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BAOFENG UV-K61

BAOFENG UV-K61 Multi-Band Two-Way Radio Instruction Manual

Model: UV-K61

Introduction

This manual provides comprehensive instructions for the safe and efficient operation of your BAOFENG UV-K61 Multi-Band Two-Way Radio. Please read this manual thoroughly before using the device to ensure proper functionality and to prevent damage.

Package Contents

Verify that all items are present in your package:

- BAOFENG UV-K61 Radio
- 2600mAh High Capacity Battery
- High Gain Antenna
- USB-C Charger Cable
- Charger Dock
- Belt Clip
- Hand Strap
- User Manual (this document)
- 48cm/18.89in Foldable Tactical Antenna
- Programming Cable
- Shoulder Speaker Microphone



Figure 1: BAOFENG UV-K61 Radio and Included Accessories.

Product Overview

The BAOFENG UV-K61 is a versatile multi-band two-way radio designed for reliable communication. It features a 1.44-inch LCD screen, 999 channels, and various functions including NOAA weather alerts and wireless frequency copying.



Figure 2: Labeled Diagram of BAOFENG UV-K61 Components.



Figure 3: 1.44-inch LCD Screen and Display Features.

Setup

1. **Install Battery:** Align the battery with the back of the radio and slide it into place until it clicks securely.
2. **Attach Antenna:** Screw the antenna clockwise onto the connector at the top of the radio until it is finger-tight.
3. **Charge Battery:** Before first use, fully charge the battery using the provided charger dock and USB-C cable. Refer to the "Charging" section for details.
4. **Attach Belt Clip/Hand Strap:** Secure the belt clip or hand strap to the designated slots on the radio for convenient carrying.

Operating Instructions

Power On/Off

To power on the radio, rotate the Volume/Power knob clockwise. To power off, rotate it counter-clockwise until it clicks.

Channel Selection

The radio supports up to 999 channels. Use the keypad to directly enter a channel number or use the up/down arrow keys to navigate through channels. Press the 'V/M' button to switch between Frequency (VFO) mode and Channel (MR) mode.

Wireless Frequency Copying (One Key Match Frequency)

This feature allows the radio to quickly copy frequencies from another radio.

1. **Step 1:** Turn on the radio. Press and hold the 'V/M' button. The screen will display "SEARCH".
2. **Step 2:** Press and hold the transmit button on the other radio. When the UV-K61 finishes searching and displays the frequency and decode, press 'MENU' for confirmation.
3. **Step 3:** Switch to channel mode. The screen will show the frequency of the other radio, allowing for immediate communication.

