

Tytera

MD-280

DMR Digital two-way
portable radio



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

- English Voice Prompt
- Power Save/Low Power Alarm
- Channel Scanning/Priority Scanning
- Wide/Narrow Selection
- High/Low Power
- Emergency Alarm
- TOT



Patented product, counterfeiting not allowed.
Patent: 201430207600.6

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DMR Digital two-way portable radio

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Main Functions

- Use Time-Division Multi-Access(TDMA) digital technology which doubles the number of users on a single licensed 12.5KHz channel. Comply with DMR digital protocol.
- Private call, group call, and all call
- Built-in CTCSS/DCS
- English Voice Prompt
- Power Save/Low Power Alarm
- Channel Scanning/Priority Scanning
- Wide/Narrow Selection
- High/Low Power
- Emergency Alarm
- TOT

General

Transmitter

Receiver

Frequency range	VHF: 136-174MHz UHF: 400-480MHz	Output power	High: ≤5W (HI) Low: ≤1W (Low)	Analog sensibility	0.35uV/-116dBm(20dB SINDA) 0.22uv/-120dBm(Type)
Channel	32 Channels	Frequency Stability	+/-1.0PPM	Digital sensibility	0.3uV/-117.4dBm (BER 5%) 0.22uv/-110dBm (BER 1%)
Channel Spacing	12.5KHz	Adjacent Channel Power	≤-60dB	Co-channel Rejection	> -12dB
Operating Voltage	7.5V	Free Time Slot Power	TDMA: ≤57dBm	Adjacent Channel Selectivity	TIA603C:65dB ETSI:60dB
Battery Type	Li-ion	Hum and Noise	-40dB@12.5KHz	Spurious Response	TIA603C:75dB ETSI:70dB
Operating Temperature	-30℃+60℃	Spurious Radiation	Antenna: 9KHz-1GHz ≤-36dBm 1GHz-12.75GHz ≤-30dBm	Rated audio power	1W
Store Temperature	-40℃+85℃	FM Modulation Mode	12.5KHz: 11K0F3E	Audio response	=1dB~-3dB
Antenna Impedence	50 Ω	4FSK Digital Mode	12.5KHz(data only):7K60FXD 12.5KHz(data +voice): 7K60FXE	Rated audio distortion	3%(Type)
Audio Output Power	≤1000mW@16 Ω	Modulation Maximum Deviation	2.5KHz@12.5KHz	Spurious Radiation	Antenna: 9KHz-1GHz ≤-57dBm 1GHz-12.75GHz ≤-47dBm
Battery capacity	1700mAh standard Li-ion battery	Nonactive Slot Power	-57dBm		
Dimension (H*W*D)	128*61*38mm	Digital Protocol	ETSI TS 102 361-1 -2 -3		
Weight	258g	Vocoder Type	AMBE+2TM		
		Audio Response	+1dB~-3dB		
		Modulation BER(Bit Error Rate)	≤5%		

Standard Accessories



Battery Pack



Charger



Adapter



Antenna



Belt Clip



Strap Wire

More optional accessories please refer to our website: www.tyt888.com



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