

IP67 Waterproof and Dustproof  
High power/mid/low(5W/3W/1W)selectable  
VOX function(Voice operated transmission)  
DTMF emergency alarm

DTMF

RT6

IP67

VOX

HIGH  
MID  
LOW  
POWER





## MAIN FEATURE

|                                            |                              |                                               |                               |
|--------------------------------------------|------------------------------|-----------------------------------------------|-------------------------------|
| 50 CTCSS/105 DCS                           | 128 groups channels storage  | Shortcut menu operation mode                  | VFO & Memory channels scan    |
| Emergency Alarm                            | FM radio(65-108)MHz          | PTT & ANI ID                                  | Voice companding              |
| VOX function                               | Scanning function            | Monitor function                              | Time-out Timer (TOT) function |
| DTMF function                              | High/Low TX power selectable | Wide/Narrow Band(25kHz/12.5kHz)               | Busy lockout function         |
| LCD display                                | Signal strength indicator    | Keypad lock function                          | Open radio Voice prompt       |
| Low battery alarm                          | Power saving function        | Battery voltage display function              | Tone end of transmission      |
| Built-in Led torch                         | IP67 waterproof              | Chinese and English voice prompt              | PC software programmable      |
| Channel name display and editing functions |                              | Frequency step: 2.5/5/10/12.5/25/50kHz        | 1750Hz                        |
| Dual band / dual display / dual standby    |                              | A/B band independent operation( UV UU VU VV ) |                               |

## SPECIFICATION

### GENNERAL

|                             |                             |                         |                              |
|-----------------------------|-----------------------------|-------------------------|------------------------------|
| Frequency Range             | VHF+UHF: 136-174 400-520MHz | Battery capacity        | 1800mAh                      |
| Channel capacity            | 128 channels                | Output power            | 5W / 3W / 1W                 |
| Operating Voltage           | 7.4V DC                     | Antenna Impedance       | 50 ohm                       |
| Working Temperature         | -30°C—60°C                  | Color                   | Black                        |
| Dimension (Exclude antenna) | Approx:4.06 x 2.28 x 1.22in | Weight(Include Battery) | Approx:6.35oz (with battery) |

### TRANSMITTER

|                                          |                                  |                                        |               |
|------------------------------------------|----------------------------------|----------------------------------------|---------------|
| Modulation Mode (W/N Band)               | FM (F3E)                         | Adjacent channel power                 | ≤-65dB/≤-60dB |
| Spurious Power                           | ≤7.5μW                           | SNR                                    | ≥-45dB/≥-40dB |
| Audio Distortion                         | <5%                              | Modulation Sensitivity                 | 8-12mV        |
| CTSCC/DCS Frequency Deviation (W/N Band) | 0.7±0.1kHz (W)<br>0.4±0.1kHz (N) | Maximum Frequency Deviation (W/N Band) | ≤5kHz         |
| Transmitting Current                     | ≤1500mA                          |                                        |               |

### RECEIVER

|                                          |                       |                                         |                      |
|------------------------------------------|-----------------------|-----------------------------------------|----------------------|
| Sensitivity                              | <0.20 μV (12dB SINAD) | Audio Power                             | 1W                   |
| Inter modulation Interference Resistance | ≥65dB (W), ≥55dB (N)  | Adjacent channel Sensitivity (W/N Band) | ≥65dB (W), ≥55dB (N) |
| Audio Distortion                         | 5 %                   | Receiving Current                       | ≤380m A              |

## ACCESSORIES



STANDARD ACCESSORIES: Charger, Adapter, Earpiece, Li-ion Battery, Antenna, Belt clip, Sling, User's manual



OPTIONAL ACCESSORIES: Speaker microphone, Programming cable, Antenna

