

BAOFENG K5-PLUS

BAOFENG K5PLUS Tri-Band Ham Radio User Manual

Model: K5-PLUS | Brand: BAOFENG

Introduction	What's in the Box	Setup	Operating Instructions	Maintenance	Troubleshooting
		Specifications	Warranty & Support		

1. INTRODUCTION

The BAOFENG K5PLUS Tri-Band Ham Radio is a versatile and powerful handheld two-way radio designed for various communication needs, from outdoor activities to emergency preparedness. This model is an upgraded version of the popular Baofeng UV-5R, offering enhanced features and improved performance. It supports multi-band operation across VHF, VHF2, and UHF frequencies, providing extensive coverage. Key functionalities include a clear 1.77-inch LCD display, a robust 2500 mAh rechargeable battery, 999 programmable channels, and advanced features like NOAA weather alerts and one-key frequency matching. This manual provides comprehensive instructions for setup, operation, maintenance, and troubleshooting to ensure optimal use of your device.

Key Features:

- **Tri-Band Operation:** Supports VHF (136-174 MHz), VHF2 (169.5-171.375 MHz), and UHF (400-520 MHz) frequencies.
- **Extended Battery Life:** Equipped with two 2500 mAh rechargeable batteries for prolonged use.
- **NOAA Weather Alert:** Scans 10 NOAA weather channels and provides alerts for severe weather conditions.
- **One-Key Frequency Match:** Simplifies frequency deciphering and copying from other radios without complex programming.
- **Multi-Scenario Applicability:** Ideal for outdoor adventures, construction sites, hospitality, and emergency communication.
- **Integrated Features:** Includes a 1.77-inch LCD display, 999 channels, VOX, FM/AM receiver, and a high-brightness flashlight.
- **USB-C Charging:** Offers convenient charging via any USB port device.

2. WHAT'S IN THE BOX

Upon unboxing your BAOFENG K5PLUS Tri-Band Ham Radio, please verify that all the following components are

included:

- BAOFENG K5PLUS Tri-Band Ham Radio (x2)
- Original Antenna (x2)
- 2500 mAh Rechargeable Battery (x4)
- S23 Antenna (x2)
- Type-C Data Cable (x2)
- Earphone (x2)
- Desktop Charger (x2)
- Belt Clip (x2)
- Hand Strap (x2)
- User's Manual (x1)



Image: The complete package contents of the BAOFENG K5PLUS, showing two radios, four 2500mAh batteries, two original antennas, two S23 antennas, two Type-C cables, two earphones, two desktop chargers, two belt clips, two hand straps, and one user manual.

3. SETUP

3.1. Battery Installation

To install the battery, align the battery pack with the grooves on the back of the radio. Slide the battery upwards until it clicks securely into place. To remove, press the battery release latch located at the bottom of the radio and slide the battery downwards.



Image: A detailed view of the BAOFENG K5PLUS radio, highlighting its 1.77-inch color display and the arrangement of its keypad and function buttons. This image helps in identifying the battery compartment location on the back.

3.2. Antenna Attachment

Screw the desired antenna (original or S23) clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.

10 NOAA WEATHER STATIONS

Broadcast the Hazard weather
at the first time, earns a critical time
for you to get full preparation



AM / FM Radio

Image: A visual representation of the BAOFENG K5PLUS radio with its dimensions and the flexible S23 antenna, illustrating how the antenna attaches to the top of the unit.

3.3. Charging the Battery

The BAOFENG K5PLUS offers two convenient charging methods:

- **Desktop Charger:** Place the radio with the battery installed into the desktop charging cradle. Ensure the charging contacts align. The indicator light on the charger will show the charging status.
- **USB-C Charging:** Connect the provided Type-C data cable to the USB-C port located on the bottom of the battery pack (when attached to the radio) or directly on the battery itself. Connect the other end to any standard USB power source (e.g., wall adapter, power bank, car charger).

2 Charging Methods are Available



Each walkie-talkie comes with two 2500mah batteries for your long hours on the go.

Image: This graphic demonstrates both the desktop charging cradle method and the direct USB-C charging method for the BAOFENG K5PLUS radio, showing its versatility in power options.

4. OPERATING INSTRUCTIONS

4.1. Power On/Off and Volume Control

To power on the radio, rotate the Power/Volume knob (1) clockwise. To power off, rotate it counter-clockwise until it clicks. Adjust the volume by rotating the same knob.



Image: A detailed view of the BAOFENG K5PLUS radio, highlighting its 1.77-inch color display and the arrangement of its keypad and function buttons, including the Power/Volume knob at the top.

4.2. Display and Channel/Frequency Selection

The 1.77-inch color LCD display shows current frequencies, channel numbers, battery status, and other operational indicators. Use the ▲ and ▼ navigation keys (17) to scroll through channels or adjust frequencies. Press the **BAND** button (15) to switch between different frequency bands (VHF, VHF2, UHF).



Image: A detailed view of the BAOFENG K5PLUS radio, highlighting its 1.77-inch color display and the arrangement of its keypad and function buttons, including the navigation keys and BAND button.

