BAOFENG UV-K61

BAOFENG UV-K61 Two-Way Radio Instruction Manual

Model: UV-K61

Introduction

This manual provides detailed instructions for the safe and effective use of your BAOFENG UV-K61 two-way radio. Please read this manual thoroughly before operating the device to ensure optimal performance and to prevent damage.

Product Overview

Package Contents

The BAOFENG UV-K61 package includes the following items:

- 1x UV-K61 Radio
- 1x 2600mAh High Capacity Battery
- 1x High Gain Antenna
- 1x USB-C Charger Cable
- 1x Charger Dock
- 1x Belt Clip
- 1x Hand Strap
- 1x User Manual
- 1x 48cm/18.89in Foldable Tactical Antenna



Image: The BAOFENG UV-K61 radio shown with its complete set of accessories, including the radio unit, battery, two antennas, USB-C cable, charging dock, belt clip, and hand strap.

Key Features

- Up to 999 Channels for versatile communication.
- Multiple charging options: USB-C cable, US base charger, compatible with power banks, car chargers, and laptops.
- Large 2600mAh rechargeable battery for extended use.
- Wireless Frequency Copying for quick setup and programming.
- Built-in NOAA receiver with 10 channels for real-time weather alerts.
- 1.44" LCD Screen with dual display for clear visibility.
- VOX Function for hands-free operation.
- Integrated Flashlight.
- AM/FM Radio functionality.



Image: A visual representation of the BAOFENG UV-K61's main functions, including 999 channels, frequency copy, VOX, 2600mAh battery, flashlight, 10 NOAA channels, FM radio, and AM radio.



Image: A detailed diagram labeling the various components of the BAOFENG UV-K61 radio, including the antenna, flashlight, PTT key, alarm switch, radio/monitor button, sweep key, menu key, volume/power knob, 1.44" LCD screen, 2-pin K port, V/M-VFO/MR button, A/B select key, speaker, exit key, and keypad.

Setup

1. Battery Installation

1. Align the battery pack with the grooves on the back of the radio.
2. Slide the battery upwards until it clicks into place.
3. To remove, press the battery release latch and slide the battery downwards.

