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› [BAOFENG UV-32 Ham Radio User Manual](#)

## BAOFENG UV-32

# BAOFENG UV-32 Ham Radio User Manual

Model: UV-32

## 1. INTRODUCTION

This manual provides comprehensive instructions for the operation and maintenance of your BAOFENG UV-32 Ham Radio. Please read this manual thoroughly before using the device to ensure proper function and safety.



Image: The BAOFENG UV-32 Ham Radio, showcasing its display and robust design.

## 2. PRODUCT FEATURES

- **Dual GPS/BeiDou Tracking:** Share and request location coordinates in real-time, essential for off-grid communication.
- **Bluetooth APP Programming:** Wirelessly configure up to 1000 channels using a mobile application.
- **Adjustable Power Output:** Select between 10W, 5W, or 1W to optimize range and battery life.
- **One-touch Frequency Scan:** Quickly clone channels for efficient setup.
- **HD Audio:** Equipped with a 40mm speaker for clear communication in noisy environments.
- **Multi-band Monitoring:** Supports AM/FM/VHF/UHF bands, including 108-136MHz for aviation.
- **1000-Channel Storage:** Organize channels across 10 zones for various operational needs.
- **USB-C Charging:** Convenient charging via USB-C ports, power banks, or car adapters.
- **Dual Display/Dual Guard:** Monitor two frequencies simultaneously.

