



MD-2017

PROFESSIONAL FM TRANSCEIVER



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

ENCRYPTION FUNCTION

Dual time slot for repeater
Dual time slot for point to point

IP67 Waterproof

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



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

Main Functions

- IP67 Waterproof
- 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)

General

Transmitter

Receiver

Frequency	136-174 & 400-480MHz	Power	UHF ≤5W, VHF ≥4W	Analog Sensibility	0.2μV @ 12dB SINAD
Channels	3000	Transmit current	Analog≤1.6A Digital≤0.9A	Digital Sensibility	0.25μV(BER:5%)
Frequency Stability	±1ppm	Standby current	0.18A	Adjacent Channel Selectivity	≤-60dB@12.5KHz
Operating Temperature	-30°C ~ + 60°C	FM Modulation Mode	11K0F3E @ 12.5KHz	Co-Channel Rejection	≥65dB
Operating Voltage	7.4V DC	4FSKDigital mode	14K0F3E @ 20KHz	Spurious Response	≥70dB
Dimension (HxWxD)	131.5*36.8*64		16K0F3E @ 25KHz	Audio Response	+1~-3dB
Weight	300g(with battery)	modulation distortion	12.5KHz(data only): 7K60FXD	Rated Audio distortion	<5%
Battery Type	Li-ion		12.5KHz(data and voice): 7K60FXW	Audio Power	1W
Battery Capacity	2200mAh	Hum and Noise	≥45dB@25KHz	Modulation Noise	≥45dB@25KHz
Antenna Impedance	50Ω	Adjacent Channel Power	≤-60dB@12.5KHz		≥40dB @ 12.5KHz
Audio Output Power	1W @ 16Ω	Audio Response	+1~-3dB		
Channel spacing	12.5KHz	Digital Protocol	ETSI-TS102 361-1,-2,-3		

Application scope:

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

Standard Accessories

