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## BAOFENG UV-17

# BAOFENG UV-17 Tri-Band Ham Radio Instruction Manual

Model: UV-17

## INTRODUCTION

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This manual provides detailed instructions for the proper use and maintenance of your BAOFENG UV-17 Tri-Band Ham Radio. Please read this manual thoroughly before operating the device to ensure safe and efficient use.

## PACKAGE CONTENTS

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Verify that all items are present in your package:

- Tri-Band Portable Radio
- 1800mAh Battery
- High Gain Antenna
- Charger Base
- Belt Clip
- Hand Strap
- User's Manual (this document)
- Type-C Cable
- Programming Cable
- 771 Antenna
- Microphone
- Headset

## SETUP

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### 1. Battery Installation

To install the 1800mAh battery:

1. Align the battery with the compartment on the back of the radio.
2. Slide the battery into place until it clicks securely.

3. Ensure the added fixing screw is tightened to prevent the battery from detaching.



*Image: Battery installation on the BAOFENG UV-17 radio, highlighting the 1800mAh battery and the fixing screw for secure attachment.*

## 2. Antenna Attachment

Screw the provided high-gain antenna onto the connector at the top of the radio until it is finger-tight. Do not overtighten.

## 3. Charging the Radio

The UV-17 radio can be charged using the included Type-C cable or the charger base.

- **USB-C Charging:** Connect the Type-C cable to the radio's USB-C port and to a compatible power source such as a car charger, PC USB port, or power bank.
- **Charger Base:** Place the radio in the charger base, ensuring proper contact.

A full charge typically takes approximately 3 hours. The battery life is approximately 5 days of active use, with a standby time of about 10 days.

# USB-C Charging

Compatible with



Car Charger



PC USB



Charger Bank



**Battery Life**

**5 Days**

Approx

**Stand-by**

**10 Days**

Approx

**Charging time**

**3hrs**

Approx

*Image: The BAOFENG UV-17 radio connected for USB-C charging, illustrating compatibility with various power sources and indicating approximate battery performance metrics.*

## OPERATING INSTRUCTIONS

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### 1. Radio Controls Overview



Image: Labeled diagram of the BAOFENG UV-17 radio, indicating the location and function of its main components and controls.

- **Power/Volume Knob:** Rotate to turn the radio on/off and adjust volume.
- **Antenna:** For transmitting and receiving signals.
- **PTT (Push-to-Talk) Button:** Press and hold to transmit, release to receive.
- **Menu Button:** Access the radio's menu settings.
- **FM Button:** Activates FM radio function.
- **Keypad:** For manual frequency input and menu navigation.
- **Flashlight Button:** Activates the built-in flashlight.
- **LED Screen:** Displays frequency, channel, and status information.
- **2pin K Jack:** For connecting external audio accessories (headset, microphone).

## 2. Basic Functions

- **999 Channels:** The radio supports up to 999 programmable channels.
- **CTCSS/DCS:** Continuous Tone-Coded Squelch System / Digital Coded Squelch for filtering unwanted signals.
- **VOX Mode:** Voice-Operated Exchange allows hands-free transmission.
- **Tri-Band Operation:** Supports UHF (420-450MHz), VHF (144-148MHz), and Amateur bands,

including FM radio reception.

- **NOAA Weather Alert:** The UV-17 can scan and receive 10 NOAA weather channels, providing timely weather warnings.

# Tri-Band

Anti-interference

Noise Cancelling

Strong Confidentiality



UHF: 420-450MHz  
VHF: 144-148MHz  
FM  
Amateur

*Image: The BAOFENG UV-17 radio showcasing its tri-band capabilities and features like anti-interference and noise cancellation, with specific frequency ranges listed.*

### 3. Frequency Copy Function

The wireless frequency copy function allows direct programming of frequencies from one UV-17 radio to another without a computer or programming cable.

# Frequency Copy Direct

## One Key Copy Frequency

Say goodbye to the complicated copy function  
Do not need to get the frequency via programming cable



*Image: Two BAOFENG UV-17 radios demonstrating the direct frequency copy function, enabling easy transfer of settings between devices.*

#### 4. Flashlight Operation

The radio includes a built-in strong light flashlight, suitable for night use and providing large area illumination. Press the dedicated Flashlight Button to activate or deactivate it.

# Strong Light Flashlight

“Light as Day”

Large area irradiation

Suitable for night use



*Image: The BAOFENG UV-17 radio's integrated flashlight in use, demonstrating its illumination capability in a low-light environment.*

## MAINTENANCE

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### 1. General Care

- Keep the radio clean by wiping it with a soft, damp cloth. Avoid harsh chemicals.
- The radio has an IP54 waterproof rating, meaning it is protected from dust and splashing water. Do not submerge the radio in water.
- Store the radio in a cool, dry place when not in use.

### 2. Battery Care

- Charge the battery fully before first use.
- Avoid completely draining the battery frequently to prolong its lifespan.
- If storing the radio for an extended period, charge the battery to about 50% and remove it from the radio.

## TROUBLESHOOTING

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If you encounter issues with your BAOFENG UV-17 radio, consider the following general troubleshooting steps:

- **No Power:** Ensure the battery is correctly installed and fully charged. Check the power/volume knob.
- **Cannot Transmit/Receive:** Verify the antenna is securely attached. Check the selected frequency/channel. Ensure the PTT button is functioning.
- **Poor Audio Quality:** Check the volume level. Ensure the microphone and speaker are not obstructed.
- **Charging Issues:** Confirm the Type-C cable or charger base is properly connected and the power source is active.

For persistent issues, refer to the detailed user manual provided with your product or contact customer support.

## SPECIFICATIONS

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Feature	Detail
Brand	BAOFENG
Model Number	UV-17/UV-17R/UV-17 Plus/UV-17 Pro
Frequency Range	144-148MHz (VHF), 420-450MHz (UHF), Amateur, FM
Number of Channels	999
Battery Capacity	1800mAh Lithium Ion
Input Voltage	DC 7.4V
Max Talking Range	6.1 Miles (approx.)
Water Resistance Level	IP54 (Waterproof)
Operating Temperature	-10°C to 60°C
Antenna Impedance	50 Ω
Special Features	999 Channels, FM, NOAA, Tri-Band, USB-C Charging, Wireless Frequency Copy
Item Weight	27.69 Ounces (approx. 1.73 pounds)

## WARRANTY INFORMATION

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A **1-year warranty** is provided for the BAOFENG UV-17 radio. This warranty is exclusively offered through "Shiqun Electronics Co., Ltd". Please retain your proof of purchase for warranty claims.

## SUPPORT

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For technical assistance, troubleshooting, or warranty inquiries, please contact the seller or manufacturer directly. Refer to your purchase documentation for specific contact details.

