



Duplex Cross-Band Repeat Twin Band Simultaneous Reception Dual-Track & Dual-Speaker



Strong and Stable Output Power (VHF:50W / UHF:40W)
Individual Hand Microphone with TX / RX Indicator
Remote-head Mounting Capacity
8 Groups Scrambler (Optional)



KG-UV920R TWIN BAND MOBILE / BASE TRANSCEIVER

- **Duplex Cross-Band Repeat**
Duplex Two-way or Directional Repeat
- **Dual Receive, Dual-Track & Dual-Speaker**
Twin Band Simultaneous Reception, Built-in High Quality Dual-Speaker
- **Twin Band, Dual Display**
Large LCD Dual Frequency Display, Two Completely Independent Operating Systems



Approved Code by Ministry of Industry and Information
Technology of the People's Republic of China:
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This product has been patented, imitation is not permitted.
Patent No. for the Appearance:
ZL201130252178.2 (Mobile Base Transceiver)
ZL201130252179.7 (Hand Microphone)



KG-UV920R TWIN BAND MOBILE / BASE TRANSCEIVER

Description of Functions

- **Twin Band Transmit / Receive**
(RX / TX) 136-174MHz & 400-470MHz
136-174MHz & 400-480MHz
136-174MHz & 216-280MHz
136-174MHz & 420-520MHz
144-146MHz & 430-440MHz
144-148MHz & 420-450MHz
(RX) FM: 65MHz~108MHz (100K Frequency Spacing)
- **Dual Display**
Large LCD Dual Frequency Display,
Two Completely Independent Operating Systems
- **Remote-head Mounting Capacity**
Multiple Installation Types, Convenient Usage
- **Cross-Band Repeat**
UHF / VHF Cross-band Repeat or VHF / UHF
Cross-band Repeat Functions
- **Both Stations can Form Combined Same Band or Different Band Repeat**
- **Strong and Stable Output Power (VHF:50W / UHF:40W)**
- **QT / DQT Encoding & Decoding, QT / DQT Scanning**
- **Multiple Speaker Channel Settings**
- **Individual Hand Microphone with TX / RX Indicator**
- **DTMF Encoding and Decoding**
- **Incoming Message Display**
Caller ID display
- **Group Calls, All Calls and Selective Calls**
- **8 Groups Scrambler (Optional)**
- **Priority Channel Scanning**
- **APO Power Management**
- **English Voice Guide**
- **Automatic Temperature Testing**
- **Minimum Operating Voltage Settings**
- **Stun and Kill Function**
- **Single Tone Pulse Frequency**
2100Hz / 1750Hz / 1450Hz / 1000Hz
(Used when activating repeater signal)
- **Three Colors Backlight Selectable**
- **Reduced Noise Settings**

Technical Specification

General		Receiver	Wide Bandwidth	Narrow Bandwidth	Transmitter	Wide Bandwidth	Narrow Bandwidth
Frequency Range	Frequency Range	Adjacent Channel Selectivity	≥ 70dB	≥ 60dB	Type of Modulation	16K F3E	11K F3E
	Suitable for any Region of any Country	Intermodulation	≥ 65dB	≥ 60dB	Adjacent Channel Power	≥ 70dB	≥ 60dB
		Spurious Response	≥ 70dB	≥ 70dB	Signal to Noise Ratio	≥ 40dB	≥ 36dB
Step Frequency	5KHz / 6.25KHz / 10KHz / 12.5KHz / 20KHz / 25KHz / 30KHz / 50KHz / 100KHz	Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.55KHz)	Spurious	≥ 60dB	≥ 60dB
		Signal to Noise Ratio	≥ 45dB	≥ 40dB	Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.55KHz)
Memory Channels	999	Audio Distortion	≤ 5%		Max. Frequency Deviation	± 5KHz	± 2.5KHz
Work Mode	F2D/F3E	Audio Power	Transceiver ≤ 3W Hand Microphone ≤ 1W		Frequency Stability	± 2.5ppm	
Operating Temperature	-20°C~+60°C				Audio Distortion	≤ 5%	
Antenna Impedance	50Ω	Sensitivity	UHF/VHF: 0.25μV		Output Power	50W / 20W / 10W / 5W (VHF)	40W / 20W / 10W / 5W (UHF)
Power Requirement	13.8VDC ± 15% (Negative Grounded)						
Weight	1437.8g (Including Microphone)						
Dimensions	140x44x207(mm)						

Specifications are subject to change without notice.

Standard Accessories



Optional Accessories



Made by: Quanzhou Wouxun Electronics Co., Ltd.

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