

## BAOFENG K5 Plus

# BAOFENG K5 Plus Six-Band Ham Radio Instruction Manual

Model: K5 Plus

## 1. INTRODUCTION

Thank you for choosing the BAOFENG K5 Plus Six-Band Ham Radio. This device is a versatile and powerful communication tool designed for various applications, including outdoor adventures, professional use, and emergency response. This manual provides detailed instructions for the proper setup, operation, and maintenance of your radio to ensure optimal performance and longevity.

## 2. PACKAGE CONTENTS

Please inspect the package carefully to ensure all items are present:

- 1x BAOFENG K5 Plus Portable Radio
- 1x Original High Gain Antenna
- 1x 48cm/18.89in Tactical Antenna
- 1x 2500mAh Li-ion Battery
- 1x Desktop Charger Cradle
- 1x Type-C USB Charging Cable
- 1x Belt Clip
- 1x Sling (Hand Strap)
- 1x Earpiece
- 1x Programming Cable
- 1x User's Manual (this document)



Image 2.1: Contents of the BAOFENG K5 Plus package, including the radio, two antennas, battery, charger, cables, belt clip, sling, earpiece, and programming cable.

### 3. PRODUCT OVERVIEW

The BAOFENG K5 Plus features a robust design with a 1.77-inch LCD display and a full keypad for intuitive operation. Key components include the antenna connector, power/volume knob, PTT (Push-to-Talk) button, and a USB-C charging port.

#### 3.1 Key Features

- **Six-Band Capability:** Supports FM, AM, Police, VHF (144-146MHz), and UHF (420-450MHz) frequencies.
- **1.77-inch LCD Display:** Provides clear visibility of operating parameters.
- **999 Memory Channels:** Ample storage for frequently used frequencies.
- **USB-C Charging:** Convenient and fast charging.
- **NOAA Weather Reception:** Stay informed about weather alerts.
- **DTMF Encoder and Dial:** For advanced signaling.
- **VOX Function:** Voice-activated transmission for hands-free operation.

- **Scanning Functions:** Channel scan, frequency scan, and three recovery methods (TO, CO, SE).
- **Frequency Hopping & Scramble:** Enhances communication privacy.



Image 3.1: The BAOFENG K5 Plus radio highlighting its 1.77-inch LCD display and key functionalities such as 999 channels, frequency copy, and NOAA weather reception.



Image 3.2: Detailed view of the BAOFENG K5 Plus radio, indicating the location of the power/switch key, Push-to-Talk (PTT) button, and the Type-C USB charging port.

## 4. SETUP

### 4.1 Battery Installation

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

### 4.2 Charging the Battery

The radio comes with a 2500mAh Li-ion battery. It is recommended to fully charge the battery before first use.

- Insert the battery (or the radio with battery installed) into the desktop charger cradle.
- Connect the charger adapter to a power outlet. The indicator light on the charger will show charging status.
- Alternatively, connect the Type-C USB charging cable directly to the radio's USB-C port and a compatible USB power source.

### 4.3 Antenna Attachment

Screw the desired antenna (either the original high-gain or the tactical antenna) clockwise into the connector on top of the radio until it is finger-tight. Do not overtighten.

### 4.4 Initial Power-On

Rotate the power/volume knob clockwise to turn on the radio. Adjust the knob to set the desired volume level.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power On/Off and Volume

Turn the top knob clockwise to power on and increase volume. Turn counter-clockwise to decrease volume and power off.

### 5.2 Channel and Frequency Mode

- Press the **V/M** button to switch between Frequency (VFO) mode and Channel (MR) mode.
- In Frequency mode, use the keypad to enter frequencies directly.
- In Channel mode, use the UP/DOWN arrow keys or keypad to select a stored channel.

### 5.3 Transmitting and Receiving

- To transmit, press and hold the **PTT** button on the side of the radio and speak into the microphone.
- Release the **PTT** button to receive.

### 5.4 Scanning Functions

The radio supports various scanning methods:

- **Channel Scan:** Scans through programmed memory channels.
- **Frequency Scan:** Scans a defined frequency range.
- **Scan Recovery Methods (TO, CO, SE):** Determines how the radio behaves when a signal is detected during scanning.



Image 5.1: The BAOFENG K5 Plus radio demonstrating its scanning capabilities, including subtone scanning and channel scanning.

### 5.5 VOX (Voice Operated Exchange)

The VOX function allows for hands-free transmission. When enabled, the radio will automatically transmit when it detects your voice.

- Access the menu to enable/disable VOX and adjust its sensitivity level.

### 5.6 DTMF (Dual-Tone Multi-Frequency)

The DTMF encoder allows for sending specific tones for various control functions, such as repeater access or remote control.

- Use the keypad to enter DTMF codes.





Image 5.2: Illustration of DTMF functionality with multiple BAOFENG K5 Plus radios, indicating their capability for advanced signaling.

