

Technical data sheet



Product: PELTOR WS LiteCom

Manufacturer: 3M DEUTSCHLAND GMBH

Product group: ARBEITSSCHUTZ

Article group: GEHÖRSCHUTZ

Download: 26.06.2026

3M™ PELTOR™ WS™ LITECOM PRO III GB

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|---|---|---|--|---|---|
|  |  |  |  |  |  |
| Bluetooth® technology for connection to one external device for hands free talk and streaming | Digital two way radio according to DMR standard. | External jack for communicating with external communication devices | Bluetooth® MultiPoint technology for connection to one or two external devices for hands-free talk and streaming | 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 High Visibility Headset offers wireless communication in noisy environments. Suitable for work in industrial, construction and ground handling 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 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: LiteCom Pro III GB Headset Models

| Article Number | Description | 3M ID | SAP ID |
|--------------------|---|-------------|------------|
| MT73H7A4D10EU GB | 3M™ PELTOR™ WS™ LiteCom Pro III GB Headset, Preprogrammed Analog/Digital, EU version, Headband | UU009283811 | 7100153423 |
| MT73H7P3E4D10EU GB | 3M™ PELTOR™ WS™ LiteCom Pro III GB Headset, Preprogrammed Analog/Digital, EU version, Helmet attach | UU009283829 | 7100153479 |
| MT73H7B4D10EU GB | 3M™ PELTOR™ WS™ LiteCom Pro III GB Headset, Preprogrammed Analog/Digital, EU version, Neckband | UU009283837 | 7100153481 |

Accessories and Spare Parts

| Article Number | Description | 3M ID Number | SAP ID Number |
|----------------|---|--------------|---------------|
| MT9-02 | 3M™ PELTOR™ Throat microphone for WS™ LiteCom Pro III Headset | UU013773062 | 7100379897 |

| Article Number | Description | 3M ID Number | SAP ID Number |
|----------------|---|--------------|---------------|
| ACK081B | 3M™ PELTOR™ Rechargeable Li-Ion battery pack (only for WS™ LiteCom Pro III, Non Ex) | UU013044324 | 7100330766 |
| AL2AI/SP | 3M™ PELTOR™ Charge cable for ACK081/ACK081B | UU004895189 | 7100088372 |
| FR08 | 3M™ PELTOR™ Power Supply for AL2AI | XH001680194 | 7000108521 |
| FL4602-50 | 3M™ PELTOR™ External PTT for WS™ 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, black | 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™ Connecting cable for external PTT Adapter Dynamic mic for Versaflo™ M300 Series | UU008014308 | 7100099097 |

Technical Data Specifications

Model Weight (with ACK081B)

- **Headband:** 490g
- **Folding headband:** 521 g
- **Helmet attachment:** 512 g
- **Neckband:** 475 g

Built-in Two-way Radio

- **Frequency range:** PMR 446 MHz
- **Operation mode:** Half-duplex
- **Channels:** 16 pre-programmed channels (Analog PMR); 16 pre-programmed channels (Digital PMR)
- **Channel spacing:** 12,5 kHz
- **Modulation:** Analog: FM; Digital: TDMA
- **Microphone type:** Dynamic (MT73)
- **Receiver sensitivity:** Typical -120 dBm
- **Privacy codes (subchannel):** 121 codes (CTCSS 38, DCS 83)
- **Output power:** 200 / 20 / 10 mW ERP
- **Range:** Outdoors up to 2 km depending on conditions
- **Operating temperature:** -20°C to +50°C

Power

- **Li-Ion battery:** ACK081B included in delivery
- **Charging time:** approx. 4 hours
- **Capacity:** 3.7 V, 2150 mAh, 8 Wh

- **Operating time:** up to 13 hours* 80 standby / 10tx / 10 rx

*up to 17 hours with the power save feature activated

Storage

- **Recommended storage conditions:** -20°C to 40°C, <90% humidity
- **Maximum product lifetime:** 5 years except the batteries, <1 year

User limitation: Never modify or alter this product.

In the Box

1 x 3M™ PELTOR™ WS™ LiteCom Pro III GB Headset

1 x Battery (ACK081B)

1 x Hygiene kit HY83

1 x User Instruction

Laboratory Noise Attenuation Standard EN 352-1:2020 and EN 352-3:2020

Table 2: MT73H7A4D10EU GB

| EN352-1:2020 | | | | | | | | | | | |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| f(Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
| Mean Attenuation (dB) | 19.3 | 25.0 | 34.8 | 37.4 | 36.1 | 40.4 | 36.4 | 37.1 | 33.7 | 26.4 | 35.1 |
| Standard deviation (dB) | 2.5 | 1.9 | 2.6 | 3.5 | 3.7 | 2.4 | 4.0 | 3.0 | 1.5 | 1.4 | 1.7 |
| Assumed Protection Value (dB) | 16.8 | 23.1 | 32.2 | 33.9 | 32.4 | 38.0 | 32.4 | 34 | 32 | 25 | 33 |

Table 3: MT73H7F4D10EU-50

| EN352-1:2020 | | | | | | | | | | | |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| f(Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
| Mean Attenuation (dB) | 18.6 | 24.3 | 33.6 | 36.8 | 35.5 | 39.4 | 35.5 | 36.4 | 32.9 | 25.7 | 34.4 |
| Standard deviation (dB) | 2.9 | 2.4 | 2.4 | 3.4 | 2.9 | 2.5 | 3.4 | 2.3 | 1.5 | 2.1 | 1.5 |
| Assumed Protection Value (dB) | 15.7 | 21.9 | 31.2 | 33.4 | 32.6 | 36.9 | 32.1 | 34 | 31 | 24 | 33 |

Table 4: MT73H7F4D10EU-50 GB

| EN352-1:2020 | | | | | | | | | | | |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| f(Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
| Mean Attenuation (dB) | 17.7 | 23.9 | 32.5 | 36.2 | 35.6 | 39.5 | 37.1 | 36.9 | 32.4 | 25.0 | 34.2 |
| Standard deviation (dB) | 2.8 | 3.1 | 3.9 | 3.1 | 2.5 | 2.9 | 2.3 | 2.3 | 2.3 | 2.6 | 2.1 |
| Assumed Protection Value (dB) | 14.9 | 20.8 | 28.6 | 33.1 | 33.1 | 36.6 | 34.8 | 35 | 30 | 22 | 32 |

Table 5: MT73H7P3E4D10EU GB

| EN352-3:2020 | | | | | | | | | | | |
|-------------------------------|------|------|------|------|------|------|------|------|------|------|------|
| f(Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | 8000 | H | M | L | SNR |
| Mean Attenuation (dB) | 18.6 | 24.3 | 33.6 | 36.8 | 34.2 | 40.2 | 34.5 | 35.6 | 31.9 | 24.8 | 33.4 |
| Standard deviation (dB) | 2.9 | 2.4 | 2.4 | 3.4 | 1.9 | 2.5 | 4.6 | 2.3 | 1.6 | 2.0 | 1.6 |
| Assumed Protection Value (dB) | 15.7 | 21.9 | 31.2 | 33.4 | 32.3 | 37.7 | 29.9 | 33 | 30 | 23 | 32 |

 **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 GB High Visibility 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. Nothing in this statement will be deemed to exclude or restrict 3M's liability for death or personal injury arising from its negligence. 3M acknowledges the respective Trademark Owners' rights in this literature.



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