



# Large Colorful Screen Same-Band/Cross-Band Simultaneous Reception

*Dual Work Mode(TX on one area while RX on the other area simultaneously)*

The Two Way Radio Experts



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**U.V**  
Dual Band  
DTMF

## KG-UV8D

U.V Dual Band Multifunctional Two-way Radio

- Large Colorful Screen
- Multi Display Languages
- Duplex Repeater (VHF to UHF or UHF to VHF)
- VOX
- Channel Group Scanning
- DTMF Encoding/Decoding
- All Calls, Group Calls and Selective Calls
- High/Low Power Selection(VHF:5W/1W, UHF:4W/1W)

CE0678

FC



REACH



ISO9001:2008  
ISO14001:2004

## Description of Functions

- Duplex Repeater (VHF to UHF or UHF to VHF)
- Duplex Work Mode (TX on one area while RX on the other area simultaneously)
- Dual Receiving (RX on the same/different bands of A&B areas simultaneously)
- Large Colorful Screen
- Frequency Range (suitable for different countries or areas):  
136-174&400-470MHz (RX/TX)  
144-146&430-440MHz(RX/TX)  
136-174&400-480MHz (RX/TX)  
(RX)FM:76MHz-108MHz(Space:100K)  
136-174&420-520MHz (RX/TX)
- 999 Memory Channels
- Dual Display  
Dual Band Display on Large Screen, Two Independent Operation System
- Frequency Offset and Direction Programmable in Repeater Mode UHF/VHF or VHF/UHF Cross-Band Repeater
- Strong and Stable Output Power (VHF: 5W/UHF: 4W)
- VOX
- QT/DQT Encoding/Decoding, QT/DQT Scan
- Multi Definition for Sidekeys
- Incoming Message Display (Caller ID display)
- DTMF Encoding&Decoding
- All Calls, Group Calls And Selective Calls
- SOS Function
- Priority Scan Function
- Remote Alarm
- Wide/Narrow Bandwidth Selection (25KHz/12.5KHz)
- Voice Guide:Chinese/English
- Chinese/English Screen Display
- Bright Flashlight Illumination
- Single-Tone Pulse Frequency: 2100Hz/1750Hz/1000Hz/1450Hz (signalling for activating repeater)
- Reverse Frequency
- Stopwatch

## Technical Specification

Intergration		Receiving	Wide	Narrow	Transmitter	Wide	Narrow
Frequency Range	Suitable for Different Countries or Areas 136-174MHz & 400-470MHz 136-174MHz & 400-480MHz 136-174MHz & 420-520MHz 144-146MHz & 430-440MHz 144-148MHz & 420-450MHz	Adjacent Channel Selectivity	≤70dB	≤60dB	Type of Modulation	16K F3E	11K F3E
		Inter Modulation	≤65dB	≤60dB	Adjacent Channel Power	≥70dB	≥60dB
		Spurious Response	≤70dB	≤70dB	Spurious	≥60dB	≥60dB
Step	2.5KHz(optional) / 5KHz / 6.25KHz / 10KHz / 12.5KHz / 25KHz / 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)
Channel Number	999	Signal to Noise Ratio	≥45dB	≥40dB	Max Frequency Deviation	± 5KHz	± 2.5KHz
Work Mode	F2D/F3E	Audio Distortion	≤5%		Frequency Stability	± 2.5ppm	
Operating Temperature	-20℃~+40℃	Audio Power	Transceiver≤500mW		Audio Distortion	≤5%	
Antenna Resistance	50Ω	Sensitivity	UHF/VHF: 0.25μV(12dB SINAD)		Output Power	5W / 1W(VHF)	
Voltage	7.4VDC					4W / 1W(UHF)	
Weight	490g						
Size	124.5x 61.49 x 33.88 (mm)						

Specifications are subject to change without notice.

## Standard Accessories



1700mAh Li-ion Batterypack (BLO-008)



Intelligent Charger (CH-001)



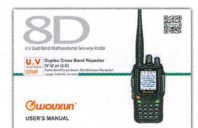
Beltclip (BEO-006)



Antenna (ANO-021)



Handstrap (RO-001)



User's Manual

## Optional Accessories



Six-way Charger (CHO-009)



2600mAh Li-ion Batterypack (BLO-009)



Eliminator (ELO-003)



Car Charger (CCO-001)



MIC/Speaker (SMO-001)



Headset (HEO-001)



Headset (HEO-005)

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