

PD-9M



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PD-9M

DIGITAL/ANALOGUE
PORTABLE RADIO



FEATURES

- IP68 Protection
- Extra Large Battery Capacity
- (3350mAh)
- Superior Audio Quality
- DMR Tier II
- MIL-STD-810C/D/E/F
- Bluetooth Connectivity

APPLICATIONS

- Mining
- Construction
- Government
- Factories
- State Emergency Services
- Ports
- Aviation Services
- Golf Courses
- Hotels
- Shopping Centres



GENERAL SPECIFICATIONS

Frequency Range	UHF: 400- 470mMHZ /450-520MHZ
Channels	1024
Zones	64
Channel Spacing	12.5KHz/25KHz
Working Voltage	DC7.4V (+20%) –
Frequency Stability	+0.5ppm
Antenna Impedance	50Ω
Battery Capacity Battery	3350 mAh
Average Working Time	Digital 24 hrs; Analog 20 hrs
Dimension	56(L)* 33(W)* 129(H)mm
Weight	330g (including battery pack)

RECEIVER

Digital Sensitivity	5% BER: 0.22 μV
Analog Sensitivity	0.22uV (12 dB SINAD)
Intermodulation	70dB
Adjacent Channel Selectivity	60dB
Spurious Suppression	70dB
FM Noise	-40dB
Frequency Response	+1/-3 dB
Audio Power	1.0W (8Ω load)
Audio Distortion	3% (typical)
Conduction Radiation	-57dBm
TTFF (first location) Cold Boot	<30 seconds (with good signal)
TTFF (first location) Hot Boot	<10 seconds (with good signal)

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

TRANSMITTER

Power Output	High power: 4W/U band;5W/V band; Middle power: 2W; Low power: 1W
4FSK Modulation	12.5KHz data only: 7K60FXD; 12.5KHz data and voice: 7K60FXE
FM Modulation	12.5KHz: 8K50F3E; 25KHz: 16KφF3E
Modulation Limitation	+2.5KHz
FM Noise	-40dB
Spurious Emission	-36 dBm<1GHz; -30 dBm>1GHz
Adjacent Channel Power	<-60dB
Frequency Response	+1/-3dB
Vocoder	AMBE++/NVCO
Audio Distortion	3%

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30°C~+60°C
Storage Temperature	-40°C~+85°C
Water Proof Shock &	IP68
Vibration	MIL-STD-810C/D/E/F



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FEATURES

PD-9M is a premium IP68 portable DMR radio designed to MIL-STD-810 C/D/E/F/G standard, which delivers outstanding performance in harsh environments. The slim and robust body comes with a 2.0 inch HD colour screen, enabling the user to read with ease regardless of the light conditions.

Bluetooth

Bluetooth connectivity allows users to utilise wireless accessories for ease of use and increased efficiency.

IP68 Protection

Our tough IP68 radio PD-9M is designed to brave the challenges of harsh environments. So, environmental factors are one less thing to worry about.

Superior Audio Quality

PD-9M incorporates advanced audio processing technology to effectively suppress background noise and enhance audio quality, delivering a most loud and clear audio.

Lone Worker

Provides safety requirements for lone working tasks to protect the lone worker.

PD-9M ACCESSORIES

INCLUDED IN THE BOX



QCOM:PD-9M
(U1/U2) Ant



QCOM:BATT-9M



QCOM:PD-9M
BeltClip



QCOM:SPC-9M



Hand Strap

OPTIONAL EXTRAS



QCOM: SEPN79M



QCOM: CEPN79M



QCOM:MPC6/12/
18R-9M



QCOM:SM26PM
QCOM:SM26PM/3.5



QCOM/s:PCU-9M