# Connecting application programming

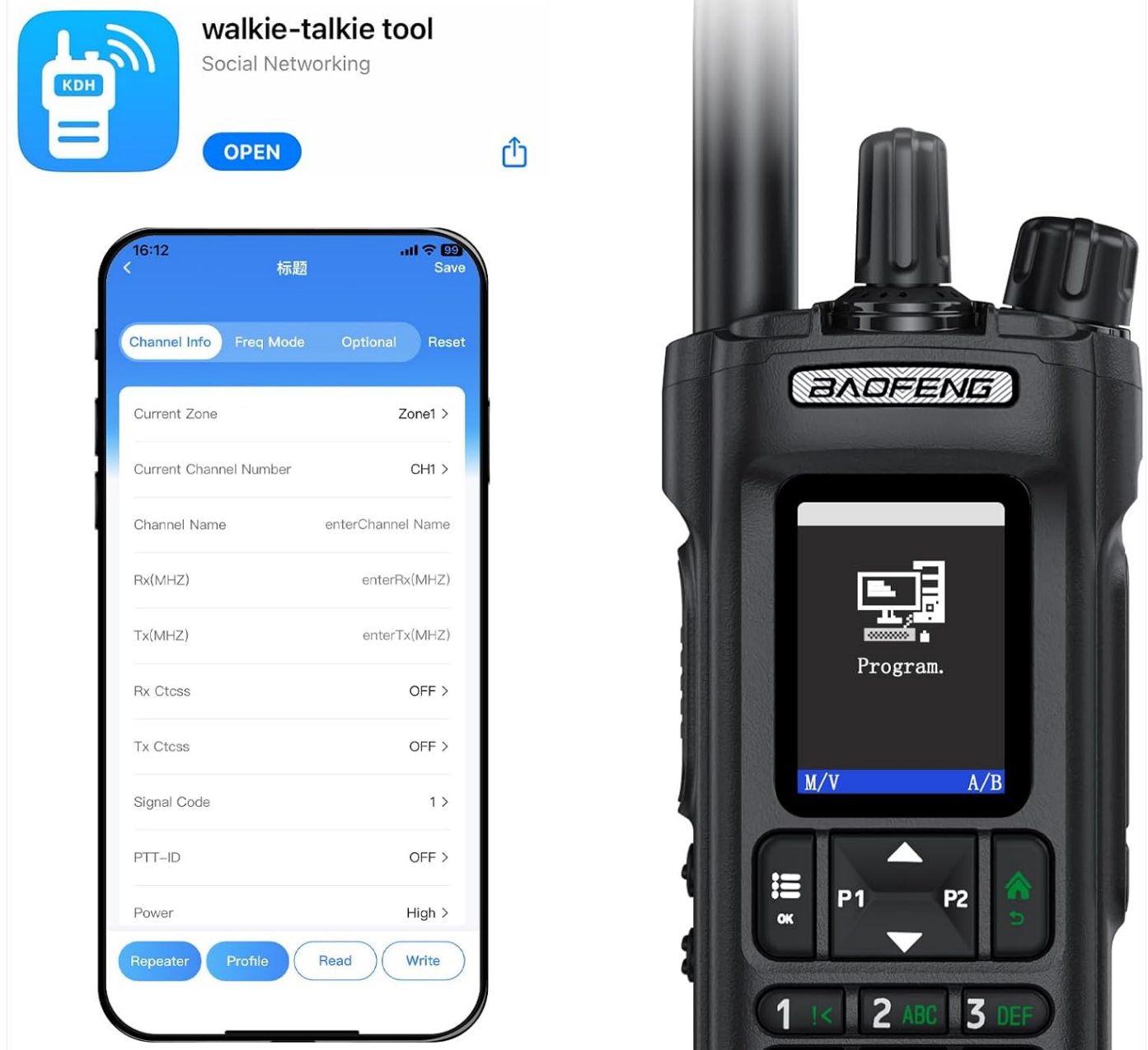


Image: Visual representation of the BAOFENG UV-32's key functions and features.

### 3. PACKAGE CONTENTS

Verify that all items are present in your package:

- BAOFENG UV-32 Radio Unit
- Antenna
- Battery (Nonstandard Battery)
- Charger (Desktop Dock and AC Adapter)
- Lanyard
- User Manual (this document)
- Back Clip (for "1 Pack Black+Back Clip" variant)



Image: The BAOFENG UV-32 radio with its back clip, demonstrating portability.

## 4. SETUP GUIDE

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### 4.1 Battery Installation

1. Align the battery pack with the grooves on the back of the radio.
2. Slide the battery upwards until it clicks into place.
3. To remove, press the battery release latch (if present) and slide the battery downwards.

### 4.2 Antenna Attachment

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

### 4.3 Charging the Battery

The UV-32 supports two charging methods:

- **Desktop Charger:** Place the radio (with battery installed) into the charging dock. Ensure the charging contacts align. The indicator light will show charging status.
- **USB-C Direct Charging:** Connect a USB-C cable to the port on the side of the radio and to a power source (e.g., computer, wall adapter, power bank, car charger).

Charge the battery fully before first use. A full charge typically takes several hours.



Image: Demonstrates the versatility of Type-C charging for the BAOFENG UV-32.

## 5. OPERATING INSTRUCTIONS

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### 5.1 Power On/Off and Volume

- **Power On:** Rotate the **POWER/VOLUME** knob clockwise until you hear a click.

- **Adjust Volume:** Continue rotating the knob to increase or decrease the volume.
- **Power Off:** Rotate the knob counter-clockwise until you hear a click.

## 5.2 Channel Selection

Use the **UP/DOWN** arrow keys or the numeric keypad to select a channel. The display will show the current channel number and frequency.

## 5.3 Transmitting (PTT)

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

## 5.4 Dual Display / Dual Guard

The UV-32 can monitor two frequencies simultaneously. Activate the Dual Guard function through the radio's menu or a dedicated button (refer to the on-screen interface for specific options).

# TYPE-C CHARGING

## Say goodbye to charging anxiety



The image illustrates the radio's charging capabilities. On the left, the Baofeng UV-32 radio is shown with a Type-C charging cable plugged into its bottom port. The radio's screen displays the 'Dual Watch' feature, showing two frequencies: 462.15250 and 434.22500. The background is a scenic mountain landscape. On the right, four panels show different charging options:

- Computer:** A Type-C cable plugged into a laptop's charging port.
- Wall Plug:** A white USB-C wall charger plugged into a standard wall outlet.
- Power Bank:** A white USB-C power bank with a Type-C cable plugged into its port.
- Car Charger:** A black USB-C car charger plugged into a car's cigarette lighter.