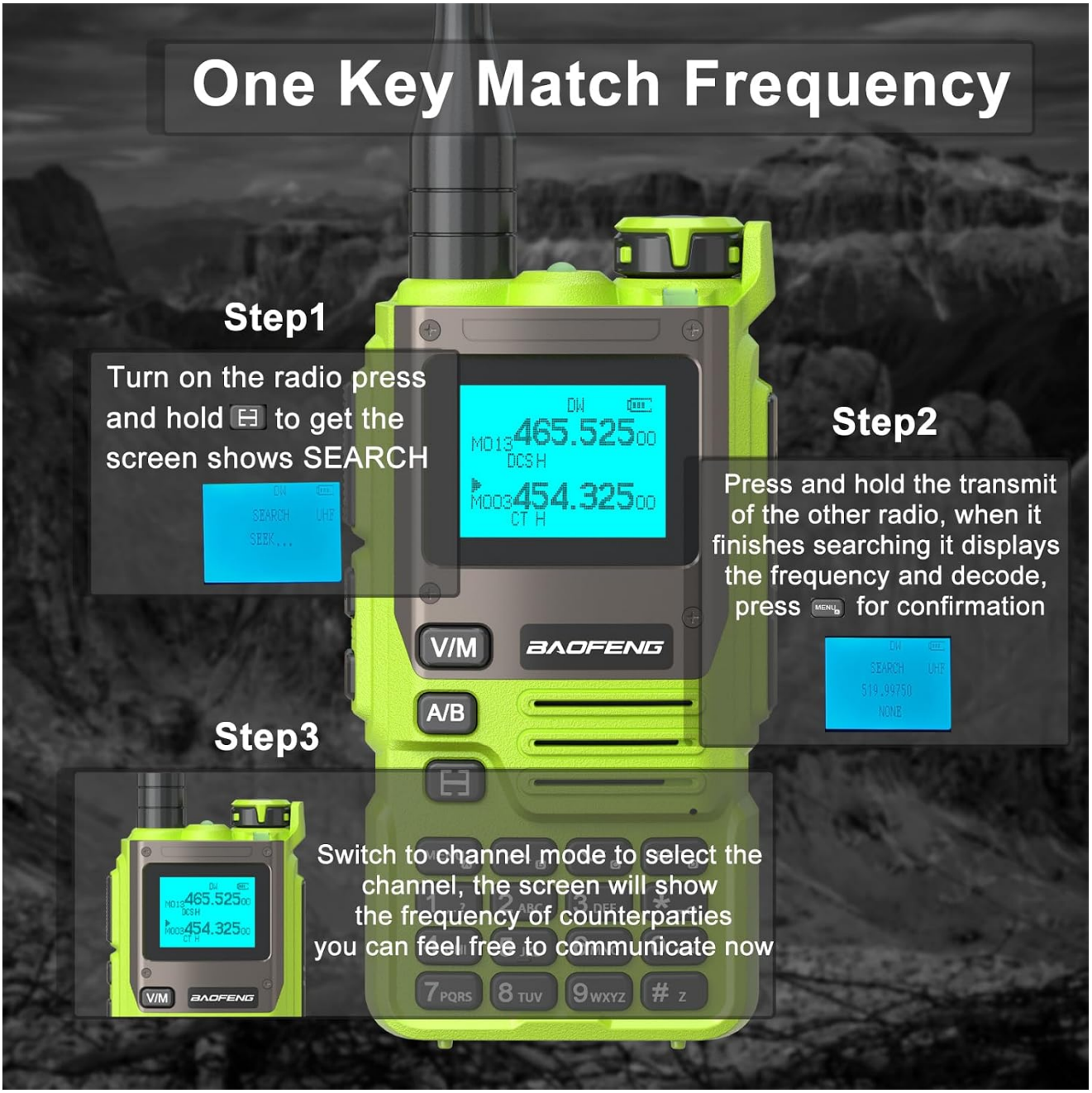


Image: The 2600mAh high-capacity battery for the BAOFENG UV-K61, highlighting its USB-C port and LED charging indicators (Red for charging, Green for charged).

2. Antenna Attachment

Screw the desired antenna (High Gain or Foldable Tactical Antenna) clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.

3. Charging the Battery

Before first use, fully charge the battery. The UV-K61 offers multiple charging methods:

- **Using the Charger Dock:** Place the radio with the battery installed into the charger dock. Connect the US base charger to the dock and a power outlet.
- **Using the USB-C Cable:** Connect the USB-C cable directly to the USB-C port on the battery pack or the radio (if available) and to a power source such as a power bank, car charger, or laptop.

The LED indicator on the battery or charger dock will show red during charging and turn green when fully charged.



Image: Various charging methods for the BAOFENG UV-K61, including using a laptop, USB power source, car charger, power bank, and the dedicated charger dock.

Operating Instructions

1. Power On/Off and Volume Control

Rotate the **Volume/Power knob** clockwise to turn on the radio. Continue rotating to increase the volume. Rotate counter-clockwise to decrease volume and turn off the radio.

2. Channel Selection and Frequency Mode

The UV-K61 supports up to 999 channels. Use the**V/M-VFO/MR button** to switch between Frequency (VFO) mode and Channel (MR) mode. In Channel mode, use the keypad or up/down arrows to select a channel. In Frequency mode, you can directly input frequencies using the keypad.



Image: The 1.44-inch LCD screen of the BAOFENG UV-K61, showing a dual-frequency display and menu options for clear readability day or night.

3. Wireless Frequency Copying (One Key Match Frequency)

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

1. **Step 1:** Turn on your UV-K61 radio. Press and hold the designated button (refer to your radio's specific button layout, often a side button or a menu option) to initiate the "SEARCH" function. The screen will display "SEARCH".
2. **Step 2:** On the other radio you wish to copy from, press and hold its transmit (PTT) button. Your UV-K61 will search for and display the frequency and decode information.
3. **Step 3:** Once the search is complete and the frequency is displayed, press the confirmation button (e.g., MENU) on your UV-K61 to save the frequency. Switch to channel mode to select the newly copied channel and begin communication.



Image: A three-step visual guide demonstrating the "One Key Match Frequency" feature, showing how to search, receive, and confirm frequencies from another radio.

