

Data Sheet LiteCom Pro III Series

Analog/Digital 2-Way Radio Headsets



MT73H7F4D10EU-50

Headband (HB)

Weight: 521 g

Art.-No.: 313568



MT73H7B4D10EU-50

Behind-the-Neck (BTN)

Weight: 475 g

Art.-No.: 313569



MT73H7P3E4D10EU-50

Helmet Mount (HM)

Weight: 512 g

Art.-No.: 313570

ATEX



Ⓜ I M1 Ex ia I Ma -20°C ≤ Ta: ≤ +50°C

Ⓜ II 1G Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C Ga

Ⓜ II 1D Ex ia IIIC T130°C Da -20°C ≤ Ta ≤ +50°C

IECEX



Ex ia I Ma -20°C ≤ Ta: ≤ +50°C

Ex ia IIC T4 Ga -20°C ≤ Ta ≤ +50°C

Ex ia IIIC T130°C Da -20°C ≤ Ta ≤ +50°C

Technical Data

BUILT-IN TWO-WAY RADIO

Frequency range	403-470 MHz
Operation mode	Simplex
Channels	70 programmable channels
Channel raster	3.125 kHz
Channel separation	12,5 kHz and 25 kHz
Modulation	Analog: 2,5 kHz (FM) and 5 kHz (FM) Digital: 2,5 kHz (4-level FSK)
Microphone type	Dynamic (MT73)
Receiver sensibility	Typical -120 dBm
Selective squelch	Programmable (supports CTCSS and DCS)
Output power	200 / 20 / 10 mW ER
Range	Outdoors up to 2 km depending on conditions
Operating temperature	-4°F (-20°C) to +122°F (+50°C)

POWER

Li-ion battery	ACK082, included in delivery
Charging time	approx. 10-12 hours
Capacity	3,7 V, 1350 mA, 5 Wh
Operating time	8 hours* (at 5/5/90 TX/RX/Standby) * can be increased up to 12 ours with the power save feature

STORAGE

Recommendes storage conditions	-20°C to +50°C, <90% humidity
Recommended max. shelf life	Headset: 3 years Battery: 1 year