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## BAOFENG K5PLUS

# BAOFENG K5plus 10W Tri-Band Ham Radio User Manual

Model: K5PLUS | Brand: BAOFENG

## 1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your BAOFENG K5plus 10W Tri-Band Ham Radio. Please read this manual thoroughly before operating the device.

### Package Contents:

- BAOFENG K5plus Radio Unit
- 2500mAh Rechargeable Battery
- USB-C Charger
- Type-C Cable
- Earpiece
- Belt Clip
- Lanyard
- User Manual (this document)



Image 1.1: Overview of BAOFENG K5plus radios and included accessories.

## 2. KEY FEATURES

- Tri-Band Operation:** Supports VHF 136-174MHz (2M), VHF 220-260MHz (1.25M), and UHF 400-480MHz (70CM).
- High Power Output:** 10W maximum power with selectable high, middle, or low power settings.
- Extensive Channel Capacity:** Up to 999 programmable channels.
- One-Touch Frequency Copy:** Allows quick cloning of channel settings between radios.
- NOAA Weather Alert:** Access to 10 pre-set NOAA weather channels with automatic alarm for emergencies.
- Dual Charging Methods:** Supports USB-C direct charging and charging via a base station.
- FM Radio:** Built-in FM broadcast receiver.
- VOX Function:** Voice-activated transmission for hands-free operation.
- Alarm Function:** For emergency signaling.
- LED Flashlight:** Integrated for illumination.

- **DTMF, CTCSS, and DCS:** For enhanced communication control and privacy.
- **CHIRP Support:** Compatible with CHIRP programming software for advanced customization.



Image 2.1: The BAOFENG K5plus features NOAA weather alerts and FM radio functionality.

### 3. RADIO COMPONENTS



Base Charging



Type-C Fast Charging

## 2 Charging Methods are Available

Support Type-C Battery Direct Charging



Image 3.1: Detailed view of the BAOFENG K5plus radio components.

### Component Overview:

- **Antenna:** For transmitting and receiving signals.
- **Knob (ON/OFF, Volume):** Rotates to power the radio on/off and adjust volume.
- **Flashlight:** Integrated LED light.
- **Battery Remove Button:** Releases the battery pack.
- **SK-side Key1/CALL (Radio, Alarm):** Programmable side key, often used for FM radio or alarm.
- **PTT Key (Push-to-Talk):** Press and hold to transmit, release to receive.
- **LED Indicator:** Shows transmission (red) and reception (green) status.
- **MONI Key:** Monitors weak signals.
- **A/B Key:** Switches between A and B frequency bands.
- **Keypad:** For manual frequency input and menu navigation.
- **Battery Contacts:** Connects to the battery pack.
- **LCD:** Liquid Crystal Display for showing frequency, channel, and status.
- **VFO/MR:** Switches between Frequency Mode (VFO) and Channel Mode (MR).
- **SP&MIC:** Speaker and Microphone.

- **BAND Key:** Switches between frequency bands.
- **Battery Pack:** Removable and rechargeable power source.

## 4. INITIAL SETUP

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### 4.1 Battery Installation and Removal

To install the battery, align the battery pack with the back of the radio and slide it upwards until it clicks into place. To remove, press the battery release button located on the top rear of the radio and slide the battery pack downwards.

### 4.2 Antenna Attachment

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

### 4.3 Belt Clip Attachment

The belt clip can be attached to the back of the radio for convenient carrying. It typically screws into designated holes on the battery pack. Ensure the battery is removed before attaching or detaching the belt clip.

*Video 4.1: Demonstration of how to remove and install the belt clip on a similar walkie-talkie model. This process is generally applicable to the BAOFENG K5plus.*

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power On/Off and Volume Adjustment

Rotate the top knob clockwise to power on the radio. Continue rotating clockwise to increase the volume, and counter-clockwise to decrease it. Rotate fully counter-clockwise until a click is heard to power off the radio.

*Video 5.1: Demonstration of basic operation including power on/off and volume adjustment on a similar Baofeng walkie-talkie.*

### 5.2 Channel Selection

The K5plus supports up to 999 channels. Use the UP/DOWN arrow keys on the keypad to navigate through available channels. The current channel number will be displayed on the LCD.

### 5.3 Push-to-Talk (PTT)

To transmit, press and hold the PTT button on the left side of the radio. Speak clearly into the microphone. Release the PTT button to return to receive mode.

### 5.4 One-Touch Frequency Copy

This feature allows for quick cloning of frequencies from another radio. Refer to the specific instructions in the

full user manual for detailed steps. Generally, you will press and hold a designated button to initiate a frequency search and then another key to save it.

# No matter the brand **2 Seconds Copy Frequency**

Say goodbye to cumbersome



*Image 5.1: The one-touch frequency copy function simplifies channel setup.*

## 5.5 NOAA Weather Alert

The radio is pre-programmed with 10 NOAA weather channels. Activate the NOAA weather alert function to receive real-time weather broadcasts and emergency alerts. The radio will automatically sound an alarm for critical weather events.

## 5.6 Key Lock Function

To prevent accidental changes to settings, the radio features a key lock. Press the CH+ and CH- buttons simultaneously to enable or disable the key lock. A beep will confirm the action.

*Video 5.2: Demonstration of how to enable and disable the key lock feature on a similar walkie-talkie.*

## 6. CHARGING THE BATTERY

The BAOFENG K5plus offers two charging methods:

- **Charging Base:** Place the radio with the battery installed into the charging base. Ensure the contacts align. The indicator light on the base will show charging status.
- **USB-C Direct Charging:** Connect the provided Type-C cable to the USB-C port on the radio and to a compatible USB power source (e.g., wall adapter, power bank, vehicle USB port).

