



PD-10M



PO Box 29
Grange, QLD 4051



TEL: (07) 3856 1513



qcom.co

Now we're talking

QCOM

PD-10M

DIGITAL/ANALOGUE
PORTABLE RADIO



FEATURES

- GPS
- Multiple Alarms
- IP68 Protection
- Multiple Encryption
- AI Noise Reduction
- 2.4 Inches HD Display
- Bluetooth
- Loud 2W Speaker
- MIL-STD-810G Standard

APPLICATIONS

- Mining
- Construction
- Government
- Warehousing
- Manufacturing
- State Emergency
- Theme Parks
- Golf Courses
- Hotels
- Shopping Centres
- Highrise Buildings

QCOM

(07) 3856 1513 | qcom.co

Now we're talking

GENERAL SPECIFICATIONS

Frequency Range	VHF:136-174MHZ; UHF(U1)400- 480mMHZ UHF(U2): 450-520MHz
Channel Capacity	1024
Zones	128
Channel Spacing	25KHz/12.5KHz
Working Voltage	DC7.4V (+20%)
Battery Capacity	3350 mAh
Frequency Stability	+0.5ppm
Antenna Impedance	50Ω
Dimension	56(L)* 33(W)* 129(H)mm
Working Time	Digital 21 hours; Analog 16 hours
Weight	318.5g (Battery included)

TRANSMITTER

Power Output	5W
4FSK Modulation	12.5kHz (data only): : 7K60FXD 12.5kHz (data only): : 7K60FX
FM Modulation	12.5kHz: 8K50F3E; 25kHz: 16K0F3E
Modulation Limitation	±2.5KHz@12.5kHz ±5.0kHz@25kHz
FM Noise	-40dB@12.5kHz/45dB@25kHz
Spurious Emission	-36dBm<1GHz/-30dBm>1GHz
Adjacent Channel Power	<-60dB
Frequency Response	+1/-3dB
Audio Distortion	<5%
Digital Vocoder	AMBE or NVCO
Bluetooth (Optional)	BT5.0

RECEIVER

Digital Sensitivity	0.22 μV /BER5%
Analog Sensitivity	0.22uV (12 dB SINAD)
Intermodulation	65dB@12.5/25kHz
Adjacent Channel Selectivity	60dB@12.5kHz@25kHz
Spurious Suppression	70dB@12.5kHz
FM Noise	40dB@12.5kHz
Frequency Response	+1/-3 dB
Rated Power Audio	2.5W
Rated Audio Distortion	5%
Conduction Radiation	-57dBm
GPS Precision	Horizontal Accuracy - 10m with good signal

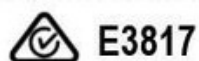
TTFF (first location) Cold Boot <1min (with good signal)

TTFF (first location) Hot Boot <10s (with good signal)

- All specifications are subject to change without notice due to continuous development
- Complies with Australia / New Zealand RF standards

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30°C ~+70°C
Storage Temperature	-40°C~+85°C
Moisture Proof	MIL-STD-810G STANDARD
Shock & Vibration	MIL-STD-810G STANDARD
Dust & Water Proof	IP68
ESD	IEC61000-4-2 (Level 4)
(Electrostatic Protection)	± 8 kV (contact discharge) ±15kV (air discharge)



QCOM

(07) 3856 1513 | qcom.co

Now we're talking

PD-10M FEATURES



QCOM

(07) 3856 1513 | qcom.co

Now we're talking

The PD-10M DMR is a Tier II portable radio, featuring GPS, IP68-rated durability, compliance with MIL-STD-810 C/D/E/F/G standards and reliable performance in the most demanding environments. Its sleek, rugged design includes a 2.4-inch HD screen, providing clear visibility in any lighting condition for effortless readability.

HIGHLIGHTS AND BENEFITS

GPS POSITIONING

With enhanced accuracy and precision, the built-in GPS allows commanders to easily track and pinpoint the location of team members. This feature greatly improves personnel management and streamlines dispatching efforts.

IP68 PROTECTION

Built to withstand the toughest environments, the rugged PD-10M radio is fully IP68-rated, ensuring reliable performance in extreme conditions. With this level of durability, environmental factors are no longer a concern.

SUPERIOR AUDIO QUALITY

PD-10M integrates cutting-edge audio processing technology to effectively eliminate background noise and optimize sound clarity, delivering exceptionally loud and clear audio for seamless communication.

DMR & ANALOG DUALDIRECT MODE

TDMA with two time slots in simplex allows two digital voice channels to operate on a single frequency by assigning each channel to a separate time slot, enabling efficient use of the frequency without interference.

MANDOWN & LONE WORKER

A cost-effective and lifesaving solution that detects falls or accidents, ensuring the safety of lone workers by instantly alerting supervisors or emergency services, and meeting critical safety requirements for isolated tasks.

QCOM

(07) 3856 1513 | qcom.co

Now we're talking

PD-10M ACCESORIES

INCLUDED INN THE BOX



Antenna



Battery



Belt Clip



Single Pocket Charger

OPTIONAL EXTRAS



Hand Strap



Swivel / Earhook Earpiece



Programming Cable