



3M™ PELTOR™ WS™ LiteCom Pro III Headset EMEA



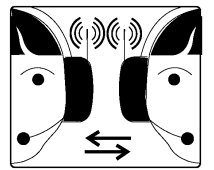



Product Description

The 3M™ PELTOR™ WS™ LiteCom Pro III Headset is the next generation protective communication solution. With an integrated, programmable analog/digital two-way radio, Bluetooth® Multipoint connectivity, noise-cancelling microphone, and level-dependent function for ambient listening, the WS™ LiteCom Pro III Headset not only helps protect you against hazardous noise, but also makes it easy to communicate in noisy environments and helps you maintain situational awareness.

Key Features

- Programmable analog/digital DMR two-way radio communication
- Bluetooth® multipoint functionality
- Water tight microphone (IP68)
- Level-dependent function for ambient listening
- Voice menu with multiple language selection
- Push-to-Listen function
- Rechargeable battery, Li-Ion
- Voice operated transmission (VOX)
- Busy channel indication
- External connection jack
- Auto power off function
- Battery status indication
- Digital two way radio according to DMR standard.

| | | | |
|---|---|---|---|
|  |  |  |  |
| Bluetooth® technology | External jack for communicating with external communication devices | Hearing protection with built-in two-way radio | Level-dependent function for ambient listening to help improve auditory situational awareness |

Applications

The 3M™ PELTOR™ WS™ LiteCom Pro III Headset offers wireless communication in noisy environments. Suitable for work in industrial and construction applications, where hands-free communication and hearing protection are needed.

Standards and Approvals

Hereby, 3M Svenska AB declares that the product is in compliance with appropriate directives or regulations to fulfill the requirements for the CE and/or UKCA marking.

The full text of the EU declaration of conformity is available at the following internet address: www.3M.com/PELTOR/DOC. A copy of the declaration of conformity and additional information required in the directives or regulations can also be obtained by contacting 3M in the country of purchase.

Models

Table 1:

| Article number | Description | 3M ID | SAP ID |
|-----------------|---|-------------|------------|
| MT73H7A4D10EU | 3M™ PELTOR™ WS™ LiteCom Pro III Headset, 403-470 MHz, Analog/Digital, EU version, Headband | UU008013599 | 7100098910 |
| MT73H7P3E4D10EU | 3M™ PELTOR™ WS™ LiteCom Pro III Headset, 403-470 MHz, Analog/Digital, EU version, Helmet attachment | UU008014241 | 7100098974 |
| MT73H7B4D10EU | 3M™ PELTOR™ WS™ LiteCom Pro III Headset, 403-470 MHz, Analog/Digital, EU version, Neckband | UU008013607 | 7100098956 |

Accessories and Spare Parts

Table 2:

| Article number | Description | 3M ID | SAP ID |
|----------------|--|-------------|------------|
| MT9-02 | 3M™ PELTOR™ Throat microphone for WST™ LiteCom Pro III Headset | UU013773062 | 7100379897 |
| ACK081B | 3M™ PELTOR™ Rechargeable Li-Ion battery pack (only for WST™ LiteCom Pro III, Non Ex) | UU013044324 | 7100330766 |
| AL2AI/SP | 3M™ PELTOR™ Charge cable for ACK081 | UU004895189 | 7100088372 |
| FR08 | 3M™ PELTOR™ Power Supply for AL2AI | XH001680194 | 7000108521 |
| FL4602-50 | 3M™ PELTOR™ External PTT for WST™ LiteCom Pro III Headset | UU013659022 | 7100373570 |
| M60/2 | 3M™ PELTOR™ Wind shield for surround mic | XH001652532 | 7000039650 |
| HY83 | 3M™ PELTOR™ Hygiene kit | UU008197921 | 7100113964 |
| HYM1000 | 3M™ PELTOR™ Hygiene tape for boom mic | XH001651328 | 7100064281 |
| M171/2 | 3M™ PELTOR™ Wind protector for mic, 2 pcs | UU008159483 | 7100112112 |
| FL6BR | 3M™ PELTOR™ Connecting cable for external PTT Adapter | XH001652029 | 7100016085 |
| MT7V/1 | 3M™ PELTOR™ Dynamic mic for Versaflo M300 serie | UU008014308 | 7100099097 |

Technical Data Specification

| Model | Weight (with ACK081B) |
|--------------------|-----------------------|
| Headband: | Approx. 490g |
| Neckband: | Approx. 475g |
| Helmet attachment: | Approx. 512 g |