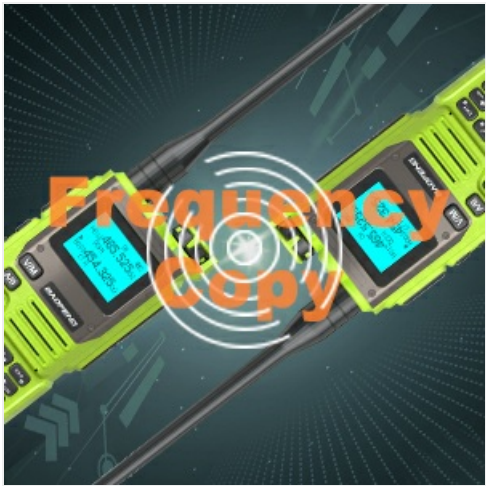


Image: A graphic depicting two BAOFENG UV-K61 radios with a circular wave icon, symbolizing the wireless frequency copy capability.

4. Transmitting and Receiving

- To transmit, press and hold the **PTT (Push-To-Talk) button** on the side of the radio. Speak clearly into the microphone.
- Release the PTT button to receive.

5. NOAA Weather Channels

The UV-K61 includes a built-in NOAA receiver with 10 channels for weather alerts. Access these channels through the menu system to receive real-time weather reports and stay informed about severe weather conditions.



Image: A graphic showing the BAOFENG UV-K61 radio with a lightning bolt and "10 NOAA Weather Alert" text, indicating its capability to receive weather

warnings.

6. VOX Function

The VOX (Voice Operated Transmit) function allows for hands-free transmission. When enabled, the radio will automatically transmit when it detects your voice. Adjust VOX sensitivity in the menu settings.

7. Flashlight and AM/FM Radio

The radio features an integrated flashlight, typically activated via a dedicated button or a menu option. It also includes AM/FM radio functionality for entertainment or receiving broadcast information.

Maintenance

Cleaning

Clean the radio's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is dry before use or storage.

Battery Care

- Avoid fully discharging the battery frequently to prolong its lifespan.
- Store the battery in a cool, dry place when not in use for extended periods.
- Do not expose the battery to extreme temperatures or direct sunlight.

Storage

When storing the radio for a long time, remove the battery and store both components separately in a dry, dust-free environment.

Water Resistance

Note: The BAOFENG UV-K61 is **NOT water resistant**. Avoid exposing the radio to rain, splashes, or immersion in water to prevent damage.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Battery is not installed correctly or is discharged.	Ensure battery is securely attached. Charge the battery fully.
Cannot transmit or receive.	Incorrect frequency/channel, antenna not attached, or low battery.	Verify frequency/channel settings. Ensure antenna is securely attached. Charge the battery.
Poor audio quality or static.	Weak signal, interference, or antenna issue.	Move to an open area. Check antenna connection. Adjust squelch level in menu.
Wireless Frequency Copying fails.	Other radio not transmitting, or too far away.	Ensure the source radio is transmitting. Reduce distance between radios.

Specifications

- **Model Number:** UV-K61
- **Brand:** BAOFENG
- **Item Weight:** 1.34 pounds (approx. 21.51 Ounces)
- **Product Dimensions:** 1.37 x 2.16 x 4.72 inches (D x W x H)
- **Battery:** 1 Lithium Ion battery (included), 2600mAh capacity
- **Number of Channels:** 999
- **Talking Range Maximum:** 5 Kilometer
- **Voltage:** 7.4 Volts (DC)
- **Special Features:** 10 NOAA Weather Alarm, 2600mAh High Capacity Battery, Multi-Band (AM/FM), One Key Match Frequency, USB-C Charging
- **Water Resistance Level:** Not Water Resistant

Warranty and Support

Warranty Information

A 1-year warranty is provided exclusively through "Shiqun Electronics Co., Ltd." for the BAOFENG UV-K61 radio. Please retain your proof of purchase for warranty claims.

Customer Support

For technical assistance, troubleshooting, or further inquiries, please contact the seller or visit the official BAOFENG store for support resources.
Official BAOFENG Store: BAOFENG Store on Amazon