

PD-2RD



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qcom.co

QCOM



PD-2RD

DIGITAL PORTABLE RADIO

FEATURES

- Private, Group and All Call
- Scan
- Battery Save Mode
- One-touch Call
- Remote Monitor
- Call Alert
- Air Programming Frequency
- Prompt Tone On/Off
- DMR Tier II

APPLICATIONS

- Construction
- Hotels
- Recreation
- Schools
- Shopping Centres
- Retail Stores
- Factories
- Security

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TECHNICAL PARAMETERS

GENERAL SPECIFICATIONS

Frequency	450-520MHz
Channel Zone	16
Channel Capacity	4000 (250 Channels / Zones)
Antenna Impedance	50Ω
Dimensions	28mm x 56mm x 92mm
Weight	128g
Li-pol Battery	2200mAh
Rated Voltage	DC: 3.7V

DIMENSIONS

Built-in Antenna



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



TECHNICAL PARAMETERS

TRANSMITTER

Frequency	450-520MHz
Channel Spacing	12.5kHz/ 25kHz
Frequency Stability (-30°C, +60°C, +25°C)	+/-0.5ppm
Low Power	0.5W 0.8W
High Power	2W 2W
Modulation restriction	±2.5dB@12.5kHz/ ±5.0dB@25kHz
FM Hum and Noise	-40dB@12.5kHz/ -45dB@25kHz
Conducted/ Radiated emission	-36dBm<1GHz/ -30dBm>1GHz
Adjacent channel Selectivity	-60dB@12.5kHz/ -65dB@25kHz
Audio Response	+1, -3dB
Audio Distortion	3%
FM Modulation	12.5kHz:11KOF3E 25kHz:16KOF3E
4FSK Digital Modulation	12.5kHz data: 7K60F1D and 7K60FXD, 12.5kHz audio: 7K60F1E and 7K60FXE 12.5kHz data and audio: 7K60F1W
Digital Vocoder	AMBE+2™
Digital Agreement	ETSI-TS102 361-1, -2, -3

RECEIVER

Frequency	450-520MHz
Channel Zone	16
Frequency Stability (-20°C, +60°C, +25°C)	+/-0.5ppm
Analogue Sensitivity	0.3µV/ 0.25µV
Digital Sensitivity (5% BER)	0.25µV/ 0.2µV
Intermodulation	65dB
Adjacent Channel Selectivity	60dB@12.5kHz/ 65dB@25kHz
Spurious Rejection	65dB
Rated Audio	Rated 500mw
Audio Distortion @Rated Audio	3%
FM Hum and Noise	-40dB@12.5kHz/ -45dB@25kHz
Audio Response	+1, -3dB
Conducted/ Radiated Emission	-57dBm

PD-2RD ACCESSORIES

INCLUDED IN THE BOX



Battery Pack
PD-2RD-BA



Belt Clip
PD-2RD-BC



Hand Strap
PD-2RD-HS



**Single Pocket Charger,
USB Type-C Cable and
Power Supply**
PD-2RD-CH



PD-2RD ACCESSORIES

OPTIONAL EXTRAS



Covert Style Ear Piece
QCOM: CX2425-K2



Over-the-ear Style Ear Piece
QCOM: CX5027-K2/Nylon



Commercial Noise Cancelling Headset
RTRN-100A (to be used with RT-I2 lead)



Commercial Headset Lead to Suit PD-2RD
RT-I2 (to be used with RTRN-100A headset)



Remote Speaker Mic
QCOM: RSM-PD2RD



6-Bay Multi Charger
PD-2RD-CH6