

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [BAOFENG](#) /

› [BAOFENG UV-17 5W Ham Radio Tri-Band UV&Amateur USB-C Charger 999 Channels FM Two Way Radio Long Range 1800mAh Enlarge Battery IP54 LCD for Adult Red with Type-c and Programming Cable](#)

BAOFENG UV-17/UV-17R/UV-17 Plus/UV-17 Pro

BAOFENG UV-17 Tri-Band Two-Way Radio

USER INSTRUCTION MANUAL

1. INTRODUCTION

The BAOFENG UV-17 is a versatile tri-band two-way radio designed for amateur and professional use. It features a robust design, a large LCD display, and a comprehensive set of functions including 999 channels, NOAA weather alerts, and USB-C charging. This manual provides detailed instructions for the proper setup, operation, and maintenance of your UV-17 radio.



Figure 1.1: BAOFENG UV-17 Radio and its accompanying accessories.

2. PACKAGE CONTENTS

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

- Tri-Band Portable Radio (BAOFENG UV-17)
- 1800mAh Lithium-Ion Battery
- High Gain Antenna
- Desktop Charger Base
- Belt Clip
- Hand Strap
- User's Manual
- USB Type-C Cable

- Programming Cable

3. PRODUCT OVERVIEW

Familiarize yourself with the various parts and controls of the BAOFENG UV-17 radio.



Tri-Band

Anti-interference
Noise Cancelling
Strong Confidentiality



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

Figure 3.1: Labeled components of the BAOFENG UV-17 radio.

Antenna: For transmitting and receiving signals.

Power/Volume Knob: Turns the radio on/off and adjusts volume.

LED Indicator: Shows radio status (e.g., transmitting, receiving).

Flashlight Button: Activates the built-in flashlight.

LED Screen: Displays frequency, channel, and other operational information.

PTT (Push-to-Talk) Button: Press to transmit, release to receive.

2pin K Jack: For connecting external audio accessories (headsets, microphones).

Menu Button: Accesses the radio's menu system.

Mic: Built-in microphone for voice transmission.

FM Button: Activates FM radio function.

Exit Button: Exits menu or current function.

Keypad: For entering frequencies, channel numbers, and menu selections.

Speaker: Outputs received audio.

Flashlight: Integrated light source.

4. SETUP

4.1 Battery Installation

1. Align the 1800mAh battery pack with the battery compartment on the back of the radio.
2. Slide the battery upwards until it clicks securely into place. Ensure the added fixing screw is tightened for firmness.
3. To remove, slide the battery release latch (if present) and slide the battery downwards.

Long Stand-by

1800mAh



Figure 4.1: Installing the 1800mAh battery for long stand-by time.

4.2 Antenna Attachment

Screw the high gain 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-17 supports convenient USB-C charging. A full charge typically takes approximately 3 hours.

- **Using the USB-C Cable:** Connect the provided USB Type-C cable directly to the radio's USB-C port and to a compatible power source such as a car charger, PC USB port, or power bank.
- **Using the Desktop Charger Base:** Place the radio (with battery installed) into the desktop charger base. Connect the charger base to a power outlet. The LED indicator on the charger will show charging status.

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

Figure 4.2: USB-C charging options for the UV-17 radio.

5. OPERATING INSTRUCTIONS

5.1 Power On/Off and Volume Control

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

5.2 Channel Selection and Frequency Range

The UV-17 supports 999 channels and operates across tri-band frequencies: UHF (420-450MHz), VHF (144-148MHz), and Amateur bands. Use the keypad to directly input frequencies or navigate through programmed channels using the up/down arrow buttons.

Long Stand-by 1800mAh



Added fixing screw to ensure firmness without dropping off

Figure 5.1: The UV-17 supports Tri-Band operation for UHF, VHF, and Amateur frequencies.

5.3 Frequency Copy Function

The UV-17 features a wireless frequency copy function, allowing direct programming from one radio to another without a computer or programming cable. This simplifies setup and ensures unobstructed communication.

Frequency Copy Direct

One Key Copy Frequency

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



Figure 5.2: Wireless frequency copy function for direct radio-to-radio programming.

5.4 VOX Mode

VOX (Voice Operated Exchange) mode allows for hands-free transmission. When VOX is enabled, the radio will automatically transmit when it detects your voice, eliminating the need to press the PTT button. Refer to the menu settings for VOX activation and sensitivity adjustment.

5.5 NOAA Weather Alert

The UV-17 includes a NOAA function, providing access to 10 U.S.A. NOAA weather forecast channels. This feature allows users, especially those outdoors, to receive timely weather warnings. Activate the NOAA function through the radio's menu.

5.6 Flashlight

The radio is equipped with a 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



Figure 5.3: The integrated flashlight provides strong illumination.

6. MAINTENANCE

6.1 General Care

- Clean the radio's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Keep the radio dry. While it has an IP54 waterproof rating, it is not designed for submersion.
- Avoid exposing the radio to extreme temperatures, direct sunlight, or dusty environments.

6.2 Battery Care

- Charge the battery fully before first use.
- Do not overcharge or deep discharge the battery.
- If storing the radio for an extended period, remove the battery and store it in a cool, dry place.

7. TROUBLESHOOTING

If you encounter issues with your BAOFENG UV-17, refer to the following common problems and solutions:

- **Radio does not power on:** Ensure the battery is properly installed and fully charged. Check the Power/Volume knob position.
- **No audio from speaker:** Check the volume level. Ensure no external audio accessories are connected to the 2pin K Jack.
- **Cannot transmit or receive:** Verify the antenna is securely attached. Ensure you are on an active channel or frequency. Check for interference.
- **Short battery life:** Ensure the battery is fully charged. Battery performance can degrade over time; consider replacing if significantly reduced.
- **Frequency copy fails:** Ensure both radios are within close proximity and in the correct mode for frequency copying.

For persistent issues not resolved by these steps, please contact customer support.

8. SPECIFICATIONS

| Feature | Specification |
|------------------------|-------------------------------------|
| Brand | BAOFENG |
| Model Number | UV-17/UV-17R/UV-17 Plus/UV-17 Pro |
| Net Weight | 22.05 ounces / 625 g |
| Battery Capacity | 1800mAh Lithium Ion |
| Max Range | 6.1 miles |
| Channels | 999 |
| Input Voltage | DC 7.4V |
| Frequency Range | 144-148MHz, 420-450MHz, Amateur, FM |
| Operating Temperature | -10C to 60C |
| Antenna Impedance | 50 |
| Water Resistance Level | IP54 Waterproof |
| Display Type | LCD |
| Special Features | NOAA, FM, Tri-Band, USB-C Charging |

9. WARRANTY AND SUPPORT

The BAOFENG UV-17 radio comes with a **1-year warranty** provided only through "Shiqun Electronics Co., Ltd". Please retain your proof of purchase for warranty claims.

For technical support, warranty inquiries, or service, please contact Shiqun Electronics Co., Ltd. through the vendor information provided at the point of purchase.



© 2024 BAOFENG. All rights reserved.