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## BAOFENG K5 Plus

# BAOFENG K5 Plus Six-Band Ham Radio User Manual

Model: K5 Plus

## INTRODUCTION

The BAOFENG K5 Plus is a versatile and powerful six-band ham radio designed for reliable communication. Featuring a 1.77-inch LCD display and a full keyboard, it offers extensive functionality for various applications, from outdoor adventures to professional use. This manual provides detailed instructions for operating and maintaining your K5 Plus radio.

## WHAT'S IN THE BOX

Upon unboxing your BAOFENG K5 Plus, please ensure all the following items are present:

- 1x Portable Radio (BAOFENG K5 Plus)
- 1x Original High Gain Antenna
- 1x Type-C Charger Cable
- 1x 2500mAh Li-ion Battery
- 1x Belt Clip
- 1x Sling
- 1x Charger (Charging Dock)
- 1x User's Manual



Figure 1: Contents of the BAOFENG K5 Plus package, including the radio, antenna, charging accessories, and carrying attachments.

## SETUP

### 1. Battery Installation and Charging

1. Ensure the radio is powered off.
2. Align the 2500mAh Li-ion battery with the battery compartment on the back of the radio.
3. Gently slide the battery into place until it clicks securely.
4. To charge, connect the Type-C charger cable to the radio's USB-C port or place the radio in the charging dock.
5. Connect the charger to a power source. The charging indicator light will show the charging status.
6. Allow the battery to fully charge before first use (approximately 4-5 hours).

### 2. Antenna Attachment

1. Locate the antenna connector on the top of the radio.
2. Screw the original high gain antenna clockwise onto the connector until it is finger-tight. Do not overtighten.

### 3. Initial Power On

1. Rotate the power/volume knob clockwise to turn on the radio.
2. Adjust the knob to set the desired volume level.
3. The 1.77-inch LCD display will illuminate, showing the current frequency or channel.



Figure 2: Key physical features of the BAOFENG K5 Plus, including the power/switch key, Push-to-Talk (PTT) button, and USB Type-C charging port.

## OPERATING INSTRUCTIONS

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### Basic Operation

- **Power On/Off and Volume:** Use the top rotary knob to power on/off and adjust volume.
- **PTT Key:** Press and hold the Push-to-Talk (PTT) key on the side to transmit. Release to receive.
- **A/B Button:** Switches between the upper (A) and lower (B) frequency displays for dual watch operation.
- **BAND Button:** Cycles through frequency bands (FM, AM, VHF, UHF, Police).
- **V/M Button:** Toggles between Frequency (VFO) mode and Channel (Memory) mode.
- **MENU Button:** Accesses the radio's main menu for configuration.

- **EXIT Button:** Exits current menu or function.
- **Keypad:** Used for direct frequency input, channel selection, and menu navigation.



Figure 3: The BAOFENG K5 Plus LCD display and key features, highlighting its 1.77-inch screen, 999 channel capacity, frequency copy function, and NOAA weather alert capability.

## Advanced Features

- **Frequency Range:** Supports FM, AM, Police, VHF (144-146MHz), and UHF (420-450MHz).
- **One-Touch Search Frequency:** Simplifies pairing and grouping by copying channel configuration parameters.
- **Frequency Step:** Selectable steps including 2.5K, 5.0K, 6.25K, 10.0K, 12.5K, 20.0K, 25.0K, 50.0K.
- **Frequency Hopping & Scramble:** Enhances call privacy.
- **Channel Scan & Frequency Scan:** The radio supports channel scanning, frequency scanning, and three scan recovery methods: TO (Time Operation), CO (Carrier Operation), and SE (Search Operation).
- **999 Memory Channels:** Store a large number of frequencies and settings.
- **Broadcast FM Radio Receiver:** Listen to standard FM radio broadcasts.
- **Dual Watch / Dual Reception:** Monitor two frequencies simultaneously.

