

JINGTONG[®]

Two Way Radio Specialist

JT-189

Professional FM Transceiver



RF Output Power:5W/1W

- CTCSS/DCS ▪ VOX built-in
- Emergency Alarm
- High/Low Power switch
- Chinese/English voice annunciation
- TOSHIBA MOS transistor



SIRIM Type Approved

MAIN FUNCTION

- RF Output Power: 5W/1W
- CTCSS/DCS
- Emergency Alarm
- Power Switch
- TOSHIBA MOS transistor
- VOX built-in
- High/Low Power switch
- Chinese/English voice annunciation
- Frequency Range: UHF (410-480Mhz)

TECHNICAL SPECIFICATION

General

| | | | |
|-------------------|----------------|----------------------------|----------------|
| Frequency Range | UHF 410-480Mhz | Working Temperature | -20°C~+60°C |
| Channel Capacity | 16 | Frequency Stability | ± 2.5PPM |
| Operating Voltage | 7.2VDC ± 15% | Dimension(without antenna) | 122x61x37mm |
| Antenna Impedance | 50Ω | Weight(W/Battery) | 218g(Li-ion) |
| Channel Spacing | 12.5/25KHz | Battery | 1500mAH Li-ion |

Compatible With American Military Standard(MIL-STD-810C/D/E)

Transmitter(EIA-RS 316B STANDARD)

| | | | |
|-----------------------|-----------------|--------------------|--------------------------|
| RF Power Output | 5W/1W | Max Freq Deviation | <5KHz(1000KHz When 100%) |
| Modulation Type | F3E | FM Noise | ≤ -45dB |
| Modulation Distortion | <5%(300-3000Hz) | | |

Receiver

| | | | |
|--------------------------------------|-----------|---------------------|-----------------------|
| (12dB SINAD) Sensitivity(12dB SINAD) | 0.18uV | Modulation Type | 16KOF3E |
| Selectivity | 55dB | Audio Power Output | 500mw When Distortion |
| Adjacent Channel Selectivity | ≥ 70dB | Audio Distortion | <5% |
| Noise Respond | ≥ 60dB | Operating Bandwidth | ± 7KHz |
| FM Noise | 45dB/40dB | | |

APPLICATION SCOPE



Recreational



Security



Restaurant



Retail



Events

Hotel

Construction site

EXPRESS U SOLUTION

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