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› [BAOFENG](#) /

› BAOFENG UV-25 Walkie Talkie User Manual

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Model: UV-25

INTRODUCTION

The BAOFENG UV-25 is a powerful and versatile tri-band walkie talkie designed for reliable communication across various frequencies. Featuring a 10W output, wireless frequency copy function, and convenient USB-C charging, it is suitable for a wide range of applications from outdoor activities to professional use. This manual provides detailed instructions for setup, operation, and maintenance of your UV-25 radio.

PACKAGE CONTENTS

Please verify that all items listed below are included in your package:

- 1x Portable Radio (BAOFENG UV-25)
- 1x Original Goose Tube Antenna
- 1x 48cm/18.89in Tactical Antenna
- 1x Type-C Charger Cable
- 1x US Charger Adapter
- 1x Li-ion Battery (5200mAh capacity)
- 1x Belt Clip
- 1x Sling
- 1x User's Manual
- 1x Headset
- 1x Programming Cable
- 1x Speaker Microphone



Image: All components included in the BAOFENG UV-25 package.

SETUP

1. Battery Installation

To install the Li-ion battery (rated at 5200mAh), align the battery with the grooves on the back of the radio and slide it upwards until it clicks into place. Ensure it is securely fastened to prevent accidental detachment during use.

2. Antenna Attachment

Screw the desired antenna (either the original goose tube antenna or the tactical antenna) clockwise onto the SMA-Female connector at the top of the radio until it is finger-tight. Do not overtighten.

3. Initial Charging

Before first use, fully charge the battery. Connect the Type-C charging cable to the radio's USB-C port and the other end to the US charger adapter or a compatible USB power source (e.g., power bank, laptop, car charger). The charging indicator light will be red during charging and turn green when fully charged.

USB-C Charging

● Green: Fully Charged ● Red: Charging

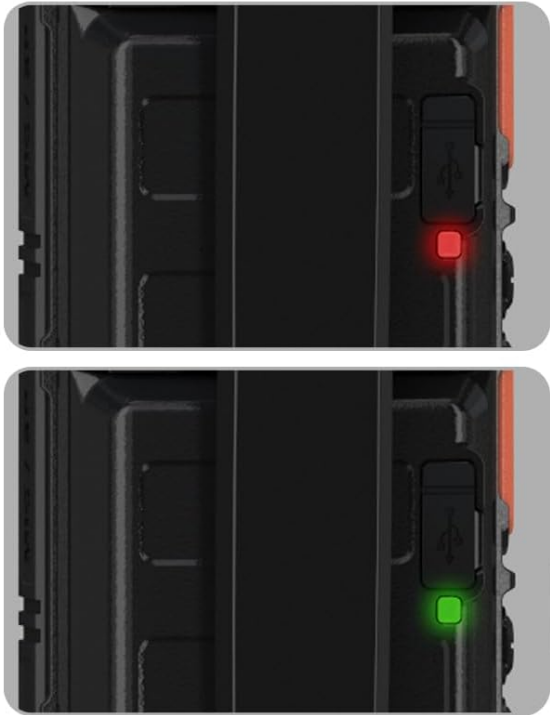


Image: USB-C charging process and indicator lights (red for charging, green for fully charged).

OPERATING INSTRUCTIONS

1. Power On/Off

To power on the radio, rotate the volume knob clockwise until you hear a click. To power off, rotate it counter-clockwise until it clicks off.

2. Wireless Frequency Copy (One-Click Copying)

The UV-25 features a wireless frequency copy function for quick and efficient channel matching. Refer to the on-screen prompts or the specific button combination in the radio's menu for initiating this process. This allows for rapid duplication of frequencies from another radio.

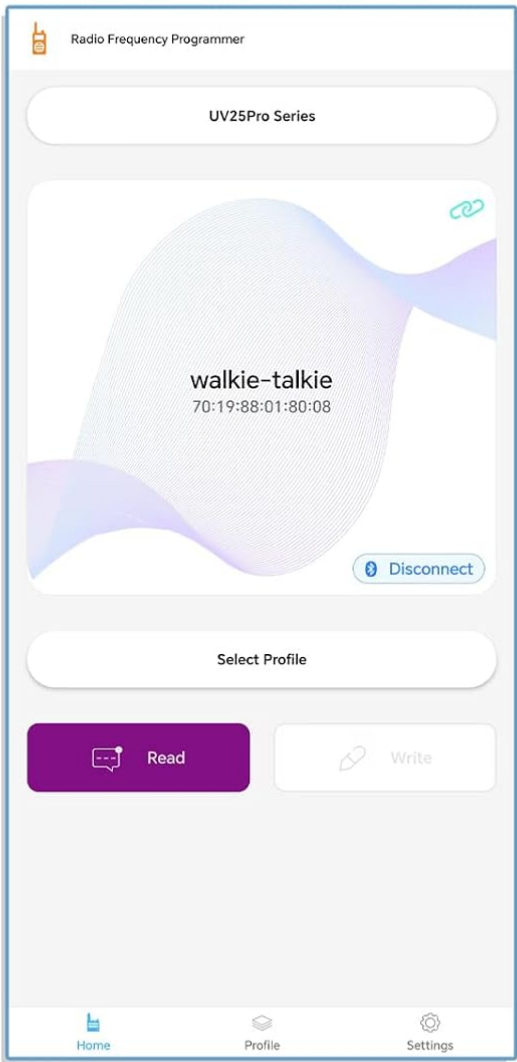
3. Programming the Radio

The radio can be programmed both manually via the keypad and through computer software using the provided programming cable. Most settings, including adding/deleting memory channels, managing scanning lists, and adjusting VOX/squelch/power save levels, can be configured directly from the radio's menu.



