



Silver Medal of the Paris International Exhibition of Inventions

QUAD BANDS Transmission (including SW) EIGHT BANDS Reception (including AM&SW)



KG-UV950P

QUAD Bands Transmission(including SW)

Eight Bands Reception(including AM&SW)

- Twin Band Simultaneous Reception(V-V,U-U,V-U)
- Duplex Communication(Cross-Band mode)
- Same-Band Repeat on two Combined Radios
- Duplex Cross-Band Repeat (Standard Configuration)



CE 0678 FC RoHS REACH ISO9001:2008 ISO14001:2004

Approved Code by Ministry of Industry and Information Technology of the People's Republic of China:

CMIT ID:2010FP6596

This product has been patented, imitation is not permitted.
Patent No. for the Appearance:
ZL201130252178.2 (Mobile Base Transceiver)
ZL201130252179.7 (Hand Microphone)

Description of Functions

- Different Bands TX/RX for different areas:
FM:TX 26-29.995MHz / 50-53.995MHz / 136-174.995MHz / 400-480.995MHz
FM:RX 26-29.995MHz / 50-53.995MHz / 65-108.000MHz / 108-180.995MHz / 320-349.995MHz / 400-480.995MHz / 700-987.995MHz
AM:RX 108-135.995MHz
- Twin Band /Same Band Simultaneous Reception
- Dual Display
Large Screen with Dual Display& Independent Operating
- 999 Memory Channels
(Grouping Channels, Group Channel Name Programming)
- Front Panel and Radio body Flexiable for Separation
- Duplex mode (Cross-Band Simultaneous TX&RX)
- Duplex Cross-Band Repeat (Standard Configuration)
- QT/DQT Encoding/Decoding
QT/DQT Scanning
Non-standard CTCSS/DCS Setting Freely
- Same-Band Repeat on two Combined Radios
- High power output (VHF:50W, UHF:40W)
- Dual Track and Multi-way Loudspeakers
- Hand Microphone DTMF with Loudspeaker, Receiving Indicator and Volume Adjuster
- Caller ID Display
- DTMF Encoding and Decoding
- Group Calls, All Calls and Selective Calls
- 8 groups of Scrambler(Standard Configuration)
- Priority Channel Scanning
- Wide/Narrow Bandwidth Selectable (25KHz/12.5KHz)
- APO Power Management
- Voice Guide(Chinese/English)
- Automatic Temperature Detection
- Lowest Working Votalge setting
- Stun/Kill function
- Single Audio Pulse Frequency (2100Hz/1750Hz/1450Hz/1000Hz (able to Activate Repeating)
- Multiple Backlight Color Selectable
- Scan Channel Adding/Deleting
- Grouping Channel Scanning
- Multiple Scanning Way(SE/CO/TO)
- Remote Control Setting
- Multiple settings for Cooling Fan

Technical Specification

General		Receiver	Wide Bandwidth	Narrow Bandwidth	Transmitter	Wide Bandwidth	Narrow Bandwidth		
Frequency Range	Frequency Range Suitable for any Region of any Country	Adjacent Channel Selectivity	≤ 70dB	≤ 60dB	Type of Modulation	16K F3E	11K F3E		
		Intermodulation	≤ 65dB	≤ 60dB	Adjacent Channel Power	≥ 70dB	≥ 60dB		
		Spurious Response	≤ 70dB	≤ 70dB	Spurious	≥ 60dB	≥ 60dB		
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)	Audio Response	+1~-3dB(0.3~3KHz)	+1~-3dB(0.3~2.55KHz)		
		Signal to Noise Ratio	≥ 45dB	≥ 40dB	Max. Frequency Deviation	± 5KHz	± 2.5KHz		
Memory Channels	999	Audio Distortion	≤ 5%		Frequency Stability	± 2.5ppm			
Work Mode	F2D/F3E	Audio Power	Transceiver ≤ 3W Hand Microphone ≤ 1W		Audio Distortion	≤ 5%			
Operating Temperature	-20℃~+40℃		Sensitivity	400.000-479.995MHz:0.25uV(13dB SINAD) 136.000-174.995MHz:0.25uV(13dB SINAD) 50.000-53.995MHz:0.25uV(13dB SINAD) 26.000-29.995MHz:0.25uV(13dB SINAD) 320.000-349.995MHz:0.25uV(13dB SINAD) 700.000-985.995MHz:-97.0dBm(13dB SINAD)		Output Power	50W / 20W / 10W / 5W (VHF)		
Antenna Impedance	50Ω	40W / 20W / 10W / 5W (UHF)							
Power Requirement	13.8VDC ± 15% (Negative Grounded)								
Weight	1437.8g (Including Microphone)								
Dimensions	140x44x207(mm)								

Note: Different countries or areas are differing from the specific applicable working frequencies and parameters. Specifications are subject to change without notice.

Standard Accessories



Optional Accessories



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