BAOFENG UV-10R PRO

BAOFENG UV-10R PRO Ham Radio Instruction Manual

Model: UV-10R PRO

1. Introduction

Thank you for choosing the BAOFENG UV-10R PRO Ham Radio. This manual provides essential information for the safe and efficient operation of your device. Please read it thoroughly before use and retain it for future reference.



Image 1.1: The BAOFENG UV-10R PRO Ham Radio package contents, including two radios, antennas, USB-C cables, and charging bases. The radios feature a 999-channel VHF/UHF dual-band capability.

2. What's in the Box

Verify that all items are present in your package:

- 2 x BAOFENG UV-10R PRO Radios
- 2 x 771 High Gain Antennas
- 2 x Original Antennas
- 2 x Rechargeable Batteries
- 2 x USB-C Cables
- 2 x Desktop Chargers (Base Chargers)

- 2 x Headsets
- 2 x Belt Clips

3. Setup Guide

3.1 Battery Installation and Charging

1. Align the battery with the grooves on the back of the radio and slide it upwards until it clicks into place.
2. To charge, connect the USB-C cable to the radio's USB-C port or place the radio in the desktop charger.
3. Connect the other end of the USB-C cable to a compatible USB power source (e.g., USB wall adapter, vehicle charger, PC, power bank).
4. The charging indicator light on the radio or desktop charger will show charging status. Charge fully before first use.



Image 3.1: The BAOFENG UV-10R PRO supports various charging methods via its USB-C port, offering flexibility for different environments.

3.2 Antenna Attachment

Screw the desired antenna (either the original or the 771 high gain antenna) clockwise onto the antenna connector on top of the radio until it is finger-tight. Do not overtighten.



Image 3.2: The included high gain 771 antenna can improve signal reception and transmission distance, suitable for various outdoor activities.

4. Operating Instructions

4.1 Basic Controls and Display



Image 4.1: Key components of the BAOFENG UV-10R PRO, including the PTT (Push-to-Talk) button, side keys, external speaker/mic jack, and battery compartment.

- **Power On/Off:** Rotate the power/volume knob clockwise to turn on and counter-clockwise to turn off.
- **Volume Adjustment:** Rotate the power/volume knob to adjust the audio level.
- **PTT (Push-to-Talk) Button:** Press and hold to transmit, release to receive.
- **Function Keys:** The keypad allows for direct frequency input, channel selection, and menu navigation.
- **Display:** The 1.44-inch color screen shows current frequency, channel number, battery status, and other indicators.



Image 4.2: The UV-10R PRO features a clear display and icons indicating its various functions, including dual-band operation, frequency copy, and NOAA weather reception.

4.2 Channel and Frequency Selection

- **Direct Frequency Input:** In VFO (Frequency) mode, use the numeric keypad to enter the desired frequency.
- **Channel Mode:** Switch to Channel mode to select from pre-programmed channels using the up/down arrow keys or numeric keypad.
- **Dual Standby:** The radio can monitor two different frequencies (A/B) simultaneously.

4.3 One Key Frequency Copy

This feature allows for quick copying of frequencies from another radio.

1. **Step 1:** Power on your walkie-talkie and press the "*" key. The display will show "SEEK".
2. **Step 2:** Press and hold the PTT button on the other walkie-talkie to transmit its frequency. When your UV-10R PRO searches and finds the frequency, press the "MENU" key to confirm.
3. **Step 3:** Switch to channel mode. The display will show the other person's frequency, and you can now communicate.



Image 4.3: Detailed steps for utilizing the One Key Frequency Copy function, simplifying the process of matching frequencies with other radios.

4.4 NOAA Weather Receiver

The UV-10R PRO supports NOAA weather alerts, providing timely information on severe weather conditions.



Image 4.4: The NOAA Weather Radio feature provides critical weather forecasts and alerts, enhancing safety during outdoor activities or emergencies.

4.5 Other Functions

- **VOX Function:** Voice-operated transmission, allowing hands-free operation.
- **FM Radio:** Listen to standard FM broadcast stations.
- **LED Flashlight:** Integrated flashlight for illumination.
- **Emergency Alarm:** Activates an audible alarm for emergency situations.
- **CTCSS & DCS:** Sub-audible tones for selective calling and interference reduction.
- **DTMF:** Dual-tone multi-frequency signaling.

5. Maintenance

- **Cleaning:** Use a soft, damp cloth to clean the radio's surface. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** To prolong battery life, avoid overcharging or completely draining the battery. Store the radio and battery in a cool, dry place when not in use for extended periods.
- **Antenna Care:** Ensure the antenna is securely attached but do not bend it excessively.
- **Storage:** Store the radio in a dust-free environment away from direct sunlight and extreme temperatures.

6. Troubleshooting

If you encounter issues with your BAOFENG UV-10R PRO, refer to the following common problems and solutions:

- **Radio does not power on:** Check if the battery is properly installed and charged. Ensure the power/volume knob is turned clockwise.
- **No sound or low volume:** Adjust the volume knob. Check if the squelch level is set too high. Ensure the headset is properly connected if in use.
- **Cannot transmit or receive:** Verify that the frequency/channel is correct and within the radio's operating range. Check antenna connection. Ensure the battery has sufficient charge.
- **Poor signal quality:** Ensure the antenna is securely attached. Try using the high gain 771 antenna. Move to an open area away from obstructions.
- **Display is blank or flickering:** Recharge the battery. If the issue persists, contact support.

7. Specifications

Feature	Specification
Model Number	UV-10R PRO
Frequency Range	VHF UHF (Dual Band)
Number of Channels	999
Display	1.44 inch Large Color Screen
Charging Method	USB-C, Desktop Charger
Special Features	Integrated Flashlight, Keypad Lock, Long Range, Rechargeable, Weather Alert (NOAA), One Key Frequency Copy, VOX, FM Radio, DTMF, Dual Standby, CTCSS & DCS
Water Resistance Level	Not Water Resistant

Feature	Specification
Battery Type	Nonstandard Battery (included)
Item Weight	2.55 pounds (for 2 radios)
Color	Green

8. Application Scenarios

The BAOFENG UV-10R PRO is suitable for a variety of uses:



Image 8.1: The BAOFENG UV-10R PRO is designed for versatile use in environments such as camping, hunting, mountaineering, and

construction sites, providing reliable communication.

9. Warranty and Support

For warranty information or technical support, please refer to the documentation provided with your purchase or contact the manufacturer directly. Keep your proof of purchase for warranty claims.

© 2025 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