A full charge typically takes 4-5 hours. The 2500mAh high-capacity battery provides approximately 3 days of pure standby, 24 hours of normal use, or 10 hours of frequent use.



Image 6.1: The BAOFENG K5plus supports both charging base and USB-C direct charging.

## 7. TECHNICAL SPECIFICATIONS

| Feature                | Specification  |
|------------------------|--|
| Brand                  | BAOFENG  |
| Model Number           | K5PLUS   |
| Frequency Range        | VHF 136-174MHz (2M), VHF 220-260MHz (1.25M), UHF 400-480MHz (70CM) |
| Number of Channels     | 999  |
| Talking Range Maximum  | 10 Kilometer (approx. 6.2 miles)                                   |
| Battery Type           | Lithium Ion (2500mAh)  |
| Voltage                | 5 Volts  |
| Water Resistance Level | Not Water Resistant  |
| Item Weight            | Approximately 14.07 pounds (for 10-pack)                           |
| Package Dimensions     | 21 x 9.5 x 8.13 inches (for 10-pack)                               |

## 8. MAINTENANCE

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### 8.1 General Care

- Keep the radio dry. If it gets wet, wipe it immediately.
- Do not expose the radio to extreme temperatures.
- Avoid strong impacts or rough handling.
- Do not disassemble the radio. Repairs should only be performed by authorized service personnel.

### 8.2 Cleaning

Clean the radio's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the charging contacts are clean and free of debris.

## 9. TROUBLESHOOTING

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### Common Issues and Solutions:

- **Radio does not power on:** Check if the battery is properly installed and charged. Ensure the power/volume knob is turned clockwise.
- **Cannot transmit or receive:** Verify that the radio is on the correct channel and frequency. Check antenna connection. Ensure the PTT button is functioning correctly.
- **Poor audio quality:** Adjust the volume. Check earpiece connection if used. Ensure the microphone is not obstructed.

- **Battery not charging:** Ensure the charging cable and adapter are properly connected. Check for damage to the cable or charging port.
- **Keypad locked:** Unlock the keypad by pressing the CH+ and CH- buttons simultaneously.

If you encounter issues not listed here or require further assistance, please contact customer support.

## 10. WARRANTY AND SUPPORT

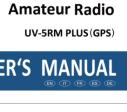
The BAOFENG K5plus radio comes with a **1-year warranty** from the date of purchase. Additionally, a **30-day return policy** is offered. For any questions, technical support, or warranty claims, please contact BAOFENG customer service via Amazon Messages.

Please retain your proof of purchase for warranty validation.

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### Related Documents - K5PLUS

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|---|---|
|  <p><b>USER'S MANUAL</b></p>                     | <p><a href="#">BAOFENG UV-5RM PLUS / K5PLUS Amateur Radio User's Manual</a></p> <p>Explore the BAOFENG UV-5RM PLUS/K5PLUS Amateur Radio User's Manual, a comprehensive guide for this dual-band, dual-display, dual-watch transceiver. Learn about its features, operation, battery charging, accessory installation, and advanced functions like scanning, programming, VOX, and DTMF. This manual provides essential safety warnings, regulatory compliance information (EU, FCC, IC), and troubleshooting tips for optimal performance and secure communication.</p> |
|  <p><b>Bedienungsanleitung</b><br/>UV-82L</p>    | <p><a href="#">BAOFENG UV-82L FM Dual-Band Handfunkgerät Bedienungsanleitung</a></p> <p>Umfassende Bedienungsanleitung für das BAOFENG UV-82L FM Dual-Band Handfunkgerät. Enthält Sicherheitsinformationen, Funktionen, Anleitungen zur Bedienung, Batterieladung, Fehlerbehebung und technische Spezifikationen für optimale Leistung und sichere Kommunikation.</p>   |
|  <p><b>BaoFeng BF-UV5R Programming Guide</b></p> | <p><a href="#">BaoFeng BF-UV5R Programming Guide</a></p> <p>A comprehensive guide to programming the BaoFeng BF-UV5R dual-band amateur radio using both the manufacturer's software and CHIRP. Covers system requirements, cable setup, software installation, and detailed parameter explanations for radio customization.</p>   |

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|  | <p><b><a href="#">BAOFENG UV-5R FM Dual-Band Transceiver User's Manual</a></b></p> <p>Comprehensive user manual for the BAOFENG UV-5R FM Dual-Band Transceiver, covering installation, operation, safety guidelines, advanced features, troubleshooting, and technical specifications for this portable two-way radio.</p>   |
|  | <p><b><a href="#">Baofeng UV-5R User Manual</a></b></p> <p>Comprehensive user manual for the Baofeng UV-5R dual-band two-way radio, covering safety guidelines, product features, setup instructions, battery charging procedures, detailed control descriptions, and advanced menu functions for optimal operation.</p>   |
|  | <p><b><a href="#">BAOFENG UV-5RM PLUS (GPS) Multi-Band Amateur Radio User Manual</a></b></p> <p>Explore the BAOFENG UV-5RM PLUS (GPS) Multi-Band Amateur Radio with this comprehensive user manual. Learn about its advanced features, including GPS, APRS, DTMF, and multi-band scanning, designed for reliable communication for both professional and recreational users. This guide covers operation, safety, battery information, and FCC compliance.</p> |