



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



MD-2017

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 Mototrobo 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℃~ + 60℃	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		12.5KHz(data only):	16K0F3E @ 25KHz	Audio Response
Weight	300g(with battery)	modulation distortion	7K60FXD	Rated Audio distortion	<5%
Battery Type	Li-ion		12.5KHz(data and voice):	7K60FXW	Audio Power
Battery Capacity	2200mAh			Modulation Noise	≥45dB@25KHz /≥40dB @12.5KHz
Antenna Impedence	50Ω				
Audio Output Power	1W @ 16Ω	Hum and Noise			
Channel spacing	12.5KHz	Adjacent Channel Power			
		Audio Response			
		Digital Protocol			

Application scope:

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

Standard Accessories

