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## BAOFENG BAOFENG UV-5R

# Baofeng UV-5R Dual Band Two Way Radio Instruction Manual

Model: BAOFENG UV-5R

## INTRODUCTION

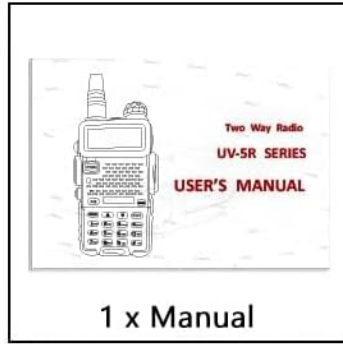
Thank you for purchasing the BAOFENG UV-5R 8W Radio. This device is a dual-band, dual-display, and dual-watch two-way radio designed to provide secure, instant, and reliable communications. It is suitable for various activities including hiking, camping, skiing, and general outdoor use.



The BAOFENG UV-5R radio, a versatile communication tool.

## What's in the Box?

- 4 x BAOFENG UV-5R 8W radio with antenna
- 4 x 3800mAh battery pack
- 4 x Earphone Mic/Headset
- 4 x Charger
- 4 x Belt clip
- 4 x Hand strap
- 1 x English manual



1 x Manual



4 x 3800mAh battery



4 x Hand strap



4 x Headset



4 x Charger



4 x Belt clip

4 x UV-5R 8W radio with antenna

All components included in the BAOFENG UV-5R package.

## SETUP GUIDE

### Component Identification



Detailed diagram identifying all external components of the UV-5R radio.

Familiarize yourself with the radio's components as shown in the diagram above. Key parts include the antenna, PTT (Push-to-Talk) button, VFO/MR button for mode selection, and the keyboard for input.

### Battery Installation and Charging

To install the 3800mAh battery pack, align it with the battery compartment on the back of the radio and slide it into place until it clicks securely. To charge, connect the radio with the installed battery to the provided charger. Ensure the charger is plugged into a standard power outlet. The charging indicator will show the charging status.

# 3800mAh

**50hrs**  
Standby

**12hrs**  
Continuous Use

**36hrs**  
Light Use



The 3800mAh battery provides extended usage times: up to 50 hours standby, 12 hours continuous use, and 36 hours light use.

## Antenna and Belt Clip Attachment

Screw the antenna clockwise onto the connector at the top of the radio until it is finger-tight. Attach the belt clip to the designated slot on the back of the radio by sliding it down until it locks into place. This allows for convenient carrying.



Close-up views of the radio's top, side, and front, illustrating key attachment points and controls.

## OPERATING INSTRUCTIONS

### Basic Operation

To power on the radio, rotate the top knob clockwise. Continue rotating to adjust the volume. To power off, rotate the knob counter-clockwise until it clicks. The LCD display will show the current frequency or channel name.

### Frequency and Channel Mode

Press the **VFO/MR** button to switch between Frequency (VFO) mode and Channel (MR) mode. In VFO mode, you can manually input frequencies. In MR mode, you can select from up to 128 pre-programmed memory channels.

### Transmitting and Receiving

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

the PTT button to receive. Ensure you are on an appropriate frequency or channel for communication.

## Key Features Overview

- **Frequency Band:** VHF/UHF
- **Display:** VHF and UHF bands and channel name displayed
- **Memory Channels:** Up to 128
- **Squelch:** Adjustable in 9 levels
- **Tones/Codes:** 50 CTCSS tones and 210 DCS codes
- **Emergency Function:** SOS Emergency
- **LCD Display:** Backlight adjustable in 3 colors
- **Functions:** VOX, Scan, Dual Watch
- **VOICE:** Vocal indication of the function selected
- **Power Save:** Yes
- **TOT:** Time out timer
- **DTMF Function:** Yes
- **Reverse Function:** Yes
- **Alarm Function:** Yes
- **Codes Research:** CTCSS and DCS codes research
- **Channel Names:** Setting and storing of channel names
- **BCL:** Busy Channel Lockout function
- **Repeater Shift:** Yes

Your browser does not support the video tag.

This video provides a visual overview of the BAOFENG UV-5R radio, showcasing its design and key features.

## MAINTENANCE

To ensure the longevity and optimal performance of your BAOFENG UV-5R radio, follow these maintenance guidelines:

- **Cleaning:** Use a soft, damp cloth to wipe the radio's surface. Avoid using harsh chemicals or abrasive cleaners.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures. Remove the battery if storing for extended periods.
- **Battery Care:** Do not overcharge or deep discharge the battery. Charge the battery fully before first use and periodically if not in use.
- **Antenna:** Handle the antenna carefully to prevent bending or damage.

## TROUBLESHOOTING

If you encounter issues with your BAOFENG UV-5R radio, refer to the common problems and solutions below:

Problem	Possible Cause	Solution
Radio does not power on	Low or dead battery; Incorrect battery installation	Charge the battery; Reinstall the battery correctly
Cannot transmit or receive	Incorrect frequency/channel; Antenna not connected; Out of range	Verify frequency/channel settings; Ensure antenna is securely attached; Move closer to other radios
Poor audio quality	Low volume; Obstructions; Squelch level too high	Adjust volume; Move to an open area; Adjust squelch level
Battery drains quickly	Frequent transmission; Old battery; Power Save mode off	Reduce transmission time; Replace battery; Enable Power Save mode

## TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	BAOFENG UV-5R
Frequency Range	VHF/UHF
Number of Channels	128
Battery	3800mAh Nonstandard Battery (included)
Item Weight	4.29 pounds (approx. 1.95 kg)
Package Dimensions	10.3 x 8.8 x 5.6 inches (approx. 26.16 x 22.35 x 14.22 cm)
Special Features	Battery Saver Mode, Call Alert, Dual Band, Integrated Flashlight, Rechargeable
Water Resistance Level	Not Water Resistant
Manufacturer	PO FUNG ELECTRONIC(HK) INTERNATIOANL GROUP COMPANY
UPC	755745000333

## WARRANTY AND SUPPORT

Your BAOFENG UV-5R radio comes with a **12-month warranty**. We also offer a **30-day return and exchange policy**. For any questions, concerns, or support needs, please feel free to contact us via Amazon's messaging system. Our team is ready to assist you.

## REGULATORY INFORMATION

**ATTENTION:** This radio operates on radio frequencies that are regulated by the Federal Communications Commission (FCC). To transmit on these frequencies, you are required to have a license issued by the FCC.

When programming the radio, it is recommended to first read the factory software data, and then rewrite this data with your desired frequency settings. This helps prevent potential errors. You can use a programming cable with a PC to program the frequency, power, and other settings. All programming must comply with your FCC (or other country) license certification.





Regulatory labels and information located on the back of the radio.