Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

BAOFENG UV-K61

BAOFENG UV-K61 Two Way Radio User Manual

Model: UV-K61

Introduction

This manual provides detailed instructions for the operation and maintenance of your BAOFENG UV-K61 Two Way Radio. Please read this manual thoroughly before using the device to ensure proper function and safety. The UV-K61 is a versatile communication device featuring 999 channels, multi-band capabilities, USB-C charging, and NOAA weather alerts.

Product Overview

Package Contents

Upon unpacking, please verify that all items listed below are present:

- 1x BAOFENG 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 Manual (this document)
- 1x 771 Antenna
- 1x Earpiece
- 1x USB-C Car Charger Cable



Figure 1: The BAOFENG UV-K61 radio with its complete set of accessories, including two antennas, battery, charging dock, USB-C cables, belt clip, hand strap, and earpiece.

Key Features

- **999 Channels:** Extensive channel capacity for diverse communication needs.
- **Multi-Band Operation:** Supports various frequency bands for enhanced versatility.
- **USB-C Charging:** Convenient and widely compatible charging method.
- **VOX Function:** Voice-activated transmission for hands-free operation.
- **NOAA Weather Channels:** Access to 10 NOAA channels for real-time weather alerts.
- **Frequency Copying:** Simplifies programming by wirelessly copying frequencies from other radios.
- **1.44-inch LCD Screen:** Clear display for channel, frequency, and status information.
- **Built-in Flashlight:** Provides illumination in low-light conditions.
- **FM Radio:** Entertainment and information access.



Figure 2: Visual representation of the main functions of the UV-K61 radio, including 999 channels, frequency copy, VOX, 2600mAh battery, flashlight, 10 NOAA channels, FM radio, and AM reception.

Radio Components



Figure 3: A detailed diagram illustrating the various components of the BAOFENG UV-K61 radio, including the antenna, volume/power knob, PTT key, flashlight, alarm switch, radio/monitor button, sweep key, menu key, 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 pack upwards until it clicks into place.
3. To remove, press the release latch (if present) and slide the battery downwards.

2. Antenna Attachment

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

3. Charging the Battery

The UV-K61 offers multiple charging options for convenience.

- **Using the Charger Dock:** Place the radio with the battery installed into the charger dock. Ensure the charging contacts align.
- **Using the USB-C Cable:** Connect the USB-C cable directly to the radio's USB-C port. This can be connected to a power bank, car charger, laptop, or any standard USB power adapter.

The LED indicator on the battery or charger dock will show the charging status:

- **Red Light:** Indicates the battery is currently charging.
- **Green Light:** Indicates the battery is fully charged.



Figure 4: The UV-K61 radio demonstrating various charging methods, including direct USB-C connection to a laptop, USB power adapter, car charger, power bank, and placement in the charging dock.



Figure 5: Illustration of the 2600mAh high-capacity battery and its LED charging indicators: red for charging and green for fully charged.

Operating Instructions

1. Power On/Off and Volume Control

- To power on the radio, rotate the **Volume&Power** knob (top right) clockwise.
- To power off, rotate the knob counter-clockwise until it clicks.
- Adjust the volume by rotating the same knob after the radio is powered on.

2. Channel Selection and Frequency Mode

- The UV-K61 supports up to 999 channels. Use the keypad to directly enter channel numbers or use the up/down arrow keys to navigate.

- Press the **V/M-VFO/MR** button to switch between Frequency (VFO) mode and Channel (MR) mode.
- The **A/B Select Key** allows you to switch between the upper and lower display lines for active frequency/channel selection.

3. Wireless Frequency Copying

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

1. **Step 1:** Turn on your UV-K61 radio. Press and hold the transmit button (PTT key) to initiate the frequency search. The screen will display "SEARCH".
2. **Step 2:** Press and hold the transmit button on the other radio you wish to copy from. Once your UV-K61 finishes searching and displays the frequency and decode information, press the **MENU** button for confirmation.
3. **Step 3:** Switch to channel mode (MR mode) to select the desired channel. The screen will then show the frequency of the counterpart, allowing immediate communication.

