

IP67

WATERPROOF · DUSTPROOF · SHOCKPROOF



MOTOPLUS[®]

PROFESSIONAL FM TRANSCEIVER



TC-800

- 5W/2W Power Switch with Side-key operation
- CTCSS & DCS non-standard code
- DTMF
- PTT ID
- Remote Kill, Stun, Activate & Revive
- Wide/Narrow Bandwidth Selection 12.5KHz/25KHz



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SPECIFICATION

GENERAL

| | |
|-----------------------|---|
| Frequency Range | VHF: 136-174MHz UHF: 400-480MHz / 450-520MHz |
| Operating Temperature | -25°C~+55°C |
| Frequency Spacing | 25/12.5KHz |
| Frequency Stability | ±2.5ppm |
| Channel Capacity | 16 Group |
| Working voltage | 7.4V |
| Battery capacity | 3000mAh Li-ion battery |
| Antenna Impedance | 50Ω |
| Dimension | 150mm×70mm×40mm |
| Weight | 232g (Include Antenna & Battery) |

TRANSMITTER (ETSI EN 300 086 standard testing)

| | |
|-------------------------------|-------------------------|
| Output power | 5W/2W |
| Modulation Mode | 16KΦF3E / 8KΦF3E |
| Modulation Limited | ±5KHz/±2.5KHz |
| Audio Distortion | ≤5% |
| Residual frequency modulation | -45dB/-40dB |
| Adjacent Channel Power | -70dB/-60dB |
| Spurious and Harmonic Wave | -36dBm<1GHz -30dBm>1GHz |

RECEIVER (ETSI EN 300 086 standard testing)

| | |
|-------------------------------|------------------|
| Receiving Sensitivity | ≤0.18uV / 0.22uV |
| Adjacent Channels Selectivity | ≥70dB/60dB |
| Intermediation | ≥60dB |
| Spurious Response | ≥70dB |
| SNR | ≥50/45dB |
| Audio Output Power | 1W |
| Audio Distortion | ≤5% |

Notice: Saving your presence, no additional notice will be sent if specification changes because of technology-improving.



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