Wireless Programming

Works perfect with our wireless programmer



-The link just for radio, does not include programmer-

Image: Example of wireless programming interface for the UV-25 series.

4. Push-to-Talk (PTT) Button

Press and hold the large PTT button on the side of the radio to transmit. Release it to receive. Due to the radio's design and weight, exercise care when handling to avoid accidental key-ups, as the PTT button is easily actuated.

5. VOX, Squelch, and Power Save

These functions can be adjusted via the radio's menu:

- **VOX (Voice Operated Transmit):** Enables transmission automatically when voice is detected, without pressing PTT.
- **Squelch:** Adjusts the threshold for receiving signals, filtering out weak noise.
- **Power Save:** Reduces battery consumption by periodically turning off the receiver circuit.

KEY FEATURES

Tri-Band Frequency Support

The BAOFENG UV-25 supports a wide range of frequencies, enhancing its versatility:

- FM: 65-108MHz (Receive only)
- AM: 108-136MHz (Receive only)
- VHF: 136-174MHz (Receive & Transmit)
- UHF: 400-520MHz (Receive & Transmit)
- Additional Receive Bands: 200-260MHz, 350-390MHz, 480-520MHz

Multi-Band

FM: 65-108MHz
AM: 108-136MHz(RX)
136-174MHz(RX&TX)
220-260MHz(RX&TX)
350-390MHz(RX)
400-480MHz(RX&TX)
480-520MHz(RX)

1.77" TFT Screen



Image: Multi-band frequency ranges and the 1.77-inch TFT screen display.

Goose Tube Gain Antenna

The included goose tube antenna is designed for long signal transmission and high flexibility. Its robust construction allows it to be bent without damage, providing a stronger signal and improved range, ideal for various environments.



Image: The flexible goose tube antenna and its contribution to extended communication range.

NOAA Weather Alarm

The UV-25 includes a NOAA weather alarm feature, which detects and predicts extreme weather events in a timely manner. This function provides critical alerts for conditions such as sandstorms, heavy rain, blizzards, and general rainstorms, enhancing user safety.

NOAA Weather Alarm

NOAA Detects and Predicts Extreme Weather Events in a Timely Manner.



Sandstorm



Rainy



Blizzard



Rainstorm

Image: NOAA Weather Alarm feature providing timely alerts for severe weather.

MAINTENANCE

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or abrasive cleaners.
- **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.
- **Antenna:** Ensure the antenna connection remains clean and free of debris.
- **Water Resistance:** The radio has an IP45 waterproof rating, meaning it is protected against water jets from any direction. However, it is not designed for submersion. Avoid exposing the radio to heavy rain or direct water spray for prolonged periods.

TROUBLESHOOTING

- **Difficulty Navigating Menus:** The UV-25 has extensive menu options. Refer to the detailed user manual (physical

copy included) for specific navigation steps. Practice using the keypad and menu system to become familiar with its operation.

- **Limited Frequency Access:** Some frequencies may be blocked or restricted based on regional regulations or specific radio configurations. Ensure your radio's firmware and programming are up-to-date and compliant with local amateur radio regulations. For advanced frequency modifications, consult official BAOFENG resources or qualified technicians.
- **Accidental PTT Activation:** The PTT button is large and sensitive. To prevent unintended transmissions, be mindful of how you grip the radio, especially when picking it up or placing it down. Consider using the belt clip or sling to secure the radio when not actively transmitting.
- **FM/NOAA Functions Not Working:** If these functions are not operating, perform a system reset as per the detailed manual. Ensure the radio's firmware supports these features, as some variants (e.g., 'L' models vs. 'M' models) may have different capabilities.

SPECIFICATIONS

Model Number	UV-25
Output Power	9-10W
Battery Capacity	5200mAh (Li-ion)
Water Resistance Level	IP45
Material	Plastic
Storage Channels	999 channels
Talking Range (Maximum)	10 km
Dimensions	180mm x 70mm x 45mm (approx. 1.77 x 2.76 x 1.77 inches)
Display	1.77 inch Color Large Screen Display
Frequency Range	FM, VHF: 144-148MHz, UHF: 420-450MHz (and other receive bands)
Tuner Technology	UHF/VHF
Voltage	3.6 Volts (DC)
Item Weight	Approx. 2.49 pounds
Country of Origin	China

WARRANTY AND SUPPORT

A 1-year warranty is provided for the BAOFENG UV-25 walkie talkie. This warranty is exclusively provided through "Shiqun Electronics Co., Ltd". For any issues with compatible models or product support, please contact the seller directly.

For further assistance or detailed technical inquiries, refer to the comprehensive user manual included in your package or visit the official BAOFENG support resources.

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

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