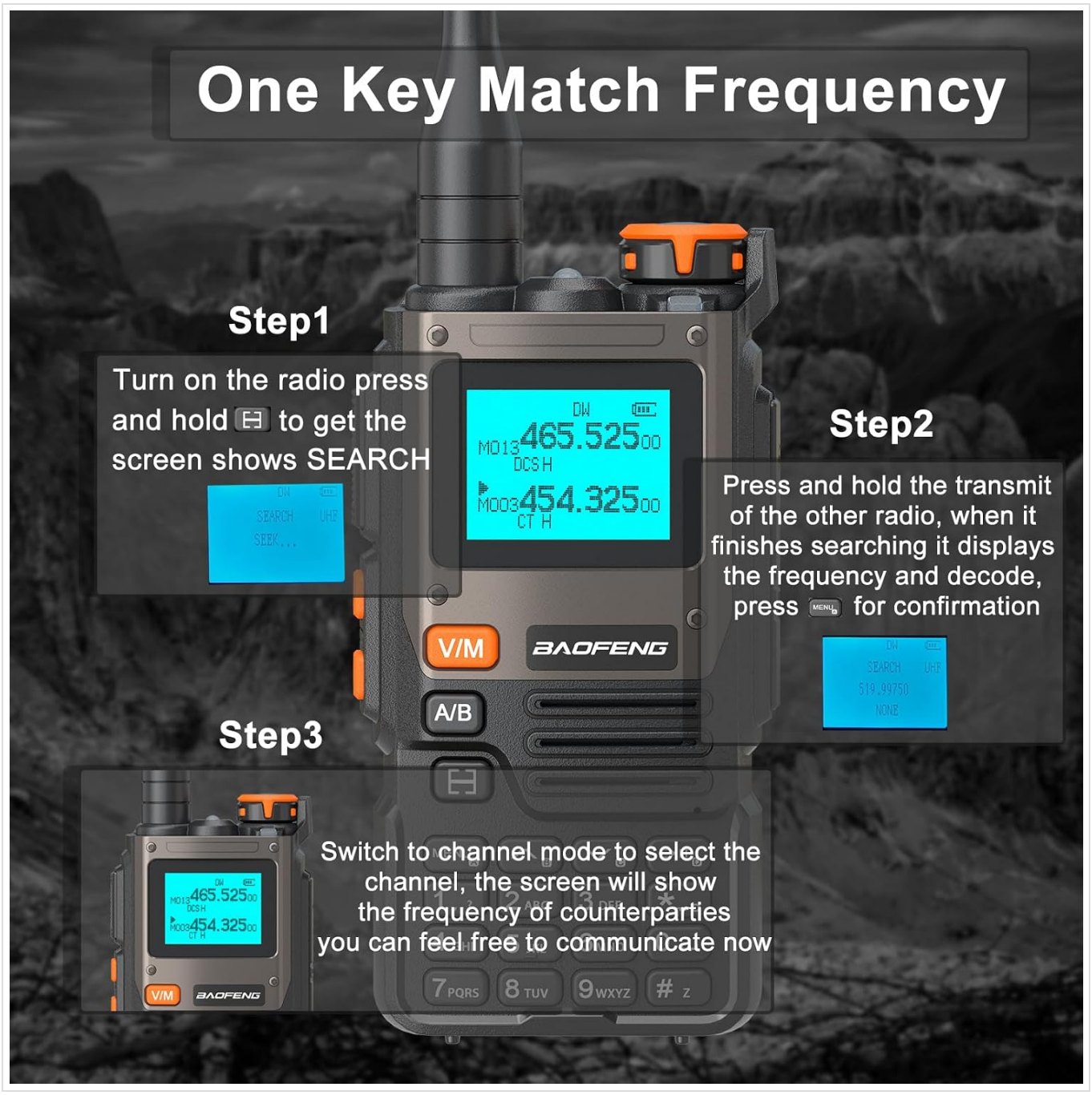


Figure 6: Step-by-step guide for the "One Key Match Frequency" feature, showing the radio display during search, confirmation, and channel selection for wireless frequency copying.

4. VOX (Voice Operated Exchange) Function

The VOX function enables hands-free transmission. When activated, the radio will transmit automatically when it detects your voice, eliminating the need to press the PTT button.

- To activate/deactivate VOX, navigate through the menu using the **MENU** key and select the VOX setting. Adjust the sensitivity level as needed.

5. NOAA Weather Channels

Stay informed about weather conditions with the built-in NOAA receiver.

- Access the NOAA weather channels through the radio's menu. The UV-K61 supports 10 NOAA channels for scanning and receiving weather reports.

6. FM Radio

The radio includes an FM broadcast receiver.

- Press the dedicated **Radio** / **Monitor** button to switch to FM radio mode. Use the keypad or arrow keys to tune to desired stations.

7. Flashlight

A built-in LED flashlight is available for convenience.

- Activate the flashlight using the dedicated **Flashlight** button or through the menu.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or solvents.
- **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.
- **Antenna:** Ensure the antenna is securely attached. Avoid bending or stressing the antenna.
- **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 depleted or not properly installed.	Charge the battery. Ensure the battery is correctly installed and clicked into place.

Problem	Possible Cause	Solution
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.	Weak signal, antenna issue, or volume too low/high.	Move to an area with better signal. Check antenna connection. Adjust volume.
Battery does not charge.	Charger cable/dock faulty, or battery not seated correctly.	Check charger connections. Ensure battery is properly seated in the dock or USB-C cable is fully inserted. Try a different USB power source.

Specifications

Feature	Detail
Model Number	UV-K61
Brand	BAOFENG
Number of Channels	999
Battery Type	1 Lithium Ion battery required (2600mAh)
Product Dimensions	1.37 x 2.16 x 4.72 inches
Item Weight	1.48 pounds (approximately 23.63 ounces)
Voltage	7.4 Volts (DC)
Talking Range Maximum	5 Kilometer (approx. 3.1 miles)
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

The BAOFENG UV-K61 Two Way Radio comes with a**1-year warranty** provided through "Shiqun Electronics Co., Ltd". For technical support, warranty claims, or further assistance, please contact your retailer or the manufacturer directly. Refer to the contact information provided with your purchase documentation.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B0DGXBT65Y

More documents and user manuals: **https://manuals.plus/**