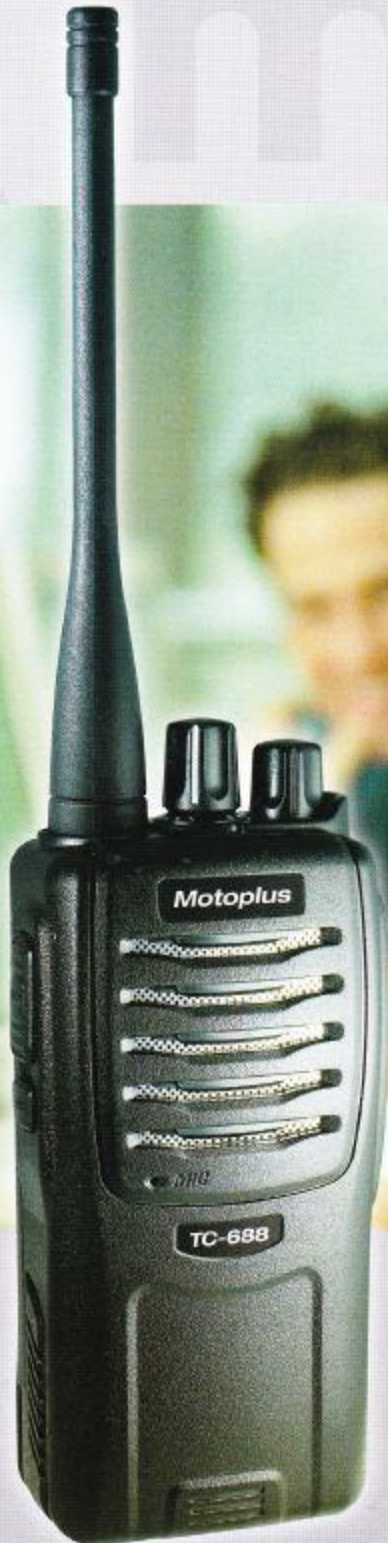




Motoplus

PROFESSIONAL FM TRANSCEIVER



TC-688

PROFESSIONAL FM TRANSCEIVER

POWER OUTPUT 5W
High-Capacity Li-ion Battery Pack

Built-in CTCSS/DCS
Power Saving Function
Smart Charger

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MAIN FEATURES

- Frequency Range: UHF(400-480MHz), VHF(136-174MHz)
- Power Output 5w
- High-capacity Li-ion Battery Pack
- 16 Memory Channels
- Programable by PC
- Built-in CTCSS / DCS Function
- High-definition Audio Output
- Smart Charger
- Power Saving Function
- Low Battery Alert



SPECIFICATIONS

GENERAL

Frequency Range	VHF:136-173.995MHz / UHF:400-479.995MHz
Operating Temperature Range	-20°C – +60°C
Frequency Combination	phase lock loop frequency synthesize
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	105mm × 56mm × 31mm without antenna
Weight	Approx. 210g with battery pack

TRANSMITTER

Output Power	Lo:1W / Hi:5W
Modulate Mode	F3E
Maximum Frequency Deviation	≤ 5KHz
Spurious Radiation	< -60dB
Transmit Current	≤ 1000mA

RECEIVER

Sensitivity	< 0.20μV(12dB SINAD)
Squelch Sensitivity	< 0.20μV
Intermodulation Antijamming	50dB
Audio Output Power	500mW
Receive Current	≤ 100mA
Squelch System Standby Current	20mA