

BAOFENG UV-9R Plus

BAOFENG UV-9R Plus Radio User Manual

Model: UV-9R Plus

1. PRODUCT OVERVIEW

The BAOFENG UV-9R Plus is a dual-band handheld transceiver designed for reliable communication. It features an IP67 waterproof rating, an 8W high-power output, and a 5800mAh battery with USB-C charging capability. This radio supports up to 128 memory channels and includes various functions such as VOX, CTCSS & DCS, and an emergency alarm.

Key Features:

- **Dual-band Transceiver:** Operates on two frequency bands.
- **128 Memory Channels:** Stores up to 128 channels for quick access.
- **IP67 Waterproof:** Provides protection against dust and water ingress. Note: IP67 rating does not mean the item is submersible, nor is it permanently waterproof.
- **5800mAh USB-C Charging Battery:** High-capacity battery with convenient USB-C charging.
- **8W High Power Output:** Ensures strong signal transmission.
- **VOX Function:** Voice-operated transmission for hands-free operation.
- **CTCSS & DCS:** Sub-audible tones for interference reduction.
- **Emergency SOS Alarm:** Sound and light alarm for emergency situations.
- **Built-in LED Flashlight:** Provides illumination in dark environments.
- **Commercial FM Radio Receiver:** (65 MHz ~ 108 MHz) for entertainment.
- **PC Programmable:** Allows customization of settings via computer.

2. COMPONENTS AND CONTROLS

Familiarize yourself with the various parts and controls of your BAOFENG UV-9R Plus radio.



360° Rotating Back Clip

Image: Diagram illustrating the numbered components of the BAOFENG UV-9R Plus radio.

1. Antenna
2. Knob (On/Off, Volume)
3. Flashlight
4. LED Indicator
5. Speaker
6. Microphone
7. LCD Display
8. Keypad
9. PTT (Push-to-Talk) Button
10. SK-Side Key1/F (Function Key 1)
11. SK-Side Key2/M (Function Key 2)
12. Accessory Jack
13. Battery Latch

3. SETUP

3.1 Package Contents:

Ensure all items are present in your package:

- BAOFENG UV-9R Plus Radio (x1)
- 5800mAh Battery (x1)
- Antenna (x1)
- USB-C Cable (x1)
- Belt Clip (x1)
- Strap (x1)
- User Manual (x1)

Note: The item does not include a separate charger dock.

3.2 Battery Installation:

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

3.3 Antenna Attachment:

Screw the antenna clockwise into the connector on the top of the radio until it is firmly seated.

3.4 Belt Clip and Strap Attachment:

Attach the belt clip to the designated area on the back of the radio using the provided screws. The strap can be threaded through the strap buckle for carrying convenience.



Image: The BAOFENG UV-9R Plus radio featuring a 360-degree rotating back clip for flexible attachment.

3.5 Initial Charging:

Before first use, fully charge the battery. Connect the USB-C cable to the radio's USB-C port and plug the other end into a compatible USB power source (e.g., phone charger, computer USB port). The LED indicator will show charging status.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off and Volume:

Rotate the Knob (02) clockwise to power on the radio and increase volume. Rotate counter-clockwise to decrease volume and power off.

4.2 Transmitting and Receiving:

1. Select the desired channel or frequency using the Keypad (08).
2. To transmit, press and hold the PTT (Push-to-Talk) button (09) on the side of the radio. Speak clearly into the Microphone (06).
3. Release the PTT button to receive.

4.3 Keypad Functions:

The Keypad (08) allows for direct frequency input, channel selection, and menu navigation. Refer to the full manual for detailed menu operations.

4.4 Flashlight:

Activate the built-in Flashlight (03) for illumination in dark conditions. Typically, this is controlled by a short press of a side key or a menu option.

4.5 VOX (Voice Operated Transmission):

The VOX function allows transmission to be activated by voice, eliminating the need to press the PTT button. This feature can be enabled and adjusted via the radio's menu.

4.6 FM Radio:

The radio includes a commercial FM radio receiver (65 MHz ~ 108 MHz). Access this function through the menu to listen to FM broadcasts.

4.7 Emergency Alarm:

In an emergency, activate the SOS sound and light alarm function. This is typically assigned to a programmable side key or a menu option.

5. MAINTENANCE

5.1 Waterproofing:

The UV-9R Plus has an IP67 rating, meaning it is protected against dust and temporary immersion in water up to 1 meter for 30 minutes. However, this does not mean the item is submersible, nor is it permanently waterproof. Ensure all ports and covers are securely closed to maintain water resistance.

5.2 Cleaning:

Clean the radio's exterior with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is dry before use or charging.

5.3 Battery Care:

To prolong battery life, avoid fully discharging the battery frequently. Store the radio and battery in a cool, dry place when not in use for extended periods. Charge the battery regularly, even if not in use, to prevent deep discharge.

6. TROUBLESHOOTING

Common Issues and Solutions:

- **Radio does not power on:**
 - Check if the battery is properly installed and charged.

- Ensure the power/volume knob is turned clockwise.
- **Cannot transmit or receive:**
 - Verify the antenna is securely attached.
 - Ensure you are on the correct frequency/channel.
 - Check if the battery level is sufficient for transmission.
 - Confirm that CTCSS/DCS settings match the other radio.
- **Poor audio quality:**
 - Adjust the volume knob.
 - Check for obstructions around the speaker and microphone.
 - Ensure the antenna is fully extended and properly connected.
- **Battery not charging:**
 - Verify the USB-C cable is properly connected to both the radio and the power source.
 - Try a different USB-C cable or power adapter.
 - Ensure the power source is functional.

If the issue persists after attempting these solutions, please contact customer support.

7. SPECIFICATIONS

Feature	Specification
Brand	BAOFENG
Model Number	UV-9R Plus
Number of Channels	128
Battery Capacity	5800mAh
Power Output	8W
Water Resistance Level	IP67 Waterproof
Charging Type	USB-C
Impedance	50 ohm
FM Radio Frequency	65 MHz ~ 108 MHz

8. WARRANTY AND SUPPORT

8.1 Product Warranty:

A 1-year warranty is provided exclusively through "Shiqun Electronics Co., Ltd." for this product. Please retain your proof of purchase for warranty claims.

8.2 Extended Protection Plans:

Optional extended protection plans may be available for purchase:

- 2-Year Protection Plan
- 3-Year Protection Plan
- Complete Protect (monthly billing)

Refer to your retailer for details on availability and terms of these plans.

8.3 Customer Support:

For technical assistance, warranty inquiries, or further information, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact details.

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