



Motoplus

PROFESSIONAL FM TRANSCEIVER



TC-223

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16 Programmable Channels

Built-in CTCSS

Low Battery Alert

Power Save Function

Power Output 5W

Time out Timer

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MAIN FEATURES

- Frequency Range: UHF(400-470MHz), VHF(136-174MHz)
- Sturdy and Durability Better
- 16 Memory Channels
- Low Battery Alert
- Power save function
- Programmable by PC
- Built-in CTCSS Function
- Time out Timer



SPECIFICATIONS

GENERAL

Frequency Range	VHF:136-173.995MHz / UHF:400-469.995MHz
Operating Temperature Range.....	-20°C ~ +60°C
Frequency Combination.....	phase lock loop frequency synthesizer
Frequency Stability.....	±2.5ppm
Memory Channels.....	16 Channels
Rated voltage	DC7.4V (Li-ion Battery)
Antenna Impedance	50Ω
Operation mode	Simplex of co-frequency or alien frequency
Dimension	125.5mm×58mm×32mm without antenna
Weight	Approx. 380g with battery pack

TRANSMITTER

Output Power.....	Lo:1W / Hi:5W
Modulate Mode	F3E
Maximum Frequency Deviation.....	≤5KHz
Spurious Radiation.....	< -60dB
Transmit Current	≤800mA

RECEIVER

Sensitivity.....	<0.20μV(12dB SINAD)
Squelch Sensitivity.....	<0.20μV
Intermodulation Antijamming.....	≥60dB
Audio Output Power.....	500mW
Receive Current	≤120mA
Squelch System Standby Current	15mA