

BAOFENG UV-K61

BAOFENG UV-K61 Two-Way Radio User Manual

Model: UV-K61

INTRODUCTION

Thank you for choosing the BAOFENG UV-K61 Two-Way Radio. This manual provides essential information for the safe and efficient operation of your device. The UV-K61 is a versatile communication tool designed for various applications, offering extensive channel capacity, multiple charging options, and advanced features like wireless frequency copying and NOAA weather alerts.



Image: The BAOFENG UV-K61 radio displayed with all its components, including the radio unit, battery, antennas, USB-C charging cable, charger dock, belt clip, hand strap, and earpiece.

WHAT'S IN THE BOX

- 1x BAOFENG UV-K61 Radio Unit
- 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
- 1x Headset

SETUP

1. Battery Installation and Charging

The UV-K61 comes with a 2600mAh Lithium Ion battery. Ensure the battery is fully charged before first use.

1. Align the battery with the grooves on the back of the radio.
2. Slide the battery upwards until it clicks into place.
3. To charge, connect the USB-C cable directly to the radio or place the radio in the charger dock.
4. The LED indicator on the battery or charger dock will show red during charging and turn green when fully charged.



Image: Close-up of the 2600mAh battery for the BAOFENG UV-K61, highlighting its USB-C port and LED charging indicators (red for charging, green for charged).

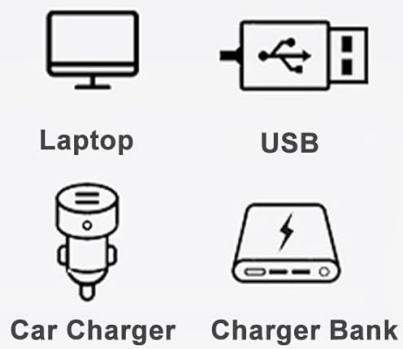


Image: The BAOFENG UV-K61 being charged via USB-C, illustrating various charging methods including laptop, USB wall adapter, car charger, and power bank, alongside the charging dock.

2. Antenna Attachment

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

3. Earpiece Connection

Connect the earpiece to the 2-pin K Port on the side of the radio for private listening and hands-free operation.

OPERATING INSTRUCTIONS

Main Functions



999 Channels



Frequency Copy



VOX Function



2600mAh



Flashlight



10 NOAA CH



FM Radio



AM

Image: An infographic showing the main functions of the BAOFENG UV-K61, including 999 Channels, Frequency Copy, VOX Function, 2600mAh battery, Flashlight, 10 NOAA Channels, FM Radio, and AM reception.

1. Power On/Off and Volume Control

Rotate the Volume & Power knob clockwise to turn on the radio. Continue rotating to adjust the volume. Rotate counter-clockwise until it clicks to turn off the radio.

2. Channel Selection (999 Channels)

The UV-K61 supports up to 999 channels. Use the keypad to directly input channel numbers or the up/down arrow keys to navigate through channels. The 1.44" LCD screen provides a clear display of the current channel and frequency.

1.44" LCD Screen

Clearer display

Best choice for day and night

- Dual Display
- 999 Channels
- ENG Menu



Image: A close-up view of the BAOFENG UV-K61's 1.44-inch LCD screen, demonstrating its dual display capability for frequencies and channel numbers, along with battery and signal indicators.

3. Push-to-Talk (PTT) Key

Press and hold the PTT key on the side of the radio to transmit. Release the PTT key to receive.

4. VOX Function (Voice Operated Exchange)

The VOX function allows for hands-free transmission. When enabled, the radio will automatically transmit when it detects your voice. Refer to the menu settings for VOX activation and sensitivity adjustment.


5. Wireless Frequency Copying

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

1. Turn on the radio and press and hold the 'V/M' button until the screen shows 'SEARCH'.
2. Press and hold the transmit button on the other radio. When the UV-K61 finishes searching, it will display the frequency and decode.
3. Press the 'MENU' button for confirmation.
4. Switch to channel mode to select the channel, and the screen will show the frequency of the counterpart, allowing communication.


One Key Match Frequency

Step 1

Turn on the radio press and hold  to get the screen shows SEARCH



Step 2

Press and hold the transmit of the other radio, when it finishes searching it displays the frequency and decode, press  for confirmation



Step 3

Switch to channel mode to select the channel, the screen will show the frequency of counterparties you can feel free to communicate now

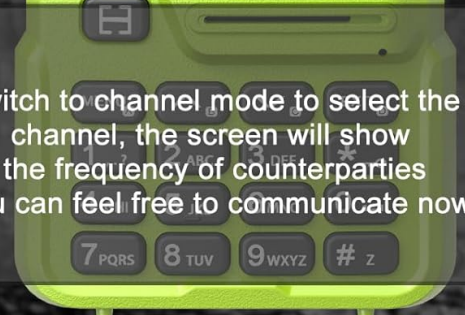


Image: A step-by-step visual guide demonstrating the 'One Key Match Frequency' feature on the BAOFENG UV-K61, showing the display during search, decode, and channel selection.

6. NOAA Weather Channels

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



Image: The BAOFENG UV-K61 radio with an overlay indicating '10 NOAA Weather Alert', set against a background of a stormy sky over water, symbolizing its weather alert capability.

7. Flashlight Function

The radio is equipped with a built-in flashlight. Refer to the manual or device interface for activation (often a dedicated button or a long press of a function key).

8. AM/FM Radio

The UV-K61 can receive AM and FM radio broadcasts. Use the menu or dedicated keys to switch to radio mode and tune to desired stations.

MAINTENANCE

1. Cleaning

Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is dry before use or charging.

2. Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge the battery in a cool, dry place. If storing the radio for an extended period, charge the battery to about 50% and remove it from the radio.

3. Storage

Store the radio in a dry, dust-free environment away from direct sunlight and extreme temperatures. Remove the battery if storing for long periods.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on	Battery is low or not installed correctly	Charge the battery; ensure it is securely installed.
Cannot transmit or receive	Incorrect frequency/channel; antenna loose; out of range	Verify frequency/channel settings; check antenna connection; move closer to other radios.
Poor audio quality	Volume too low/high; interference; earpiece issue	Adjust volume; move away from sources of interference; check earpiece connection.
Battery not charging	Charger/cable faulty; poor connection	Check charger and cable; ensure proper connection to radio/dock and power source.

SPECIFICATIONS



Image: A detailed diagram of the BAOFENG UV-K61 radio, highlighting its key components such as the antenna, flashlight, PTT key, LCD screen, keypad, and dimensions (4.72 inches height, 2.16 inches width, 1.37 inches depth).

- **Model:** UV-K61
- **Dimensions:** 1.37 x 2.16 x 4.72 inches (D x W x H)
- **Weight:** 1.43 pounds
- **Battery:** 2600mAh Lithium Ion (included)
- **Number of Channels:** 999
- **Talking Range Maximum:** 5 Kilometers
- **Tuner Technology:** AM/FM
- **Voltage:** 7.4 Volts (DC)
- **Special Features:** 10 NOAA Weather Alarm, Multi-Band (AM/FM), One Key Match Frequency, USB-C Charging, VOX, Flashlight
- **Water Resistance Level:** Not Water Resistant

WARRANTY AND SUPPORT

This product comes with a **1-year warranty** provided exclusively through "Shiqun Electronics Co., Ltd". For warranty claims or technical support, please contact the seller directly or refer to the contact information provided with your purchase documentation.

For additional support and resources, you may visit the official BAOFENG store on Amazon: [BAOFENG Store](#)