

Dual Band Simultaneous  
Reception  
Dual Display  
Over 999 Memory Channels

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# KG-UV920R

## Main Technical Specification

Frequency Range	(RX) FM: 65-220MHz (Frequency spacing100K) LW: 150-500KHz AM: 500-2000KHz	Frequency Stability	± 2.5ppm
	(RX/TX) FM: 136-174MHz /216-280MHz/350-390MHz 400-470MHz/400-480MHz/420-520MHz	Standby Current	500mA
		TX Current	9.0A (Max.)
		TX Power	VHF: 50W / 25W / 5W UHF: 40W / 20W / 5W
Frequency Steps	5KHz / 6.25KHz / 10KHz / 12.5KHz / 15KHz / 20KHz / 25KHz / 30KHz / 50KHz / 100KHz	Max.Frequency Deviation	< 5KHz
		RX Sensitivity	<0.2uV
Operating Mode	F2D/F3E	Modulation Distortion	< 5%
Antenna Impedance	50Ω	Audio Response	(300-3000Hz) +1~-3dB
Operating Temperature	-20℃ to +60℃	Adjacent Channel Power	12.5KHz < -60dB ± 25KHz < -70dB
Supply Voltage	13.8VDC ± 15%(negative grounded )	Spurious Emission	9KHz~1GHz < -36dBm 1GHz~112.75GHz < -30dBm

## Dual Band Cross-band Repeat

### Multi-band Transmit/Receive

UHF: 400-520MHz, VHF: 136-174MHz, FM: 65-220MHz,  
AM: (1) 500-2000 KHz (2) 50-500KHz (3) 2-30MHz

### Dual Receive

Dual band simultaneous reception

### Dual Display

Wide LCD dual frequency display, with independent operation

### Over 999 Memory Channels

Different areas division

### Strong and Stable RF Power (VHF: 50W / UHF: 40W)

### Front Panel Separation

Convenient panel separation function simplify special installation

### Cross-band Repeat

UHF & VHF cross-band repeat capacity

### Dual Mobiles Same- / Cross-band Repeat

### QT/DQT

### Humanized Speaker Setting

### Caller ID Function

Shows the caller's ID code

### Group Calls, All Calls and Selective Calls

### 1750Hz Burst Tone

