

DUAL BAND DUAL FREQUENCY DUAL DISPLAY AND DUAL STANDBY

A/B

A/B Switch Key on
Master Frequency

TDR

Single/Dual Band
Switch Key

MENU + TDR

Channel/Frequency Mode
Combination Key

KG-UV2D

Frequency Range Can Be Suitable for Different Countries or Areas

136-174 & 350-470MHz(RX/TX)

136-174 & 400-480MHz(RX/TX)

136-174 & 420-520MHz(RX/TX)

136-174 & 400-470MHz(RX/TX)

136-174 & 245-250MHz(RX/TX)

136-174 & 216-280MHz(RX/TX)

136-174 & 225-226MHz(RX/TX)

144-146 & 430-440MHz(RX/TX)

66-88 & 400-480MHz(RX/TX)

Work Mode: U-V, V-U, V-V, U-U Can Be Set Freely

DTMF Encoding Function

1750Hz Burst Tone

CTCSS/DCS Scan(Digital/Analog)

FM Radio(76-108MHz)

SOS Function

Bright Flashlight Illumination



ID:WVTWOUXUN04



ISO9001:2008



ISO14001:2004

Description of Functions

- Frequency Range Can Be Suitable for Different Countries or Areas
136-174 & 350-470MHz(RX/TX)
136-174 & 400-480MHz(RX/TX)
136-174 & 420-520MHz(RX/TX)
136-174 & 400-470MHz(RX/TX)
136-174 & 245-250MHz(RX/TX)
136-174 & 216-280MHz(RX/TX)
136-174 & 225-226MHz(RX/TX)
144-146 & 430-440MHz(RX/TX)
66-88 & 400-480MHz(RX/TX)
FM: 76-108MHz(RX)
- SOS Function
- DTMF Encoding Function
- 1750Hz Burst Tone
- CTCSS/DCS Scan(Digital/Analog)
- Bright Flashlight Illumination
- Band Can Be Set Freely on The Same Channel
VHF TX-UHF RX or UHF TX-VHF RX
- English Voice Guide
- Digital FM Radio
- Wide/Narrow Bandwidth Selection
(25KHz/12.5KHz)
- Priority Scan, Add Scanning Channel
- High/Low Power Selection
- Channel Name Edit and Display
- 50 Groups CTCSS/105 Groups DCS
- Multi Step Frequency:
(5K/6.25K/10K/12.5K/25K/50K/100K)
- Multi Scan
- VOX Transmission
- Transmit Overtime Voice Prompt
- Begin/End Transmitting Beep Prompt
- Auto/Manual Keypad Lock
- Wire Clone, Programmable By Computer
- Stopwatch Function
- Low Voltage Voice Prompt
- Busy Channel Lockout
- Work Mode:U-V, V-U, V-V, U-U Can Be Set Freely

Technical Specification

General		Receiver		Transmitter	
Frequency Range	Frequency Range Can Be Suitable for Different Countries or Areas	Sensitivity(12dB SINAD)	0.16 μ V	Frequency Stability	\pm 2.5PPM
		Squelch Rejection Sensitivity	\leq 0.8 μ V	RF Carrier Power	UHF:4W VHF:5W
		Squelch Sensitivity	\leq 0.2 μ V	Effective Radiated Power	Power Changes not Exceed Preset Value \pm 7.5dB
Number of Channels	128 Channels	Audio Output Power	500mW	Max Frequency Deviation	Channel Space 25KHz \pm 5KHz/12.5KHz \pm 2.5KHz
Operating Voltage	7.4V	Audio Distortion	\leq 5%	Audio Modulation	+3dB(Pre-emphasis by 6dB between 0.3-3KHz)
Operating Temperature	-30 $^{\circ}$ C ~60 $^{\circ}$ C	Audio Response	(300-3000Hz)+1~-3dB	Adjacent Channel Power	Channel Space 25KHz \geq 70dB / 12.5KHz \geq 60dB
Operating Way	Simplex of Co-channel or Dis-channel	Co-channel Reject	\geq -8.0dB	Spurious Radiation	\leq -30dBm
Antenna Impedance	50 Ω	Performance of Amplitude Limiter	\leq 3	Intermodulation Attenuation	\geq 40dB
Frequency Stability	\pm 2.5PPM	Adjacent Channel Selection	Channel Space 25KHz \geq 70dB / 12.5KHz \geq 60dB	Modulation Distortion	\leq 10%
Weight	246g	Intermodulation	\geq 65dB	Residual FM	\leq -35dB
Dimension	59x119x37(mm)	Blocking	\geq 84dB	Residual AM	\leq 3%
		Spurious Radiation	9KHz-1GHz \leq -57dBm 1GHz Above-4GHz \leq -47dB		

Specifications are subject to change without notice.

Standard Accessories



Li-ion Battery pack



Intelligent Charger



Beltclip



Antenna



Handstrap



User's Manual

Optional Accessories



Dual-slot Charger



Six-way Charger



"AA" Battery pack



Leather Case



Eliminator



Car Charger



MIC



Headset

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