



Professional Two-way Radio Manufacturer

KG-UV899

U.V Dual Band
Multifunctional Two-way Radio





DTMF Encoding and Decoding

- Maximum Frequency Range: 136-174&400-520MHz
- 105 Groups DCS / 50 Groups CTCSS
- CTCSS Scan and DCS Scan
- 1750Hz Burst Tone
- 199 channels



Dual Band, Dual Frequency,
Dual Standby

Work Mode Switch ( + )



Description of Functions

- Dual Frequency, Dual Display and Dual Standby
- DTMF Encoding and Decoding
- Begin/End Transmitting Beep Prompt
- ANI (Caller ID)
- SOS Function
- 1750Hz Burst Tone
- Inspection, Monitor, Stun, Kill and Emergency Alarm
- 105 Groups DCS / 50 Groups CTCSS
- CTCSS Scan and DCS Scan
- Voice Guide
- Distant Alarm
- Call Ring
- VOX Transmission (Level Adjustable)
- Digital FM Radio with Frequency Display
- Bandwidth Selectable
- Reverse Frequency Function
- Multi Scan Mode (TO/CO/SE)
- All Calls, Group Calls and Selective Calls
- Multi Step Frequency: 2.5K (Optional)/5K/6.25K/10K/12.5K/25K/50K/100K
- Multi Displaying Mode: Frequency/Channel/Channel Name
- Speedy Working Mode Shift (MENU+TDR)
- Channel Name Edit and Display
- Battery Capacity Prompt
- TOT (Time-out Timer)
- Busy Channel Lockout
- Keypad Lock (Auto/Manual)
- Bright Flashlight Illumination
- Wire-clone Function
- Programmable by Computer
- IP55 Waterproof



Technical Specification

| General | | Receiver | | Transmitter | |
|-----------------------|--------------------------------------|----------------------------------|--|-----------------------------|--|
| Frequency Range | VHF: 136-174MHz UHF: 400-520MHz | Sensitivity(12dB SINAD) | 0.16μV | Frequency Stability | ± 2.5PPM |
| | | Squelch Rejection Sensitivity | ≤ 0.8μV | RF Carrier Power | UHF:4W VHF:5W |
| | | Squelch Sensitivity | ≤ 0.2μV | Effective Radiated Power | Power Changes not Exceed Preset Value ± 7.5dB |
| Number of Channels | 199 | Audio Output Power | 500mW | Max Frequency Deviation | Channel Space 25KHz ± 5KHz/12.5KHz ± 2.5KHz |
| Operating Voltage | 7.4V | Audio Distortion | ≤ 5% | Audio Modulation | +3dB(Pre-emphasis by 6dB between 0.3-3KHz) |
| Operating Temperature | -30℃~60℃ | Audio Response | (300-3000Hz)+1~-3dB | Adjacent Channel Power | Channel Space 25KHz ≥ 70dB/12.5KHz ≥ 60dB |
| Operating Way | Simplex of Co-channel or Dis-channel | Co-channel Reject | ≥ -8.0dB | Spurious Radiation | ≤ -30dBm |
| Antenna Impedance | 50Ω | Performance of Amplitude Limiter | ≤ 3 | Intermodulation Attenuation | ≥ 40dB |
| Frequency Stability | ± 2.5PPM | Adjacent Channel Selection | Channel Space 25KHz ≥ 70dB / 12.5KHz ≥ 60dB | Modulation Distortion | ≤ 10% |
| Waterproof | IP55 | Intermodulation | ≥ 65dB | Residual FM | ≤ -35dB |
| Weight | 231g | Blocking | ≥ 84dB | Residual AM | ≤ 3% |
| Dimension | 47.5x117x36.6(mm) | Spurious Radiation | 9KHz-1GHz ≤ -57dBm 1GHz Above -4GHz ≤ -47dBm | | |

Specifications are subject to change without notice.

Standard Accessories



1300mAh Li-ion battery pack



Desktop charger



Belt clip



High gain antenna



Hand strap



User's manual

Optional Accessories



Six-way charger



"AA" Battery pack



Leather case



Eliminator



Car charger



MIC



USB programming cable



Headset

Made by: Quanzhou Wouxun Electronics Co., Ltd.

Add: No.928 Nanhuan Road, Jiangnan High Technology Industry Park, Quanzhou, Fujian 362000, China

Tel: +86-595-28051265 Fax: +86-595-28051267

Http://www.wouxun.com E-mail: wouxun@wouxun.com