



## KG-UVA1

**Proffsradio - Yrkesradio - Jaktradio - Båtradio - PMR**

Talande kanalväljare - Vattentålig IP55 -  
Dual-band - 16 kanaler - Utbytbar antenn  
SCAN - VOX



### Functions ( KG-UVA1):

- **CE FCC approved.(FCC ID:WVTWOUXUN04)**
- Frequency Range Can Be Suitable For Different Countries or Areas
  - 136-174&350-470 MHz (RX/TX)
  - 136-174&400-480 MHz (RX/TX)
  - 136-174&420-520 MHz (RX/TX)
  - 136-174&216-280 MHz (RX/TX)
  - 144-148&222-225 MHz (RX/TX)
  - 144-146&430-440 MHz (RX/TX)
  - 66-88&136-174 MHz (RX/TX)
  - 66-88&400-480 MHz (RX/TX)
- FM: 76-108 MHz (RX)
- Work Mode : U-V、 V-U、 V-V、 U-U can be set freely
- SOS Function
- 1750Hz Burst Tone
- DTMF Encoding Function
- 105 Groups DCS/50 Groups CTCSS
- Bright Flashlight Illumination
- Band Can Be Set Freely: VHF TX-UHF RX or UHF TX-VHF RX
- English Voice Guide
- FM Radio
- Wide/Narrow Bandwidth Selection(25KHz /12.5KHz )
- Priority Channel Scan
- High/Low Power Selection(VHF:5W/1W UHF4W/1W)
- Add Scanning Channel
- Multi Scan Mode (TO/CO/SE)
- VOX Transmission(Level Adjustable)
- Transmit Overtime Voice Prompt
- Begin/End Transmitting BEEP Prompt
- Program By Computer
- Wire Clone Function
- Intelligent Charger
- High Capacity Li-ion Battery
- IP55 Waterproof
- Voice Prompt
- Low Battery Prompt
- Busy Channel Lockout

**Technical Specification:**

## KG-UVD1P Technical Specification

Frequency Range	Frequency Range Can Be Suitable For Different Countries or Areas 136-174&350-470 MHz (RX/TX) 136-174&400-480 MHz (RX/TX) 136-174&420-520 MHz (RX/TX) 136-174&216-280 MHz (RX/TX) 144-146&430-440 MHz (RX/TX) 144-148&222-225 MHz (RX/TX) 66-88&136-174 MHz (RX/TX) 66-88&400-480 MHz (RX/TX) FM: 76-108 MHz (RX)
Memory Channels	16 channels
Frequency Stability	±2.5ppm
Operating Voltage	7.4V
Operating Temperature	-30°C~+60°C
Waterproof	IP 55
Antenna Impedance	50Ω
Dimension	61×121×37.5(mm)
Weight	228g
<b>Transmitter</b>	
Frequency Stability	±2.5PPM
RF Carrier Power	UHF: 4W VHF: 5W
Effective Radiation Power (ERP)	within pre-determined value ±7.5dB
Max. Frequency Deviation	Channel Space: 25KHz ±5KHz Channel Space: 12.5KHz ±2.5KHz
Audio Modulation	+3dB (pre-emphasis by 6dB between 0.3-3KHz)
Adjacent Channel Power	Channel Space: 25KHz ≥70 dB Channel Space: 12.5KHz ≥60 dB
Spurious Radiation(TX)	≤-36dBm
Inter modulation Attenuation	≥40dB
Modulation Distortion	≤10%
Residual FM	≤-35dB
Residual AM	≤3%
<b>Receiver</b>	
Sensitivity (12dB SINAD)	0.16μV
Squelch Sensitivity	≤0.2μV
Audio Output power	500mW
Audio Distortion	≤5%
Audio Response	(300-3000Hz) +1 to -3dB
Co-channel Rejection	≥-8.0dB
Performance of Amplitude Limiter	≤3
Adjacent Channel Selection	Channel Space: 25KHz ≥70 dB Channel Space: 12.5KHz ≥60 dB
Inter-modulation	≥65 dB
Spurious Radiation	9KHz-1GHz≤-57dBm 1GHz-4GHz≤-47dBm