Technical Data Sheet
Revision 2, August 2026

3M™ PELTOR™ WS™ LiteCom Pro III Headset

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

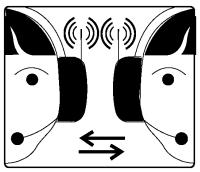


Product Description

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 WS™ LiteCom Pro III Headset	UU013773062	7100379897
ACK081B	3M™ PELTOR™ Rechargeable Li-Ion batterypack (only for WS™ 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 WS™ LiteCom Pro III Headset	UU013659022	7100373570

Article number	Description	3M ID	SAP ID
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. 479 g
Neckband:	Approx. 463 g
Helmet attachment:	Approx. 499 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
Maximum product lifetime	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	H	M	L	SNR
Mean Value (dB)	18.0	25.7	34.1	36.7	34.9	39.8	36.438.7	36.6	33.3	26.0	34.9
Standard Deviation (dB)	2.9	2.0	3.2	3.2	4.2	3.1	2.7	3.1	2.0	2.4	2.0
Assumed Protection Value(dB)	15.1	23.7	30.9	33.5	30.7	36.7	36.0	34	31	24	33

Table 4: MT73H7B4D10EU

f(Hz)	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean Value (dB)	14.8	24.9	35.8	36.3	36.5	39.9	38.6	37.7	32.4	23.3	34.0
Standard Deviation (dB)	4.2	3.4	3.3	3.1	2.4	2.6	4.2	2.2	2.7	3.8	2.5
Assumed Protection Value(dB)	10.7	21.5	32.6	33.2	34.1	37.2	34.5	35	30	20	31

Laboratory Attenuation (EN 352-3:2020)

Table 5: MT73H7P3E4D10EU

f(Hz)	125	250	500	1000	2000	4000	8000	H	M	L	SNR
Mean Value (dB)	17.3	25.3	36.3	37.1	35.0	41.9	38.9	37.0	33.4	25.5	35.0
Standard Deviation (dB)	2.0	1.9	2.6	2.9	3.6	2.6	3.6	2.5	1.3	1.8	1.3
Assumed Protection Value(dB)	15.3	23.4	33.7	34.2	31.4	39.3	35.3	34	32	24	34

⚠ 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.

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Revision D

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