4.3. Push-to-Talk (PTT) Operation

To transmit, press and hold the PTT button (3) located on the left side of the radio. Speak clearly into the microphone. Release the PTT button to receive. The radio will automatically send your voice signal when you start speaking if VOX is enabled.

4.4. One-Key Frequency Match

This feature allows for quick frequency copying from another walkie-talkie. Press and hold the **BAND** key to enter scanning mode. The display will show "Scanning SEARCH...". When the radio detects a frequency, press "MENU" to confirm and store it. This eliminates the need for computer programming for basic frequency matching.

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

Say goodbye to cumbersome



Image: A visual guide to the one-key frequency match feature, illustrating the process of scanning and copying frequencies from another radio, simplifying setup.

4.5. NOAA Weather Alert & FM/AM Radio

The radio can scan 10 NOAA weather channels. Activate the weather alert feature to receive timely warnings for severe weather conditions. Additionally, the radio includes an FM/AM receiver, allowing you to listen to broadcast radio stations.



Image: This graphic emphasizes the NOAA weather alert capability and the integrated AM/FM radio function, showcasing the radio's utility beyond two-way communication.

4.6. VOX Function

The Voice Operated Exchange (VOX) function allows for hands-free transmission. When VOX is enabled, the radio will automatically transmit when it detects your voice, eliminating the need to press the PTT button. Adjust VOX sensitivity in the menu.

4.7. Flashlight & Siren (SOS)

The radio features a high-brightness LED flashlight (11) located at the top. This can be activated for illumination in low-light conditions. For emergencies, the radio also includes an SOS siren function to attract attention. The siren will activate a loud alarm and flash the light, as demonstrated in the product video.



Image: This image illustrates the powerful flashlight feature of the BAOFENG K5PLUS, useful for illuminating dark areas during outdoor activities or emergencies.

Your browser does not support the video tag.

Video: A demonstration of the BAOFENG K5PLUS radio's features, including the siren and flashlight functions. This video shows the radio being handled and its display and buttons being interacted with.

4.8. Power Levels

The radio supports High, Medium, and Low power output settings. Adjusting the power level can help conserve battery life or extend communication range as needed. Refer to the radio's menu for power level selection.

10 NOAA WEATHER STATIONS

Broadcast the Hazard weather at the first time, earns a critical time for you to get full preparation



AM / FM Radio

Image: This image, while primarily showing dimensions, also visually represents the radio's interface where power level settings can be accessed.

5. MAINTENANCE

5.1. Battery Care

- Always use the original BAOFENG batteries and charging accessories.
- Avoid overcharging or completely draining the batteries to prolong their lifespan.
- Store batteries in a cool, dry place when not in use.
- If the radio will not be used for an extended period, remove the battery.



Image: The package contents showing the four 2500mAh rechargeable batteries, emphasizing the importance of proper battery care for extended product life.

5.2. Cleaning and Storage

- Clean the radio's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the radio is dry before charging or storing.
- Store the radio in a cool, dry, and dust-free environment, away from direct sunlight and extreme temperatures.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery or re-install it securely.

Problem	Possible Cause	Solution
Cannot transmit or receive.	Incorrect frequency/channel, low battery, or antenna not attached.	Verify frequency, charge battery, ensure antenna is securely attached. Check if CTCSS/DCS tones match.
Poor audio quality or static.	Weak signal, interference, or incorrect squelch setting.	Move to an area with better signal, adjust squelch level, check antenna connection.
One-Key Frequency Match not working.	Radio too far from source, or source not transmitting.	Ensure radios are close and the source radio is actively transmitting.

7. SPECIFICATIONS

Feature	Detail
Item Weight	3.08 pounds
Package Dimensions	8.94 x 7.83 x 4.37 inches
Country of Origin	China
Item Model Number	K5-PLUS
Batteries	4 Lithium Ion batteries required (included)
Brand	BAOFENG
Color	Black
Number of Channels	999
Special Features	Long Range, Weather Alert, Triband
Frequency Range	VHF(136-174 MHz), VHF2(169.5-171.375 MHz), UHF(400-520 MHz)
Talking Range Maximum	8 Kilometer
Tuner Technology	UHF
Voltage	3.7 Volts
Water Resistance Level	Not Water Resistant
Manufacturer	Fujian Baofeng Electronic Co., Ltd.

8. WARRANTY AND SUPPORT

8.1. Warranty Information

The BAOFENG K5PLUS Tri-Band Ham Radio comes with a **12-month warranty** from the date of purchase. Additionally, we offer a **30-day return policy**. This warranty covers manufacturing defects and issues arising from normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters. For warranty claims or returns, please retain your proof of purchase.

8.2. Customer Support

If you encounter any issues or have questions regarding your BAOFENG K5PLUS radio that are not addressed in this manual, please do not hesitate to contact our customer support team. You can typically find contact information on the product packaging, the seller's website, or through your purchase platform.

For additional resources and updates, you may also visit the official BAOFENG store or support pages online.

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