

BAOFENG K5PLUS



BAOFENG K5 Plus Portable Ham Radio User Manual

Model: K5PLUS

1. INTRODUCTION

The BAOFENG K5 Plus is an advanced tri-band portable ham radio designed for reliable long-range communication. It supports VHF 2M (144-148 MHz), VHF 1.25M (222-225 MHz), and UHF 70CM (420-450 MHz) bands, offering versatility for various amateur radio applications. Featuring a 1.77-inch color large screen display, robust build quality, and clear audio, the K5 Plus is equipped with functionalities such as AM Airband reception, Broadcast FM radio, One-Touch Frequency Search, and pre-programmed NOAA weather channels. Its 2500mAh battery with USB-C charging capability ensures extended operation and convenient recharging.





Figure 1: Front view of the BAOFENG K5 Plus Portable Ham Radio.

2. WHAT'S IN THE Box

Upon unboxing your BAOFENG K5 Plus, please verify that all components listed below are present and in good condition:

- BAOFENG K5PLUS Radio Unit
- Tri-band Antenna

- Original Antenna
- 2500mAh Lithium-Ion Battery
- Charging Stand
- USB-C Charging Cable
- Belt Clip
- Lanyard
- User's Manual

What's in the box?



K5PLUS



tri-band antenna



original antenna



2500mAh battery



charging stand



usb-c charging cable



belt clip



lanyard



manual

Figure 2: All components included in the BAOFENG K5 Plus package.

3. SETUP

3.1 Battery Installation

1. Align the battery pack with the grooves on the back of the radio.
2. Slide the battery upwards until it clicks securely into place.
3. To remove, press the battery release latch (located at the bottom of the battery) and slide the battery

downwards.

3.2 Antenna Attachment

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



Figure 3: Attaching the high-performance tri-band antenna.

3.3 Charging the Battery

The K5 Plus battery can be charged using two methods:

- **Using the Charging Stand:** Place the radio with the battery installed into the charging stand. Ensure the charging contacts align. The indicator light on the stand will show charging status.
- **Using USB-C:** Connect the USB-C charging cable directly to the USB-C port located on the back of the battery pack. This allows for convenient charging from various USB power sources (e.g., power bank, car charger, computer USB port).

Charge Wherever You Go



Type-C port is on the back of the battery

Figure 4: Charging options for the K5 Plus battery.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Volume

- **Power On:** Rotate the power/volume knob clockwise until you hear a click. The display will light up.
- **Power Off:** Rotate the power/volume knob counter-clockwise until you hear a click.
- **Volume Adjustment:** Rotate the power/volume knob to increase (clockwise) or decrease (counter-clockwise) the audio output.

4.2 Mode Switching (VFO/Channel)

Press the **V/M** button to switch between Frequency Mode (VFO) and Channel Mode. In VFO mode, you can manually input frequencies. In Channel Mode, you can select pre-programmed channels.

4.3 Band Selection

The K5 Plus supports tri-band operation. Press the **BAND** button to cycle through the available frequency bands: VHF 2M, VHF 1.25M, and UHF 70CM. The display will indicate the currently active band.



Figure 5: Multi-band operation overview.

4.4 One-Touch Frequency Search

To initiate a one-touch frequency search, press and hold the **BAND** button. The radio will scan for active frequencies. Once a signal is detected, it will display the frequency and CTCSS tone. Use the up/down arrow keys to resume scanning.

4.5 NOAA Weather Channels

The K5 Plus comes with pre-programmed NOAA weather channels. To access these, navigate through the menu or use a dedicated shortcut if available (refer to the full user manual for specific key combinations).



Figure 6: NOAA Weather Channels feature.

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. Adjust the VOX sensitivity level in the menu to prevent accidental transmissions.

4.7 Flashlight Operation

The K5 Plus includes a built-in LED flashlight. To activate or deactivate the flashlight, refer to the specific button or menu option in the full user manual.



Figure 7: Built-in LED flashlight feature.

4.8 Programming with CHIRP

The BAOFENG K5 Plus is compatible with CHIRP programming software. This allows for easy management of memory channels, frequencies, and other settings via a computer. Ensure you use the latest version of CHIRP and a compatible programming cable. The K5 Plus model is available in the CHIRP pull-down menu.

5. FEATURES OVERVIEW

The BAOFENG K5 Plus offers a comprehensive set of features for amateur radio enthusiasts:

- Tri-Band Operation:** Supports VHF 2M (144-148 MHz), VHF 1.25M (222-225 MHz), and UHF 70CM (420-450 MHz).
- High/Middle/Low Power Output:** Selectable power levels to optimize battery life and transmission range.
- AM Airband Receiver:** Listen to aircraft communications (108-136 MHz).



AM Airband Receiver

- Broadcast FM Radio Receiver:** Enjoy local FM radio stations (87.5-108 MHz).



