Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

BAOFENG UV-5R PLUS

Baofeng UV-5R+ Plus Ham Radio Instruction Manual

Model: UV-5R PLUS
Brand: BAOFENG

Product Overview

The Baofeng UV-5R+ Plus is an upgraded version of the popular UV-5R dual-band handheld ham radio. It features a more robust design with a polished metal shell, making it suitable for various outdoor activities. This radio offers dual-band functionality, a tri-color backlit display, and wide compatibility with existing UV-5R accessories.



Image: A comprehensive view of five Baofeng UV-5R+ Plus ham radios, each accompanied by an earpiece and a programming cable, showcasing the complete bundle contents.

What's in the Box

Your Baofeng UV-5R+ Plus package includes the following items:

- Baofeng UV-5R+ Plus Ham Radio Handheld (5 units)
- Earpiece (5 units)
- Programming Cable (5 units)
- Lithium Ion Batteries (5 units, included)
- Charger (5 units)

- Belt Clip (5 units)
- Antenna (5 units)



Image: An overhead view displaying the typical contents of a single Baofeng UV-5R+ Plus package, including the radio unit, battery, charger, earpiece, belt clip, and antenna.

Parts of the Radio

Familiarize yourself with the key components of your Baofeng UV-5R+ Plus radio:



Image: A detailed diagram illustrating the various parts of the Baofeng UV-5R+ Plus radio from multiple angles, with numbered labels pointing to specific components such as the antenna, flashlight, power/volume knob, LCD display, side keys, PTT button, VFO/MR button, LED indicator, strap buckle, accessory jack, A/B key, BAND key, input keys, speaker/mic, battery contacts, and battery remove button.

1. Antenna
2. Flashlight
3. Power/Volume Knob
4. LCD Display
5. Side Key 1
6. Side Key 2
7. PTT (Push-to-Talk) Button
8. VFO/MR (Frequency Mode/Memory Channel Mode) Button
9. LED Indicator
10. Strap Buckle
11. Accessory Jack
12. A/B Key (Band Selection)
13. BAND Key (Frequency Band Selection)
14. Input Keys (Keypad)

15. Speaker/Microphone
16. Battery Contacts
17. Battery
18. Battery Remove Button

Setup

Battery Installation and Charging

Before first use, ensure the battery is fully charged. The radio uses Lithium Ion batteries (7.4V, 1800mAh).

- To install the battery: Align the battery with the grooves on the back of the radio and slide it upwards until it clicks into place.
- To remove the battery: Press the battery release button (Part 18 in the diagram) and slide the battery downwards.
- To charge: Place the radio with the battery installed into the charging cradle. Ensure the charging indicator light on the cradle illuminates. A full charge typically takes several hours.



Image: A diagram highlighting the Li-ion battery for the Baofeng UV-5R+ Plus, emphasizing its 1800 mAh capacity and built-in protection features against over-charge, over-discharge, over-heat, over-current, and short-circuit.

Antenna Attachment

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

Operating Instructions

Power On/Off and Volume

Rotate the Power/Volume Knob (Part 3) clockwise to turn the radio on and increase volume. Rotate counter-clockwise to decrease volume and turn off the radio.

Frequency Mode (VFO) vs. Memory Channel Mode (MR)

Press the **VFO/MR** button (Part 8) to switch between Frequency Mode (VFO) and Memory Channel Mode (MR). In VFO mode, you can manually input frequencies. In MR mode, you can select pre-programmed channels.

Selecting Frequencies/Channels

- In VFO mode: Use the keypad (Part 14) to directly enter the desired frequency. Use the **UP/DOWN** arrow keys to adjust the frequency in steps.
- In MR mode: Use the **UP/DOWN** arrow keys to scroll through the stored memory channels.

Transmitting and Receiving

To transmit, press and hold the **PTT** (Push-to-Talk) button (Part 7) on the side of the radio. Speak clearly into the microphone (Part 15). Release the PTT button to receive.

Programming Frequencies and Channels

The Baofeng UV-5R+ Plus can be programmed directly from the keypad or via a computer using the included programming cable and compatible software (e.g., CHIRP). Programming via computer is generally recommended for ease and accuracy, especially for multiple channels or complex settings like repeater offsets and CTCSS/DCS tones.



Image: A close-up view of the USB programming cable for the Baofeng UV-5R+ Plus, essential for connecting the radio to a computer for software-based programming.

Your browser does not support the video tag.

Video: An instructional video demonstrating how to program the Baofeng UV-5R+ Plus radio, including setting repeater offsets and saving frequencies to memory channels. This video provides a visual guide to the programming process.

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 completely discharging the battery. Store the radio and batteries in a cool, dry place when not in use.
- **Antenna:** Regularly check the antenna connection for tightness. Avoid bending or stressing the antenna.
- **Water Resistance:** Note that this radio is **NOT** water resistant. Avoid exposure to rain, splashes, or submersion.

Troubleshooting

Problem	Possible Cause	Solution
Radio does not power on.	Low or dead battery; improperly installed battery.	Charge the battery; ensure battery is correctly installed.
Cannot transmit or receive.	Incorrect frequency/channel; low battery; antenna not connected.	Verify frequency/channel settings; charge battery; check antenna connection.
Poor audio quality.	Weak signal; incorrect squelch setting; damaged speaker/mic.	Adjust squelch level; move to an area with better signal; contact support if hardware is damaged.
Display is dim or unreadable.	Low battery; backlight setting.	Charge battery; adjust tri-color backlit display settings via menu.

Specifications

- **Model:** UV-5R PLUS
- **Channels:** 128
- **Frequency Range:** 144-148MHz, 420-450MHz
- **Battery Type:** Lithium Ion (7.4 Volts)
- **Battery Capacity:** 1800 mAh (standard, compatible with 3800 mAh extended batteries)
- **Display Type:** LCD (Tri-Color Backlit)
- **Special Feature:** Keypad Lock, VOX, BCLO, OFFSET
- **Maximum Talking Range:** Up to 8 Miles (environment dependent)
- **Product Dimensions:** 18.11 x 7.09 x 5.91 inches
- **Item Weight:** 6.02 pounds (for the 5-pack bundle)
- **Water Resistance Level:** Not Water Resistant

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or visit the official BAOFENG website. Ensure you retain your proof of purchase for any warranty claims.
For additional resources and community support, consider exploring online forums and groups dedicated to Baofeng radios and amateur radio operation.

© 2024 BAOFENG. All rights reserved.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

https://manuals.plus/asin/B00E4GTY3K

More documents and user manuals: **https://manuals.plus/**