

## Hubbmx UV-S9 Plus

# Baofeng UV-S9 Plus 8W Long Range Handheld Dual Band Two Way Radio

Model: UV-S9 Plus

## INTRODUCTION

This manual provides detailed instructions for the proper use, setup, and maintenance of your Baofeng UV-S9 Plus 8W Long Range Handheld Dual Band Two Way Radio. This device is designed for reliable communication across various environments, offering enhanced power output and battery life compared to previous models. Please read this manual thoroughly before operating the radio to ensure safe and efficient use.



Image: The Baofeng UV-S9 Plus radio shown with its included USB charger cable and desktop charging cradle, highlighting its two charging methods.

## SAFETY INFORMATION

- Do not operate the radio in explosive atmospheres (e.g., flammable gases, dust particles, metallic powders).
- Do not transmit without an antenna attached.
- Avoid prolonged exposure to direct sunlight or extreme temperatures.
- Keep the radio away from water and moisture, despite its water resistance, to prevent damage.
- Use only manufacturer-approved batteries and chargers.
- Do not disassemble or modify the radio. Refer all servicing to qualified personnel.

## WHAT'S IN THE BOX

Your Baofeng UV-S9 Plus package includes the following components:

- 1 x Portable Radio (UV-S9 Plus)
- 1 x Li-ion Battery (2100mAh)

- 1 x US Charger (Desktop Cradle)
- 1 x USB Charger Cable
- 1 x Belt Clip
- 1 x The Slingshot (Hand Strap)
- 1 x User Manual
- 1 x Earpiece



Image: Front, side, and back views of the Baofeng UV-S9 Plus radio, showcasing its design and belt clip attachment.

## PRODUCT OVERVIEW

The Baofeng UV-S9 Plus features a robust design with an intuitive keypad and LCD display. Key components include:

- **Antenna:** For transmitting and receiving signals.
- **Power/Volume Knob:** Turns the radio on/off and adjusts volume.
- **LCD Display:** Shows frequency, channel, battery status, and other indicators.
- **Keypad:** For manual frequency input, menu navigation, and function activation.
- **PTT (Push-To-Talk) Button:** Activates transmission.
- **Monitor Button:** Opens the squelch to listen for weak signals.
- **Flashlight:** Integrated LED light for illumination.

- **Speaker/Microphone:** For audio output and input.
- **Battery Pack:** Removable 2100mAh Li-ion battery.

## SETUP

### 1. Battery Installation and Charging

Before first use, fully charge the battery. The radio supports two charging methods: via the desktop charging cradle or directly via the USB charger cable.

1. **Install Battery:** Align the battery pack with the grooves on the back of the radio and slide it upwards until it clicks into place.
2. **Desktop Charging:** Place the radio into the desktop charging cradle. Ensure the charging contacts align. The indicator light on the cradle will show charging status (typically red for charging, green for fully charged).
3. **USB Charging:** Connect the USB charger cable to the charging port on the side of the radio. Plug the other end into a USB power source (e.g., wall adapter, power bank, computer USB port). The indicator light on the USB cable will show charging status.



## 2 Charging Methods are Available

Support USB Battery Direct Charging



Image: The radio demonstrating both USB direct charging and charging via the desktop cradle.

Your browser does not support the video tag.

Video: This video demonstrates the charging process of the Baofeng UV-S9 Plus radio using its 2200mAh battery and USB charger cable.

## 2. Antenna Installation

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

## 3. Belt Clip Installation

Attach the belt clip to the designated slot on the back of the radio by sliding it down until it locks into place.

# OPERATING INSTRUCTIONS

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## 1. Power On/Off and Volume

Rotate the Power/Volume knob clockwise to turn the radio on. Continue rotating to increase the volume. Rotate counter-clockwise to decrease volume and turn off the radio.

## 2. Channel Selection / Frequency Mode

The radio operates in both Channel Mode (pre-programmed channels) and Frequency Mode (VFO - Variable Frequency Oscillator) for direct frequency input.

- Press the **VFO/MR** button to switch between Channel Mode and Frequency Mode.
- In Channel Mode, use the **UP/DOWN** arrow keys to select a channel.
- In Frequency Mode, use the keypad to directly enter the desired frequency.

## 3. Transmitting and Receiving

- To transmit, press and hold the **PTT (Push-To-Talk)** button on the left side of the radio. Speak clearly into the microphone. Release the PTT button to receive.
- Ensure you are on the correct frequency or channel for communication.

## 4. Power Output Adjustment (8W Max)

The UV-S9 Plus offers adjustable power output (1W/4W/8W) to conserve battery or extend range. Higher power consumes more battery but provides greater range.

- Navigate to the power setting in the radio's menu (refer to the included user manual for specific menu navigation).
- Select the desired power level (Low, Mid, High).



# 8W

## 1W/4W/8W



Image: The radio display indicating different transmit power levels: High (8W), Mid (4W), and Low (1W).

Your browser does not support the video tag.

Video: This video demonstrates the power output measurement of the BaoFeng UV-S9 Plus, showing it can achieve over 8 watts when fully charged.

## 5. Special Features

- **VOX (Voice Operated Transmit):** Allows hands-free transmission when voice is detected. Activate and adjust sensitivity in the menu.
- **Scan:** Scans through channels or frequencies to find active transmissions. Press the **SCAN** button (key 6) to activate.
- **Flashlight:** Press the dedicated flashlight button (usually on the side) to turn the LED light on/off.
- **CTCSS/DCS:** Continuous Tone-Coded Squelch System / Digital Coded Squelch. These tones help filter out unwanted signals. Set in the menu for specific channels.



Image: The radio's integrated flashlight illuminating a dark outdoor area, demonstrating its utility.

## 6. Programming with CHIRP

The Baofeng UV-S9 Plus can be programmed using CHIRP software for advanced customization of channels, frequencies, and settings. A programming cable (sold separately) is required. Refer to online resources for detailed CHIRP programming guides.

## MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge when the low battery indicator appears. Store the battery in a cool, dry place if not used for extended periods.
- **Storage:** Store the radio in a dry, dust-free environment away from direct sunlight and extreme temperatures. Remove the battery if storing for long durations.

## TROUBLESHOOTING

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	Wrong frequency/channel; Antenna not connected; Low battery; Squelch too high	Verify frequency/channel; Attach antenna; Charge battery; Adjust squelch level
Poor audio quality	Weak signal; Volume too low/high; Obstructions	Move to an open area; Adjust volume; Check for interference
Battery not charging	Charger/cable faulty; Improper connection	Check charger/cable; Ensure proper connection to radio and power source

## SPECIFICATIONS

Feature	Detail
Brand	Hubbmx

Feature	Detail
Model Number	UV-S9 Plus
Item Weight	9.7 ounces (275 Grams)
Product Dimensions	1.26 x 2.28 x 5.91 inches
Number of Channels	128
Frequency Range	400-470 MHz (UHF)
Voltage	3.7 Volts
Water Resistance Level	Waterproof
Special Features	Portable

## WARRANTY AND SUPPORT

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For warranty information and technical support, please refer to the contact details provided by the manufacturer or your point of purchase. Keep your purchase receipt as proof of purchase for warranty claims.

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