Broadcast FM Radio Receiver

- **One-Touch Frequency Search:** Quickly find active frequencies.
- **Pre-programmed NOAA Weather Channels:** Access essential weather alerts.
- **VOX Function:** Hands-free voice-activated transmission.
- **LED Flashlight:** Integrated light for convenience in low-light conditions.
- **Up to 999 Memory Channels:** Ample storage for your favorite frequencies.
- **2500mAh Rechargeable Battery:** Long-lasting power for extended use.
- **USB-C Charging:** Modern and versatile charging option.

K5PLUS Features

-  High/ Middle/ Low Power Selectable
-  10 NOAA Weather Stations
-  One Touch Frequency Search
-  VOX Functions/ Free your Hands
-  2500mAh Rechargeable Battery
-  LED Flashlight
-  USB-C Charging Selectable
-  Up to 999 Memory Channels

Figure 8: Key features of the K5 Plus.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your BAOFENG K5 Plus radio.

6.1 Cleaning

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

6.2 Battery Care

- Avoid fully discharging the battery frequently.
- Charge the battery in a cool, dry environment.
- If storing the radio for an extended period, charge the battery to about 50% capacity and remove it from the radio. Recharge every few months to prevent deep discharge.

6.3 Storage

- Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- Keep the radio away from dust and moisture. Note that the radio is not water resistant.

7. TROUBLESHOOTING

If you encounter issues with your BAOFENG K5 Plus, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Radio does not power on.	Low or dead battery; improperly installed battery.	Charge the battery fully. Ensure the battery is correctly installed and clicked into place.
No audio from speaker.	Volume too low; squelch level too high; faulty speaker.	Increase volume. Adjust squelch level (SQL) in the menu. Test with headphones if available.
Cannot transmit or receive.	Incorrect frequency/channel; antenna not connected; power level too low; repeater offset/CTCSS incorrect.	Verify frequency and channel settings. Ensure antenna is securely attached. Increase power output. Check repeater settings and CTCSS/DCS tones.
Battery drains quickly.	High power usage; frequent transmission; old battery.	Use lower power settings when possible. Reduce transmission time. Consider replacing the battery if it's old.
Programming issues with CHIRP.	Incorrect cable; outdated CHIRP version; driver issues.	Ensure you are using a genuine BAOFENG programming cable. Update CHIRP to the latest version. Install correct USB drivers for the cable.

8. SPECIFICATIONS

Feature	Specification
Model Number	K5PLUS
Item Weight	1.41 pounds
Product Dimensions	2.1 x 1.3 x 4.1 inches
Country of Origin	China
Batteries	1 Lithium Ion battery required (included)
Color	Black
Number of Channels	999
Special Feature	USB-C charging
Frequency Range	VHF 2M (144-148 MHz), VHF 1.25M (222-225 MHz), UHF 70CM (420-450 MHz)
Talking Range Maximum	10 Kilometer
Tuner Technology	FM
Voltage	5 Volts (DC)
Water Resistance Level	Not Water Resistant

9. WARRANTY AND SUPPORT

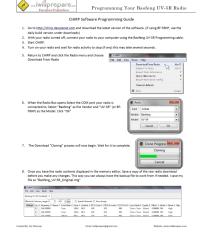
9.1 Warranty Information

The BAOFENG K5 Plus comes with a **180-day warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

9.2 Customer Support

For technical assistance, troubleshooting, or warranty claims, please contact BAOFENG customer support through their official website or the retailer from whom you purchased the product. Please have your model number and purchase date ready when contacting support.

Related Documents - K5PLUS

	<p>BaoFeng BF-UV5R Programming Guide</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>Amateur Radio User's Manual: Dual Band Handheld Transceiver Guide</p> <p>Comprehensive user manual for a dual-band, dual-display, dual-watch amateur radio. Covers setup, battery charging, accessory installation, radio controls, basic operations, advanced features like scanning, VOX, DTMF, and troubleshooting. Includes safety warnings and technical specifications for optimal performance and reliable communication.</p>
	<p>Programming Your Baofeng UV-5R Radio with CHIRP Software</p> <p>A comprehensive guide to programming the Baofeng UV-5R radio using CHIRP software. This guide covers downloading CHIRP, connecting the radio, downloading and uploading settings, importing and exporting frequencies, and explains the CHIRP field editor.</p>
	<p>Baofeng UV-5R CHIRP Configuration Guide</p> <p>A comprehensive guide detailing the various settings and parameters for the Baofeng UV-5R radio, including frequency, squelch modes (CTCSS, DCS), duplex options, power levels, and scanning features, optimized for use with CHIRP software.</p>
	<p>BaoFeng BF-F8TD Programming Guide: Setup and Configuration</p> <p>Comprehensive programming guide for the BaoFeng BF-F8TD dual-band amateur radio. Learn how to set up channels, frequencies, and other parameters using both manufacturer software and CHIRP.</p>

UV-3R FAQ

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[Baofeng UV-3R FAQ: Comprehensive Guide and Troubleshooting](#)

Detailed Frequently Asked Questions (FAQ) for the Baofeng UV-3R and UV-3R Mark II compact VHF/UHF amateur radio transceivers. Covers general information, specifications, antenna compatibility, memory programming, features, troubleshooting common problems, and modifications. Includes information on software, satellite operation, and more.