

**PELTOR™**

The Sound Solution

**NEW**

# Simple Communication

## 3M™ Peltor™ LiteCom™ Safe noise reduction, effective communication

Communicating in noisy environments has never been easier – or safer. The 3M Peltor LiteCom headset is ruggedly designed to cope with demanding use in many different working environments. With wireless operation the integrated radio allows a two-way conversation on up to 8 channels, each with 38 sub channels and has a range of up to 1,000 metres. It lets you talk hands-free and work safely regardless of harmful noise levels.

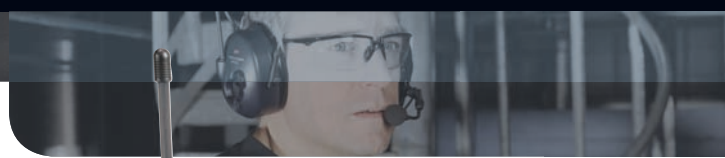


Built in two-way radio



[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 removing it for a short time dramatically reduces its effectiveness and greatly increases the risk of hearing damage. The two-way radio in the 3M™ Peltor™ LiteCom™ model encourages longer use because the wearer feels less isolated and can communicate with others more easily.

## 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. A voice guides you through the menu. 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 you turn the headset 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. The microphone software is programmed only to pick up speech and effectively filters out all other sounds.

## Attenuation

### MT53H7A4400-EU

Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Mean Attenuation (dB)	17.9	18.1	24.3	32.1	36.2	34.7	39.2	36.0
Standard Deviation (dB)	2.5	2.4	1.7	2.2	2.6	3.6	3.3	2.4
Assumed Protection (dB)	15.4	15.6	22.6	29.9	33.6	31.1	35.9	33.6

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



## Specifications

<b>Frequency range:</b>	446 MHz (PMR)
<b>Channels:</b>	max 8 (PMR)
<b>Subchannels:</b>	38
<b>Microphone type:</b>	Noise cancelling Electret (MT53)
<b>Output power:</b>	150 mW
<b>Range:</b>	Up to 1 km depending on conditions
<b>Battery type:</b>	2 AA alkaline (3,0V) or NiMH (2,4V)
<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: 32dB Helmet attachment: 33dB Neckband: 32 dB
<b>Weight (incl. batteries):</b>	394 g (headband), 418 g (helmet att.), 384 g (neckband)

## Product Range & Accessories

Description	3M Product No
MT53H7A4400-EU LiteCom, PMR 446, headband	XH001680434
MT53H7P3E4400-EU LiteCom, PMR 446, helmet attachment	XH001680442
MT53H7B4400-EU LiteCom, PMR 446, neckband	XH001680459
HY79 Hygiene kit	XH001651047
ACK053 Rechargeable battery	XH001680608
FR08 Power supply	XH001680194
FR09 Battery charger	XH001680616
MT53N-12 Electret microphone	XL001633814
1180 SV Battery cover	XL001600565
HY100A Single-use protectors	XH001651351
HYM1000 Microphone protector	XH001651328
M995 Wind shield for electret microphone	11003066252



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