Image: The radio's screen displaying the Dual Watch feature, allowing simultaneous monitoring of two channels.

## 5.5 APP Programming (Bluetooth)

1. Download the "Radio Frequency Programmer" mobile application from your device's app store.
2. Enable Bluetooth on your mobile device and the UV-32 radio.
3. Open the app and follow the on-screen instructions to connect to your radio.
4. You can then wirelessly edit channel information, frequencies, and other settings.

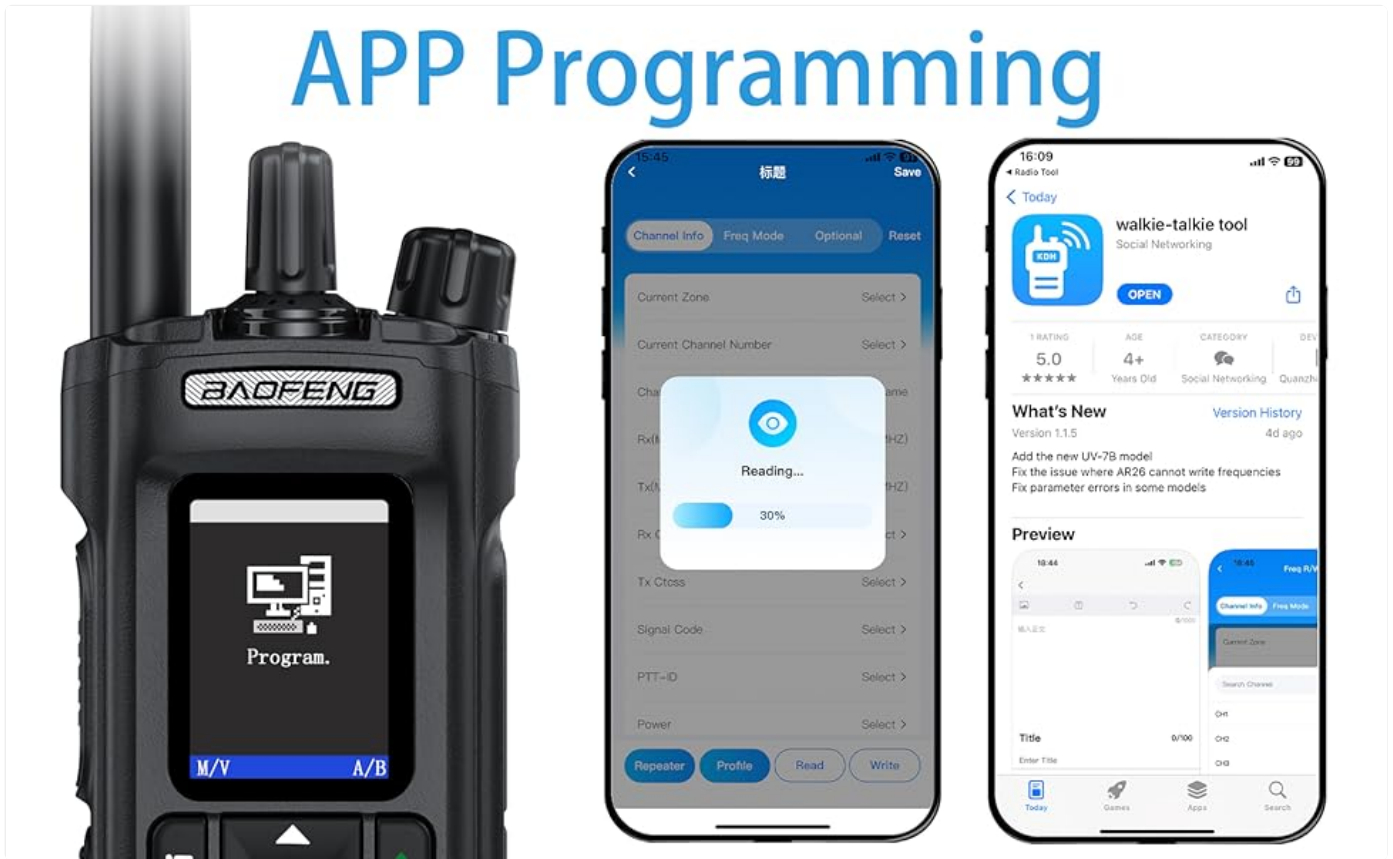


Image: The BAOFENG UV-32 in programming mode, with a smartphone displaying the channel programming application.

## 5.6 One-touch Frequency Scan / Copy Frequency

This feature allows for quick cloning of frequencies from another radio. Press and hold the designated scan button (e.g., SK1) to initiate the smart scan and copy process. The radio will detect and store the active frequency.

# One-key Frequency Pairing

Press and hold the SK1 button



Image: Illustration of the one-key frequency pairing feature between two BAOFENG UV-32 radios.

## 5.7 Adjustable Power Output

Access the menu to select your desired power output: 10W (High), 5W (Mid), or 1W (Low). Higher power provides greater range but consumes more battery. Lower power conserves battery for shorter distances.

# DOUBLE DISPLAY/DOUBLE GUARD

Meet customers' needs in different environments



Image: The BAOFENG UV-32's power adjustment menu, showing options for 10W, 5W, and 1W output.

## 5.8 GPS/BeiDou Tracking

The integrated GPS/BeiDou module allows for real-time location sharing. Refer to the radio's menu for GPS functions, including sending your coordinates and requesting those of other UV-32 users.

## 6. MAINTENANCE

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- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Do not use harsh chemicals or solvents.