- **Stopwatch Function:** Integrated timer for various uses.
- **Power-on Password Management:** Secure your radio with a power-on password.
- **DTMF Encoder & Manual Dial:** For advanced signaling and control.
- **VOX (Voice Activated Transmit):** Allows hands-free transmission.
- **Alarm Function:** For emergency signaling.
- **Display Illumination:** Programmable via keypad for optimal visibility.
- **High/Mid/Low Power Selectable:** Adjust transmit power to conserve battery or extend range.
- **Programmable Repeater Offset:** Configure for repeater use.
- **Battery Save Function:** Extends battery life.
- **Transmission Time-Out Timer (TOT):** Prevents accidental continuous transmission.
- **Busy Channel Lock Out (BCLO):** Prevents transmission on an occupied channel.
- **LED Flashlight:** Built-in light for convenience.
- **Squelch Adjustment:** Ten (10) levels to filter out weak signals or noise.
- **Roger Beep:** Tone indicating end of transmission.
- **Kenwood Accessory Port:** Two (2) pins for compatible accessories.
- **NOAA Weather Reception:** Receive NOAA weather alerts.



## 3 Types of scanning

**Subtone scanning and storage**  
**Channel Scanning**

Figure 4: The BAOFENG K5 Plus supports various scanning methods, including subtone scanning for specific tones and channel scanning to monitor active channels.



Figure 5: The BAOFENG K5 Plus features Integrated Noise Cancellation (INC) for clearer audio transmission and reception.



Figure 6: The BAOFENG K5 Plus supports DTMF (Dual-Tone Multi-Frequency) signaling, enabling advanced control and communication features.

## MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To prolong battery life, avoid overcharging and fully discharging the battery frequently. Store the radio and battery in a cool, dry place when not in use for extended periods.
- **Antenna Care:** Ensure the antenna is securely attached but do not overtighten. Avoid bending or stressing the antenna.
- **Storage:** Store the radio in a dry environment, away from direct sunlight and extreme temperatures.
- **Water Resistance:** Note that this product is **Not Water Resistant**. Avoid exposure to water or high humidity.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery fully. Reinstall the battery, ensuring it clicks into place.
Cannot transmit or receive.	Incorrect frequency/channel, antenna not connected, or low battery.	Verify frequency/channel settings. Ensure antenna is securely attached. Charge battery.
Poor audio quality or static.	Weak signal, high squelch level, or interference.	Adjust squelch level (lower it). Move to an area with better signal. Check for local interference sources.
Keypad unresponsive.	Keypad lock enabled.	Refer to the operating instructions to disable keypad lock.

## SPECIFICATIONS

Feature	Detail
Model Number	K5 Plus
Item Weight	1.37 pounds
Product Dimensions (D x W x H)	1.57 x 2.55 x 4.92 inches
Country of Origin	China
Battery Type	1 Lithium Ion battery required (2500mAh)
Number of Channels	999
Frequency Range	UHF: 420MHz-450MHz, FM, VHF: 144MHz-146MHz, AM
Talking Range Maximum	6.1 Mile
Tuner Technology	UHF/VHF
Voltage	3.7 Volts
Water Resistance Level	Not Water Resistant
Display	1.77 inch LCD Display
Charging	USB (TYPE C) charging



Figure 7: Physical dimensions of the BAOFENG K5 Plus radio.

## WARRANTY INFORMATION

The BAOFENG K5 Plus comes with a **1-year warranty**. This warranty is provided exclusively through "Shiqun Electronics Co., Ltd". Please retain your proof of purchase for warranty claims.

## SUPPORT

For further assistance, technical support, or warranty inquiries, please contact the seller, "Shiqun Electronics Co., Ltd", directly through the platform where the product was purchased. Refer to your purchase documentation for specific contact details.

 <b>USER'S MANUAL</b>	<p><b><a href="#">BAOFENG UV-5RM PLUS / K5PLUS Amateur Radio User's Manual</a></b></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><a href="#">BAOFENG UV-82L FM Dual-Band Handfunkgerät Bedienungsanleitung</a></b></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><a href="#">BaoFeng BF-UV5R Programming Guide</a></b></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>
	<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>