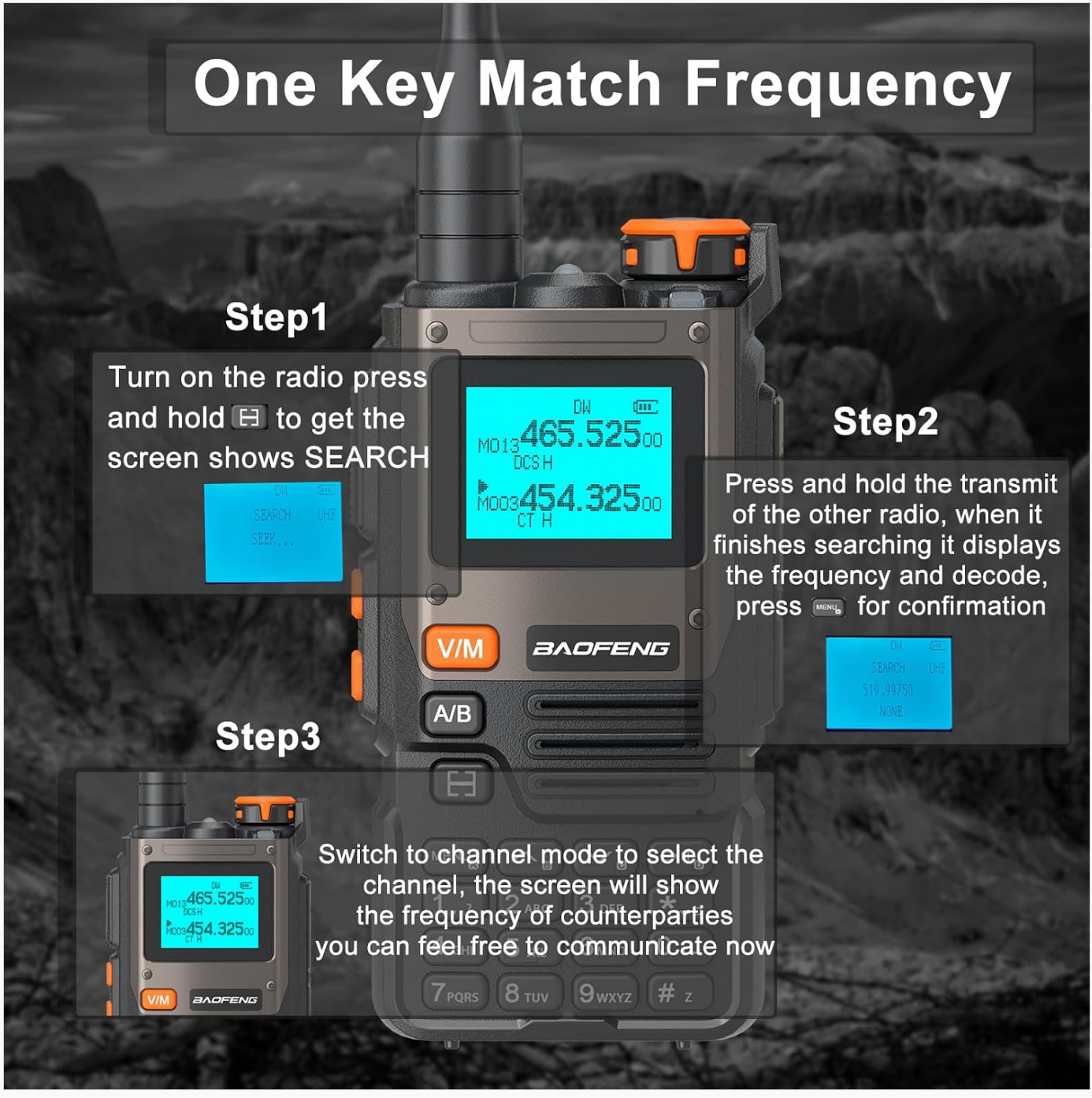


Figure 4: Wireless Frequency Copying Procedure.

NOAA Weather Alerts

The UV-K61 includes a built-in NOAA receiver with 10 channels for real-time weather reports and alerts. To access NOAA

weather channels, navigate to the dedicated NOAA function in the radio's menu or through a pre-programmed shortcut if available. This feature helps ensure safety during outdoor activities or emergency situations.



Figure 5: NOAA Weather Alert Feature.

Charging

The radio can be charged using the provided USB-C cable directly or via the charger dock. The 2600mAh battery ensures extended operation.

- **USB-C Direct Charging:** Connect the USB-C cable to the radio's USB-C port and to a power source (e.g., power bank, car charger, laptop, USB wall adapter).
- **Charger Dock:** Place the radio into the charger dock. Connect the charger dock to a power outlet using the provided adapter.

An LED indicator on the battery or radio will show charging status:

- **Red:** Charging
- **Green:** Charged



Figure 6: Battery Features and LED Indicator.



Figure 7: Multiple Charging Options.

VOX Function

The Voice Operated Exchange (VOX) function allows for hands-free transmission. When VOX is enabled, the radio will automatically transmit when it detects your voice, eliminating the need to press the PTT button. Adjust VOX sensitivity in the menu settings.

Flashlight

The radio is equipped with a built-in flashlight. Activate it via the dedicated flashlight button or through the menu, as indicated in the product overview diagram.

AM/FM Radio

The UV-K61 supports both AM and FM radio reception. Access this feature through the menu or a dedicated button to listen to broadcast radio stations.

Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or solvents.
- **Battery Care:** Store the battery in a cool, dry place. Avoid fully discharging the battery for extended periods.
- **Antenna Care:** Ensure the antenna is securely attached. Avoid bending or forcing the antenna, as this can damage the connector.
- **Water Resistance:** This device is **Not Water Resistant**. Avoid exposure to water or high humidity.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on	Battery is low or not installed correctly.	Charge the battery. Reinstall the battery, ensuring it clicks into place.
Cannot transmit or receive	Incorrect frequency/channel. Antenna not properly attached.	Verify frequency/channel settings. Ensure antenna is securely screwed on.
Poor audio quality	Low battery. Obstructions between radios.	Charge the battery. Move to an open area or closer to the other radio.
Wireless frequency copy fails	Other radio not transmitting or too far away.	Ensure the other radio is transmitting and within close range during the process.

Specifications

Feature	Detail
Model Number	UV-K61
Number of Channels	999
Battery Capacity	2600mAh Lithium Ion
Charging	USB-C, Charger Dock
Special Features	10 NOAA Weather Alarm, Multi-Band (AM/FM), One Key Match Frequency, VOX Function, Flashlight
Talking Range Maximum	5 Kilometers (approx. 3.1 miles)
Voltage	7.4 Volts (DC)
Product Dimensions	1.37 x 2.16 x 4.72 inches
Item Weight	1.65 pounds (approx. 26.45 ounces)
Water Resistance Level	Not Water Resistant

Warranty and Support

Warranty: A 1-year warranty is provided through "Shiqun Electronics Co., Ltd". Please retain your proof of purchase for warranty claims.
For technical support or service inquiries, please contact your retailer or the manufacturer directly. Refer to the product

packaging or manufacturer's website for contact information.

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