- **Battery Care:** 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 is securely attached but not overtightened. Avoid bending or stressing the antenna.
- **Water Resistance:** This device is **Not Water Resistant**. Protect it from rain, splashes, and immersion in water.

## 7. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery or re-install it securely.
Cannot transmit or receive.	Incorrect frequency/channel, low battery, or antenna issue.	Verify frequency, charge battery, check antenna connection. Ensure you are within range of other radios.
Poor audio quality.	Low signal strength, interference, or incorrect squelch setting.	Move to an area with better signal, adjust squelch level, check for sources of interference.
APP programming fails to connect.	Bluetooth not enabled, app not updated, or radio not in programming mode.	Ensure Bluetooth is on for both devices, update the app, and follow app instructions to put the radio in programming mode.

## 8. SPECIFICATIONS

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<b>Brand</b>	BAOFENG
<b>Model Number</b>	UV-32
<b>Number of Channels</b>	1000
<b>Frequency Range</b>	UHF350-390/400-520MHz, VHF136-174MHz/220-260MHz
<b>Talking Range Maximum</b>	10 Kilometer (approx. 6.2 miles)
<b>Power Output</b>	10W / 5W / 1W (Adjustable)
<b>Voltage</b>	7.4 Volts (DC)
<b>Water Resistance Level</b>	Not Water Resistant
<b>Connectivity Protocol</b>	Bluetooth
<b>Charging Type</b>	USB-C, Desktop Dock
<b>Dimensions (Approx.)</b>	Height: 6.26", Width: 2.28", Depth: 1.57"
<b>Weight (Approx.)</b>	13.58 oz

# CONVENIENT TO CARRY

Original Plastic Belt Holder Case with Clip



Image: Detailed dimensions and weight of the BAOFENG UV-32 radio.

## 9. WARRANTY AND SUPPORT

Your BAOFENG UV-32 Ham Radio comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use.

For technical support, warranty claims, or service inquiries, please contact BAOFENG customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty validation.



