

## BAOFENG UV-25

# BAOFENG UV-25 10W Ham Radio Handheld Instruction Manual

Model: UV-25

## 1. INTRODUCTION

This manual provides detailed instructions for the operation and maintenance of your BAOFENG UV-25 10W Ham Radio Handheld. Please read this manual thoroughly before using the device to ensure proper functionality and safety. The BAOFENG UV-25 is a robust dual-band two-way radio designed for reliable communication across various frequency ranges.

## 2. WHAT'S IN THE BOX

- BAOFENG UV-25 Handheld Radio x 1
- 5200mAh Battery x 1
- Tactical Gooseneck Antenna x 1
- Foldable Antenna x 1
- Headset x 1
- USB Type-C Cable x 1
- Adapter x 1



Figure 1: Contents of the BAOFENG UV-25 package, including the radio, battery, two antennas, headset, USB-C cable, and adapter.

### 3. KEY FEATURES

- **High Power & Enhanced Signal:** Features true 10W high power, 8W medium power, and 5W low power settings for robust signals and extended range. FCC ID: 2AJGM-UV25.
- **Broad Frequency Range:** Supports UV dual-band transmission and reception across 136-174MHz, 400-520MHz, 76-108MHz (FM), 108-136MHz (AIR), 200-260MHz, 350-390MHz, and NOAA weather channels. Stores up to 999 channels.
- **Long-Lasting Battery Life:** Equipped with a 5200mAh high-capacity battery and a Type-C charging port for extended operation and convenient charging.
- **User-Friendly Design:** Large buttons, friction-enhanced power-on knob for easy blind operation. Durable metal construction for resistance to falls and impacts. Includes a top flashlight for emergencies.
- **One-Touch Frequency Search:** Use the [SK1] key to clone frequencies between devices, simplifying setup and frequency management.

- **CHIRP Compatible:** Programmable with both BAOFENG CPS and CHIRP software. Select "UV-25" in CHIRP. BAOFENG CPS is available on the [baofengradio](http://baofengradio.com) website.



Figure 2: The BAOFENG UV-25 supports a wide range of reception frequencies, including FM, AM, VHF, UHF, and NOAA weather channels.





Figure 3: The radio offers selectable power output levels: 10 Watts (High), 8 Watts (Medium), and 5 Watts (Low).

# Durable Metal Design



Figure 4: The BAOFENG UV-25 features a durable metal construction designed to withstand impacts and provide longevity.

## 4. SETUP

1. **Battery Installation:** Align the 5200mAh battery with the back of the radio and slide it into place until it clicks securely. Ensure the battery is fully seated.
2. **Antenna Attachment:** Screw the desired antenna (Tactical Gooseneck or Foldable) clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.
3. **Initial Charging:** Before first use, fully charge the radio's battery. Refer to the 'Charging' section for detailed instructions.

## 5. OPERATING INSTRUCTIONS

1. **Power On/Off:** Rotate the power/volume knob clockwise to turn the radio on. Continue rotating to adjust the volume. Rotate counter-clockwise until it clicks to turn the radio off.
2. **Frequency Selection:** Use the up/down arrow keys on the keypad to navigate through frequencies or channels. The radio supports dual-band operation, allowing monitoring of two frequencies simultaneously.



3. **Adjusting Power Levels:** Access the menu to select between High (10W), Medium (8W), and Low (5W) power output settings. Higher power provides greater range but consumes more battery.
4. **Channel Management:** The radio can store up to 999 channels. For advanced programming and channel management, it is recommended to use CHIRP or BAOFENG CPS software.
5. **One-Touch Frequency Copy:** Press and hold the [SK1] key (typically an orange button on the side) to initiate the one-touch frequency copy function. This allows for quick synchronization of frequencies between two UV-25 radios.
6. **NOAA Weather Channels:** The radio can receive NOAA weather channels. Consult the full user manual for specific instructions on accessing these channels.
7. **Flashlight Function:** The device includes a top-mounted flashlight. Refer to the full user manual for activation instructions, which may involve a dedicated button or a key combination.
8. **GPS Functionality:** The BAOFENG UV-25 series radios may include GPS functionality for location tracking and sharing. This feature allows users to view their current latitude, longitude, altitude, and speed, and can also be used to request location information from other compatible radios. For optimal GPS signal acquisition, use the function in open areas or on rooftops.



Figure 5: The one-key frequency copy feature allows for quick and easy duplication of frequencies between two radios.

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Video 1: This video demonstrates the GPS functionality available in the BAOFENG UV-28 Plus, a related model, showcasing how to activate GPS and view location data. The UV-25 series may offer similar features.

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Video 2: This video provides a general overview of the BAOFENG UV-25 Handheld Ham Radio, highlighting its design and some basic operations.

## 6. CHARGING

The BAOFENG UV-25 is equipped with a 5200mAh high-capacity battery and a convenient USB Type-C charging port. This allows for flexible charging options.

1. **Direct USB-C Charging:** Connect the provided USB Type-C cable to the charging port on the battery. Plug the other end into the included adapter, a laptop USB port, a power bank, or a car charger.
2. **Charging Indicator:** The radio's display or an indicator light on the battery will show the charging status. Ensure the battery is fully charged before extended use.



Figure 6: The 5200mAh battery can be charged directly via its Type-C port using various power sources.

## 7. MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use 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.
- **Antenna Care:** Avoid bending or stressing the antenna excessively. Ensure it is securely attached during use.

## 8. TROUBLESHOOTING

- **No Power:** Check if the battery is properly installed and charged. Ensure the power/volume knob is turned on.
- **No Signal/Poor Reception:** Verify the antenna is securely attached. Check the selected frequency or channel. Ensure you are within range of a transmitting station or repeater.
- **Cannot Transmit:** Confirm you have the correct frequency and power settings. Ensure your license permits transmission on the selected frequency.
- **Audio Issues:** Adjust the volume. Check the headset connection if one is in use.

## 9. SPECIFICATIONS

Specification	Detail
Item Weight	2.25 pounds
Package Dimensions	9.33 x 8.11 x 2.83 inches
Item Model Number	UV-25
Batteries	1 9V batteries required (included)
Manufacturer	BAOFENG
Brand	BAOFENG
Color	Black
Number of Channels	999
Special Feature	Digital Display, Dual Band, Long Range, Rechargeable, Voice Operated Transmission
Frequency Range	UHF VHF
Voltage	12 Volts



Water Resistance Level	Not Water Resistant
Included Components	BAOFENG Handheld Radio x 1, Battery, Headset x 1, Tactical Gooseneck ANT & Foldable ANT x 1, USB Type-C Cable x 1, Adapter x 1
Compatible Devices	Repeater

## 10. WARRANTY AND SUPPORT

The BAOFENG UV-25 comes with an 18-month warranty and lifetime support. For any inquiries or assistance, please contact BAOFENG customer service.