Built-in Two-way Radio

| | |
|-----------------------------|---|
| Frequency range: | 403 – 470 MHz |
| Operation mode: | Half-duplex |
| Channel capacity: | 70 programmable channels |
| Channel spacing: | 12,5 kHz and 25 kHz |
| Modulation: | Analog: 2,5 kHz (FM) and 5 kHz (FM) Digital: 2,5 kHz (4-level FSK) |
| Receiver sensitivity: | Typical -120 dBm |
| Privacy Codes (subchannel): | 121 codes (CTCSS 38, DCS 83) |
| Output power: | 200 / 20 / 10 mW |
| Range: | Outdoors up to 2km depending on conditions |
| Operating temperature: | -20°C to +50°C |
| Microphone type: | Dynamic (MT73) |

Power

| | |
|---|---|
| Li-Ion battery: | ACK081B included in delivery |
| Charging time: | approx. 4 hours |
| Capacity: | 3,7 V, 2150 mAh, 8Wh |
| Operating time: *can be increased up to 17 hours with the power save feature | Up to 13 hours* (80 stby / 10 tx / 10 tx) |

Storage

| | |
|--------------------------------|--|
| Recommended storage condition: | -20°C to 40°C, <90% humidity |
| Recommended max. shelf life | 5 years, except the batteries, <1 year |

User limitation: Never modify or alter this product.

Included in the box:

- 1x3M™ PELTOR™ WS™ LiteCom Pro III Headset
- 1x Battery ACK081B
- 1x Hygiene kit HY83
- 1x User Instruction

Laboratory Attenuation (EN 352-1:2020)

Table 3: MT73H7A4D10EU

| f(Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | SNR |
|------------------------------|------|------|------|------|------|------|------|-----|
| Mean Value (dB) | 19.3 | 25.0 | 34.8 | 37.4 | 36.1 | 40.4 | 36.4 | 33 |
| Standard Deviation (dB) | 2.5 | 1.9 | 2.6 | 3.5 | 3.7 | 2.4 | 4.0 | |
| Assumed Protection Value(dB) | 16.8 | 23.1 | 32.2 | 33.9 | 32.4 | 38.0 | 32.4 | |

H=34 dB; M=32 dB; L=25 dB

Table 4: MT73H7B4D10EU

| f(Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | SNR |
|------------------------------|------|------|------|------|------|------|------|-----|
| Mean Value (dB) | 17.7 | 23.9 | 32.5 | 36.2 | 35.6 | 39.5 | 37.1 | 32 |
| Standard Deviation (dB) | 2.8 | 3.1 | 3.9 | 3.1 | 2.5 | 2.9 | 2.3 | |
| Assumed Protection Value(dB) | 14.9 | 20.8 | 28.6 | 33.1 | 33.1 | 36.6 | 34.8 | |

H=35 dB; M=30 dB; L=22 dB

Laboratory Attenuation (EN 352-3:2020)

Table 5: MT73H7P3E4D10EU

| f(Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | SNR |
|------------------------------|------|------|------|------|------|------|------|-----|
| Mean Value (dB) | 18.1 | 23.2 | 32.0 | 36.4 | 34.2 | 40.2 | 34.5 | 32 |
| Standard Deviation (dB) | 3.3 | 1.8 | 3.4 | 2.7 | 1.9 | 2.5 | 4.6 | |
| Assumed Protection Value(dB) | 14.8 | 21.4 | 28.6 | 33.7 | 32.3 | 37.7 | 29.9 | |

H=33 dB; M=30 dB; L=23 dB



WARNING

3M strongly recommends personal fit testing of hearing protectors. Research suggests that users may receive less noise reduction than indicated by the attenuation label value(s) on the packaging due to variation in fit, fitting skill, and motivation of the user. Refer to applicable regulations for guidance on how to adjust attenuation label values. In the absence of applicable regulations, it is recommended that the SNR be reduced to better estimate typical protection.



IMPORTANT

The 3M™ PELTOR™ WS™ LiteCom Pro III Headset operates on radio communication frequencies that may be subject to end-user licensing by local government agencies. The user is responsible for contacting the local government agency and obtaining any necessary licences prior to using the two-way communication radio.

Warranty and Important Notice

Warranty

The warranty does not cover any damage caused by neglected maintenance or careless handling. For more information on maintenance, please see the user instruction. For complete warranty condition, contact your dealer or local 3M office.

Important Notice

3M does not accept liability of any kind, be it direct or consequential (including, but not limited to, loss of profits, business and/or goodwill) arising from reliance upon any information herein provided by 3M. The User is responsible for determining the suitability of the products for their intended use. 3M acknowledges the respective Trademark Owners' rights in this literature.



3M Personal Safety Division
3M Svenska AB, Box 2341
SE-331 02 Värnamo
Sweden
www.3M.com/PELTOR
+46 370 65 65 00

Revision D

Please recycle. Printed in Sweden.
© 3M 2025. All rights reserved.
The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by 3M Company is under license.
3M and WS are trademarks of 3M Company, used under license in Canada. PELTOR is a trademark of 3M Svenska AB, used under license in Canada.