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› Quansheng UV-K5 Dual Band Two-Way Radio User Manual

SHIQUN UV-K5

Quansheng UV-K5 Dual Band Two-Way Radio User Manual

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your Quansheng UV-K5 Dual Band Two-Way Radio. Please read this manual thoroughly before operating the device to ensure optimal performance and safety. The UV-K5 is a versatile communication device designed for various indoor and outdoor applications, featuring dual-band operation, NOAA weather alerts, USB-C charging, and advanced communication functions.

SETUP

Unpacking and Inspection

Carefully unpack your Quansheng UV-K5 radio and inspect all components for any signs of damage. If any items are missing or damaged, please contact your retailer.

Package Contents:

- Portable Radio
- 1600mAh Li-ion Battery
- Antenna
- Charger (Charging Dock)
- USB-C Cable
- Belt Clip
- Strap
- User Manual (this document)



Figure 1: Quansheng UV-K5 Radio and Standard Included Accessories.

Battery Installation

1. Ensure the radio is powered off.
2. Align the 1600mAh Li-ion battery with the battery compartment on the back of the radio.
3. Slide the battery into place until it clicks securely.
4. To remove, press the release latch (if present) and slide the battery out.

Antenna Attachment

1. Screw the antenna clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.

Initial Charging

Before first use, fully charge the radio's battery.

1. Connect the charging dock to a power source using the provided charger.
2. Place the radio (with battery installed) into the charging dock. The charging indicator light will typically show red while charging and turn green when fully charged.

- Alternatively, use the USB-C cable to charge the radio directly. Connect the USB-C cable to the radio's USB-C port and a compatible USB power adapter or power bank.



Figure 2: Available Charging Methods for the UV-K5 Radio.

OPERATING INSTRUCTIONS

Power On/Off

To power on the radio, rotate the volume knob clockwise until you hear a click. To power off, rotate the volume knob counter-clockwise until it clicks.

Volume Adjustment

Rotate the volume knob to adjust the audio output level.

Channel Selection and Scanning

The UV-K5 features Multi-Scan Technology, allowing you to efficiently find active frequencies.

- **Manual Channel Selection:** Use the up/down arrow buttons or the keypad to enter a desired channel number or frequency.
- **Scanning:** Press the 'Scan' button (often labeled with an asterisk or 'Scan' text) to initiate channel

scanning. The radio will stop on an active channel. Press 'Scan' again to resume scanning.

NOAA Weather Alert

The radio includes a built-in 10-channel NOAA weather receiver to provide real-time weather updates and alerts.

1. Access the NOAA weather function through the menu or a dedicated button (refer to the radio's display for specific navigation).
2. Select a NOAA weather channel to monitor local weather conditions.



Figure 3: NOAA Weather Alert Feature in Action.

DTMF and Scrambler Functions

- **DTMF (Dual-Tone Multi-Frequency):** Use the keypad to send DTMF tones for precise dialing or control functions on compatible systems.
- **10-Group Scrambler:** Activate the scrambler feature through the radio's menu to encrypt your voice transmissions, ensuring secure communication within your group.

Wireless Radio Replication (Frequency Copy)

The UV-K5 supports wireless frequency copying, allowing you to quickly replicate channel settings from another compatible radio.

1. Ensure both radios are in close proximity and in the appropriate copy mode (refer to the radio's on-screen instructions).
2. Initiate the copy process on the master radio.
3. Confirm the reception on the UV-K5.

Frequency Range and Talking Range

- **Frequency Range:** 144-148MHz (VHF), 420-450MHz (UHF).
- **Talking Range Maximum:** Up to 3.1 miles under optimal conditions. Actual range may vary significantly based on terrain, obstructions, and atmospheric conditions.

MAINTENANCE

Battery Care

- To prolong battery life, avoid fully discharging the battery frequently.
- Store the radio and battery in a cool, dry place when not in use for extended periods.
- Do not expose the battery to extreme temperatures or direct sunlight.

Cleaning

- Wipe the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the radio is powered off and the USB-C port cover is securely closed before cleaning.

Water Resistance

The Quansheng UV-K5 radio is not water resistant. Avoid exposing the device to rain, splashes, or immersion in water to prevent damage.

TROUBLESHOOTING

If you encounter issues with your Quansheng UV-K5 radio, please refer to the following common problems and solutions:

- **Radio does not power on:** Ensure the battery is correctly installed and fully charged.
- **No audio:** Check the volume level. Ensure the antenna is securely attached.
- **Cannot transmit or receive:** Verify that you are on the correct frequency/channel. Check for obstructions or excessive distance between radios.
- **Poor audio quality:** Ensure the antenna is properly connected. Move to an area with fewer obstructions.

If the problem persists, please contact customer support.

SPECIFICATIONS

Feature	Detail
Item Weight	1.06 pounds
Product Dimensions	1.3 x 2.36 x 11.02 inches
Item Model Number	UV-K5

Batteries	1 Lithium Ion battery required (included)
Brand	SHIQUN
Color	Desert Camo
Number of Channels	200
Special Features	DTMF, Full Band, USB-C Charging, Weather Alert, Wireless Frequency Copy
Frequency Range	144-148MHz, 420-450MHz
Talking Range Maximum	3.1 Miles
Voltage	7.4 Volts
Water Resistance Level	Not Water Resistant
Manufacturer	Shiqun Electronics Co., Ltd



Figure 4: Physical Dimensions of the UV-K5 Radio.

WARRANTY INFORMATION

The Quansheng UV-K5 radio comes with a 1-year warranty provided exclusively through "Shiqun Electronics Co., Ltd". Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, or unauthorized modifications.

CUSTOMER SUPPORT

For technical assistance, troubleshooting not covered in this manual, or warranty inquiries, please contact Shiqun Electronics Co., Ltd. customer service. Refer to your purchase documentation for contact details.