



PD6200

Commercial Digital Radio

LED dot matrix design

Support smooth migration from analog
conventional to digital conventional mode

4 watt output power, enhanced communication coverage

Loud speaker and noise-reduction
design for premium voice quality

1024 digital channels, 64 folders

Encryption for programming, secure user-data

Support individual call, group call and emergency call

2000mAh, super-long standby time/operation

Built-in dual vocoder

IP56/MIL-STD

late entry

Built-in Bluetooth*

DMO Double time-slot*

Upgradable to Trunking function*



CE FC RoHS MIL-STD SRRC

Specification

General	
Frequency bands	PD6215 : VHF 136-174MHz ; PD6240 : UHF 400-470MHz
Channel Capacity	1024
Zone Capacity	64
Channel Spacing	12.5KHz/20 KHz /25 KHz
Operating Voltage	7.4V
Battery	2000mAh (Li-ion battery)
Working time _(5-5-90 duty cycle, high TX power)	Analog: > 15h; Digital: > 16h
Dimensions _(standard battery, not including antenna)	118.5*53.5*29.5mm (H*W*D)
Weight _(standard battery, including antenna)	252g
Frequency stability	±1ppm
Display	LED light dot matrix display, dot matrix number (5 * 15 array)

Transmitter	
RF Power Output	VHF High power: 5W; UHF High power: 4W
FM Modulation	11K0F3E @12.5KHz; 14K0F3E @20KHz; 16K0F3E @25KHz
4FSK Digital Modulation	12.5kHz Data: 7F60FXD; 12.5kHz Data& voice: 7F60FXW
Conducted / Radiated Emission	-36dBm < 1GHz -30dBm > 1GHz
Modulation Limiting	±2.5KHz@12.5KHz; ±4.0KHz@20KHz; ±5.0KHz@25KHz
FM Noise	40KHz @ 12.5KHz; 43KHz @ 20KHz; 45KHz @ 25KHz
Adjacent Channel Power	60dB @ 12.5KHz
Digital Voice Vocoder	AMBE++ / NVOC
Audio Response	+1~-3dB
Audio Distortion	≤3%

Receiver		
Sensitivity	Analog	0.22μV(12dB SINAD): 0.2μV(Typical value)(12dB SINAD)
	Digital	0.22μV / BER5%
Adjacent channel selectivity	≥60dB@12.5KHz	
Hum and Noise	40dB@12.5KHz; 43dB@20KHz; 45dB@25KHz	
Rated Audio Power Output	0.5W	
Rated Audio Distortion	≤3%	
Audio Response	+1~-3dB	
Conducted Spurious Emission	< -57dBm	

Environmental Specifications	
Operation temperature/ Storage temperature	-20°C~+60°C/ -40°C~+85°C
ESD	IEC 61000-4-2(level 4); ±8kV(contact); ±15kV(air)
Environment Test Standard (Temperature & Fall & Vibration)	MIL-STD-810 C/D/E/F
IP Rating	IP56

Remark: The above specifications comply with standard tests accordingly, and due to continuous technical development, they are subject to changes without prior notice.

Accessories



Battery
[B022087400]



Antenna
[ANTD618H1]



Power adapter
[AS100002]



Desktop charger
[DC100002]



Belt Clip
[SBC01]



Strap
[SRO00]



C-Earset with on-mic PTT
[EA0303] (Optional)



Programming cable
[SPC03] (Optional)

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