

# MOTOPLUS

PROFESSIONAL FM TRANSCEIVER

PROFESSIONAL FM HANDHELD TRANSCEIVER

## TC-311

Power Output **5W**

High-Capacity Li-ion Battery Pack

FM Radio Function

Built CTCSS/DCS

VOX (Voice Operate Transmit) Function

Sound Alarm Function



FM RADIO



VOX Built-in



Li-ion Batt.



5W POWER



## MAIN FEATURES

- Frequency Range: UHF(400-480MHz), VHF(136-174MHz)
- FM Radio Function, Frequency Range: 87.5-108MHz
- 199 Memory Channels
- Wired Copy Function
- Programmable by PC
- Built-in CTCSS 50 group: DCS 83\*2 group
- Built-in VOX (Voice Operate Transmit)
- Sound Alarm Function
- Calling remind
- Group Function



## SPECIFICATIONS

### GENERAL

Frequency Range .....	VHF:136-173.995MHz / UHF:400-479.995MHz
Operating Temperature Range.....	-10°C~+60°C
Frequency Combination.....	phase lock loop frequency synthesize
Frequency Stability.....	±2.5ppm
Memory Channels.....	199 Channels
Rated voltage .....	DC7.4V (Li-ion Battery)
Antenna Impedance .....	50Ω
Operation mode .....	Simplex of co-frequency or alien frequency
Dimension .....	102mm×55mm×33mm without antenna
Weight.....	Approx. 220g with battery pack

### TRANSMITTER

Output Power.....	≤5W
Modulate Mode .....	Frequency modulate
Maximum Frequency Deviation .....	≤5KHz
Spurious Radiation.....	< -60dB
Transmit Current .....	≤800mA

### RECEIVER

Sensitivity.....	<0.20μV(12dB SINAD)
Squelch Sensitivity.....	<0.20μV
Intermodulation Antijamming.....	50dB
Audio Output Power.....	≥400mW
Receive Current .....	≤120mA
Squelch System Standby Current .....	15mA