

KG-UV7D IP55

U-V Dual Band/ Dual Standby/ Dual Display

199 Memory Channels

CTCSS/DCS Scan

DTMF Encoding

Dual Frequency



CE FC RoHS REACH

ISO9001:2008
ISO14001:2004

Description of Functions

- Frequency Range Can be Suitable for Different Countries or Areas
136-174/400-512MHz(TX/RX)
FM: 76-108MHz(RX)
- 199 Memory Channels
- 1750Hz Burst Tone
- DTMF Encoding Function
- Work Mode: U-V, V-U, V-V, U-U Can be Set Freely
- CTCSS/DCS Scan
- VOX Transmission
- SOS Function
- Bright Flashlight Illumination
- Band Can be Set Freely on the Same Channel
VHF TX-UHF RX or UHF TX-VHF RX
- Digital FM Radio
- Bandwidth Selectable
- Multi Scan Mode
- Priority Scan, Add Scanning Channel
- High/Low Power Selection
- Channel Name Edit and Display
- 50 Groups CTCSS/105 Groups DCS
- Low Voltage Voice Prompt
- Busy Channel Lockout
- Transmit Overtime Voice Prompt
- Begin/End Transmitting Beep Prompt
- Auto/Manual Keypad Lock
- Wire Clone, Programmable by Computer
- Multi Step Frequency: 2.5K(Optional)/5K/6.25K/10K/12.5K/25K/50K/100K
- Display Selectable on Channel Mode
- High Capacity Li-ion Battery pack
- Power on Display Message Customizable
- English Voice Guide
- IP55 Waterproof

Technical Specification

General		Receiver		Transmitter	
Frequency Range	136-174/ 400-512MHz (TX/RX)	Sensitivity(12dB SINAD)	0.16 μ V	Frequency Stability	\pm 2.5PPM
		Squelch Rejection Sensitivity	\leq 0.8 μ V	RF Carrier Power	VHF:7W, UHF:5W
		Squelch Sensitivity	\leq 0.2 μ V	Effective Radiated Power	Power Changes not Exceed Preset Value \pm 7.5dB
Number of Channels	199	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	\pm 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 $>$ 70dB/12.5KHz $>$ 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 $>$ 70dB / 12.5KHz $>$ 60dB	Modulation Distortion	\leq 10%
Waterproof	IP55	Intermodulation	\geq 65dB	Residual FM	\leq -35dB
Weight	253g	Blocking	\geq 84dB	Residual AM	\leq 3%
Dimension	65x119x39.5(mm)	Spurious Radiation	9KHz-1GHz \leq -57dBm 1GHz Above -4GHz \leq -47dBm		

Specifications are subject to change without notice.

Standard Accessories



2600mAh 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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