

PD-28/38/46

Use Time-Division Multiple-Access (TDMA) digital technology



General			
Frequency range	VHF: 136-174MHz UHF: 400-480MHz UHF: 450-520MHz	Store Temperature	-40C+85C
Channel	32 /1000 Channels	Antenna Impedence	50Ω
Channel Spacing	12.5KHz	Audio Output Power	≤1000mW@16Ω
Operating Voltage	7.4V	Battery capacity	2000mAh standard Li-Ion battery
Battery Type	Li-ion	Dimension (H*W*D)	128*61*38/131*61*36mm
Operating Temperature	-30C+60C	Weight	258g

Transmitter			
Output power	High: ≤5W (HI) Low: ≤1W (Low)	4FSK Digital Mode	12.5KHz(data only):7K60FXD 12.5KHz(data +voice): 7K60FXE
Frequency Stability	+/-1.0PPM	Modulation Maximum Deviation	2.5KHz@12.5KHz
Adjacent Channel Power	≤-60dB	Nonactive Slot Power	-57dBm
Free Time Slot Power	TDMA: ≤57dBm	Digital Protocol	ETSI TS 102 361-1 -2 -3
Hum and Noise	-40dB@12.5KHz	Vocoder Type	AMBE+2TM
Spurious Radiation	Antenna: 9KHz-1GHz ≤-36dBm 1GHz-12.75GHz ≤-30dBm	Audio Response	+1dB~-3dB
FM Modulation Mode	12.5KHz: 11K0F3E	Modulation BER(Bit Error Rate)	≤5%

Receiver			
Analog sensibility	0.35uV/-116dBm(20dB SINDA) 0.22uv/-120dBm(Type)	Rated audio power	1W
Digital sensibility	0.3uV/-117.4dBm (BER 5%) 0.22uv/-110dBm (BER 1%)	Audio response	=1dB~-3dB
Co-channel Rejection	≥-12dB	Rated audio distortion	3%(Type)
Adjacent Channel Selectivity	TIA603C:65dB ETSI:60dB	Spurious Radiation	Antenna: 9KHz-1GHz ≤-57dBm 1GHz-12.75GHz ≤-47dBm
Spurious Response	TIA603C:75dB ETSI:70dB		

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PD-28

DMR Digital two-way portable radio



Digital mode, single call, group call, all call function
Built in CTCSS/DCS

- English Voice Prompt
- Power Save/Low Power Alarm
- Channel Scanning/Priority Scanning
- Emergency Call
- Private/Group/All Call
- Lone Worker
- Programming Password
- Wide/Narrow Selection
- High/Low Power
- TOT



Patented product, counterfeiting not allowed.
Patent: 201430207600.6



PD-46

DMR Digital two-way radio



Digital mode , single call,
group call, all call function

- Emergency Call
- Quick Text Messages
- Manual Dial
- Remote monitor
- Remote Check
- Remote Disable/Enable
- Enhanced Encryption
- Private/Group/All Call
- Lone Worker
- Programming Password
- Zone Selection
- Date/Time programmable



PD-38

DMR Digital two-way radio



Digital mode , single call,
group call, all call function

- Emergency Call
- Short Text Message via Keypad
- Quick Text Messages
- Manual Dial
- Remote monitor
- Remote Check
- Remote Disable/Enable
- Enhanced Encryption
- Private/Group/All Call
- Lone Worker
- Power On Password
- Programming Password
- Zone Selection
- Date/Time programmable

