



# MD-UV380

DMR Digital two-way radio



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

- Transmit interruption
- Group call match(Promiscuous)
- Private call match(Promiscuous)
- GPS Optional
- Dual band, dual wait, dual standby



# MD-UV380



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

### Main Functions

- GPS Optional
- Use Time-Division Multiple-Access (TDMA) digital function
- Dual time slot for repeater
- Dual time slot for point to point
- Firmware upgradeable
- Lone worker
- Encryption function
- Compatible with Mototrbo Tier I & II
- Single call, group call and all call
- Analog and digital combined
- Remote kill/stun and activate
- Comply with digital protocol ETSI TS 102 361-1,-2,-3
- Color LCD display
- Up to 3000 channels
- Transmit interruption
- Group call match (Promiscuous)
- Private call match (Promiscuous)
- 8 hours of recording

General		Transmitter		Receiver	
Frequency range	136-174 & 400-480MHz	Output power	Hith: ≤5W (HI) Low: ≤ 1W (Low)	Analog sensibility	0.2 μ V @ 12db SINAD
Channel	3000 Channels	Frequency Stability	±-1.0PPM	Digital Sensibility	0.25uV(BER:5%)
Frequency Stability	± 1ppm	Adjacent Channel Power	≤-60dB	Adjacent Channel Selectivity	≤-60dB @ 12.5KHz
Operating Voltage	7.4V DC	Free Time Slot Power	TDMA: ≤57dBm	Intermodulation	≤60dB
Battery Type	Li-ion	Hum and Noise	-40dB @ 125KHz	Spurious Response	≥70dB
Operating Temperature	-30°C+60°C	Spurious Radiation	Antenna:9KHz-1GHz ≤-36dBm 1GHz-12.75GHz ≤-30dBm	Rated audio power	1W
Chaneel Spacing	12.5KHz	FM Modulation Mode	12.5KHz: 11K0F3E	Audio response	=1dB~-3dB
Antemna Impedence	50 Ω	4FSK Digital Mode	12.5KHz(data only):7K60FXD 12.5KHz(data+voice):7K60FXW	Rated audio distortion	< 5%
Audio Output Power	≤ 1000mW @ 16 Ω	Modulation Maximum Deviation	2.5KHz @ 12.5KHz	FM Noise	≥45dB @ 25KHz ≥ 40dB @ 12.5KHz
Battery Capacity	2000mAh standard Li-ion battery	Nonactive Slot Power	-57dBm		
Dimension(H*W*D)	131*61*36mm	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%		

### Application scope:

Tourism, entertainment, restaurant, hotel, shopping hall Government, Police, public security

### Standard Accessories



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