>Output power:</b>	High power: 200 mW Low power: 25 mW (MT7H7*4310-EU: 10 mW)
<b>Range:</b>	Up to 1 km depending on conditions
<b>Battery type:</b>	3,7V Lithium-ion ACK081
<b>Operating time:</b>	20 hours
<b>Operating temperature:</b>	-20°C to +55°C
<b>Storage temperature:</b>	-40°C to +55°C
<b>Attenuation (SNR):</b>	Headband: 34dB Helmet attachment: 33dB Neckband: 33 dB
<b>Weight (incl. batteries):</b>	464 g (headband), 491 g (helmet att.), 453 g (neckband)

## Product Range & Accessories

Description	3M Product No
MT7H7A4410-EU LiteCom Plus, PMR 446, headband	XH001680467
MT7H7P3E4410-EU LiteCom Plus, PMR 446, helmet attachment	XH001680475
MT7H7B4410-EU LiteCom Plus, PMR 446, neckband	XH001680483
HY79 Hygiene kit	XH001651047
MT7N-02 Dynamic microphone	XL001634069
ACK081 Battery	XH001680541
AL2AI Charging cable	11003074017
FR08 Power supply	XH001680194
M60/2 Wind protection for microphones	XH001652532
FL6CS cable with 2.5 mm stereo connector	XH001652052
FL6CT cable with a 3.5 mm mono connector	XH001652060