



**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

[www.motoplus.com.my](http://www.motoplus.com.my)

## MAIN FEATURES

- Frequency Range: UHF(400-480MHz), VHF(136-174MHz)
- Power Output 5w
- High-capacity Li-ion Battery Pack
- 16 Memory Channels
- Programmable 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