### 5.7 NOAA Weather Reception

The radio can receive NOAA weather alerts to keep you informed of local weather conditions.

- Refer to the menu for NOAA weather channel selection and activation.

### 5.8 FM Radio

The BAOFENG K5 Plus includes a broadcast FM radio receiver.

- Activate the FM radio function through the menu and use the keypad or arrow keys to tune to desired stations.

### 5.9 Noise Reduction

The radio incorporates INC (Intelligent Noise Cancellation) technology to improve audio clarity during transmission and reception.



Image 5.3: The BAOFENG K5 Plus radio's microphone, illustrating its Intelligent Noise Reduction (INC) feature for clearer audio.

## 6. MAINTENANCE

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### 6.1 Cleaning

- Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the USB-C port and antenna connector are free from dust and debris.

### 6.2 Battery Care

- Avoid fully discharging the Li-ion battery frequently.
- Store the battery in a cool, dry place when not in use for extended periods.
- Do not expose the battery to extreme temperatures or direct sunlight.

### 6.3 Storage

When storing the radio for a long time, remove the battery and store both components in a dry, dust-free environment.



## 7. 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.
Cannot transmit or receive	Incorrect frequency/channel, antenna not attached, low battery	Verify frequency/channel, attach antenna, charge battery.
Poor audio quality	Weak signal, incorrect squelch level, damaged antenna	Adjust squelch, check antenna connection, move to a better location.
Keypad unresponsive	Keypad lock enabled	Disable keypad lock (refer to menu settings).

## 8. SPECIFICATIONS

Feature	Detail
Model	K5 Plus
Frequency Range	AM, FM, UHF: 420MHz-450MHz, VHF: 144MHz-146MHz
Number of Channels	999
Display	1.77-inch LCD
Battery Type	2500mAh Lithium Ion (included)
Charging	USB Type-C
Dimensions (H x W x D)	4.92 x 2.55 x 1.57 inches (12.5 x 6.5 x 4 cm)
Weight	Approx. 1.63 pounds (0.74 kg)
Water Resistance	Not Water Resistant
Special Features	One Key Match Frequency, Six Band, NOAA, DTMF, VOX






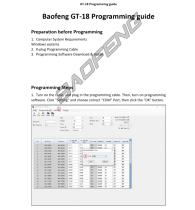


Image 8.1: Physical dimensions of the BAOFENG K5 Plus radio, indicating its height, width, and depth.

## 9. WARRANTY INFORMATION

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

## 10. SUPPORT

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact details.

	<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><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>
	<p><a href="#">Programowanie Radiotelefonów Baofeng za pomocą Oprogramowania CHIRP</a></p> <p>Przewodnik krok po kroku dotyczący programowania radiotelefonów Baofeng UV-5R, UV-82, UV-6R, BF-888s przy użyciu kabla USB i oprogramowania CHIRP. Zawiera instrukcje instalacji sterowników, podłączania, konfiguracji pamięci i ustawień zaawansowanych.</p>
	<p><a href="#">Baofeng GT-18 FRS Radio Programming Guide</a></p> <p>A comprehensive guide for programming the Baofeng GT-18 FRS radio, covering software installation, connection steps, parameter adjustment, and troubleshooting common issues.</p>
	<p><a href="#">Baofeng UV-5R Repeater Programming Guide</a></p> <p>Learn how to program a 146.985 MHz repeater with minus offset, 100 Hz tone, and low power level into Channel 010 on your Baofeng UV-5R radio. This guide covers setting receive and transmit frequencies, bandwidth, and tone.</p>
	<p><a href="#">Baofeng UV-5R Repeater Programming Guide</a></p> <p>Learn how to program a 146.985 MHz repeater with minus offset, 100 Hz tone, and low power level into Channel 010 on your Baofeng UV-5R radio. This guide covers setting receive and transmit frequencies, bandwidth, and tone.</p>

Documents - BAOFENG – K5 Plus



[Amateur Radio User's Manual: Dual Band Handheld Transceiver Guide](#)

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.

lang:en score:24 filesize: 954.09 K page\_count: 42 document date: 2023-12-16



### [EU Type Examination Certificate for Baofeng Amateur Radios](#)

This document presents the EU Type Examination Certificate issued by Bay Area Compliance Laboratories Corp. for Baofeng amateur radio products, confirming compliance with Directive 2014/53/EU.

lang:en score:24 filesize: 5.81 M page\_count: 2 document date: 2025-08-04



### [Odmaster Programming APP User Manual](#)

Comprehensive user manual for the Odmaster Programming APP, detailing its functions as a wireless PTT for group communication and a wireless programmer for Baofeng, TIDRADIO, Radioddity, Retevis, and Quansheng radios. Includes instructions for app download, account registration, Bluetooth connection, adding friends, group calls, background running, radio programming, and troubleshooting common issues.

lang:en score:21 filesize: 1.81 M page\_count: 42 document date: 2025-03-09