



1st Type Approval Certificate of P.R.C. for Dual Band Two Way Radio

CMIIT ID: 2009FP5789

This product has been patented, imitation is not permitted.

Patent No. for the Appearance: ZL200930009025.8

UV KG-UVD1P

GRAND GOING ON THE MARKET

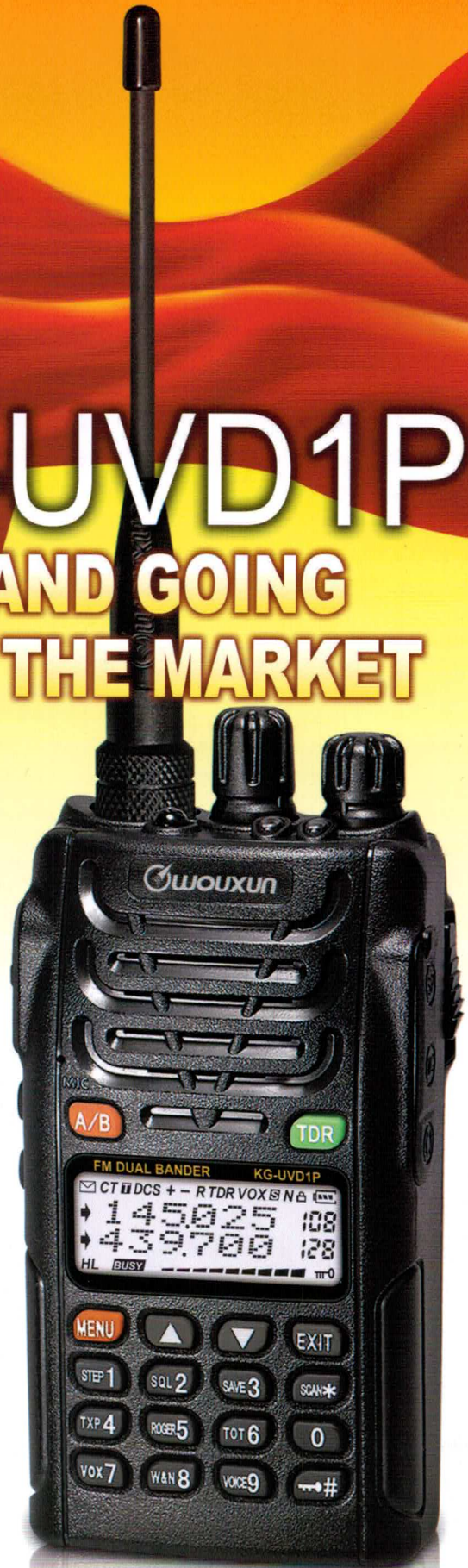
P Version: Upgrade Function

**DUAL BAND DUAL FREQUENCY
DUAL DISPLAY AND DUAL STANDBY**



Frequency Range Can Be Suitable for Different Countries or Areas

- 136-174 & 216-280MHz(RX/TX)
- 136-174 & 350-470MHz(RX/TX)
- 136-174 & 400-480MHz(RX/TX)
- 136-174 & 420-520MHz(RX/TX)
- 144-146 & 430-440MHz(RX/TX)
- 144-148 & 222-225MHz(RX/TX)
- 66-88 & 136-174MHz(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
- Power on Display Message Customizable
- Display Selectable on Channel Mode



REACH FC IC



ISO9001:2008
ISO14001:2004

Description of Functions

- Frequency Range Can Be Suitable for Different Countries or Areas
136-174 & 216-280MHz(RX/TX)
136-174 & 350-470MHz(RX/TX)
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66-88 & 136-174MHz(RX/TX)
66-88 & 400-480MHz(RX/TX)
FM: 76-108MHz(RX)
- Work Mode: U-V, V-U, V-V, U-U Can Be Set Freely
- 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
- Bandwidth Selectable
- Priority Scan, Add Scanning Channel
- High/Low Power Selection
- Channel Name Edit and Display
- Multi Scan
- 50 Groups CTCSS/105 Groups DCS
- Multi Step Frequency:
(5K/6.25K/10K/12.5K/25K/50K/100K)
- 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
- Power on Display Message Customizable
- Display Selectable on Channel Mode
- IP55 Waterproof

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%
Waterproof	IP55	Intermodulation	\geq 65dB	Residual FM	\leq -35dB
Weight	248g	Blocking	\geq 84dB	Residual AM	\leq 3%
Dimension	61x119.5x37.5(mm)	Spurious Radiation	9KHz-1GHz \leq -57dBm 1GHz Above -4GHz \leq -47dBm		

Specifications are subject to change without notice.

Standard Accessories



Li-ion Battery pack
(BLO-001)



Intelligent Charger
(CHO-001)



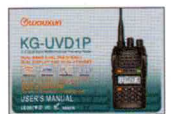
Beltclip
(BEO-001)



Antenna
(ANO-001)



Handstrap
(RO-001)



User's Manual

Optional Accessories



Dual-slot Charger
(CHO-004)



Six-way Charger
(CHO-006)



"AA" Battery pack
(BAO-001)



Leather Case
(LCO-D01)



Eliminator
(ELO-001)



Car Charger
(CCO-001)



MIC
(SMO-001)



Headset
(HEO-001)

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