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BAOFENG UV17L-3B_BK

BAOFENG UV-17L Tri-Band Walkie Talkie User Manual

Model: UV17L-3B_BK

Introduction

This manual provides comprehensive instructions for the operation and maintenance of your BAOFENG UV-17L Tri-Band Walkie Talkie. Please read this manual thoroughly before using the device to ensure proper function and safety.
The BAOFENG UV-17L is a versatile handheld radio designed for reliable two-way communication across multiple frequency bands, including 136-174MHz, 220-260MHz, and 400-520MHz. It features a 1.77-inch high-definition large screen display, Type-C USB charging, and a built-in LED flashlight.



Image: The Baofeng UV-17L Tri-Band Walkie Talkie, showcasing its compact design and display.

What's in the Box

Verify that all items listed below are present in your package:

- UV-17Pro Two way radio x 1
- Li-ion Battery (with one screw) x 1
- Belt Clip x 1
- Lanyard x 1

- Headset x 1
- Power Adapter x 1
- USB Cable x 1
- User Manual x 1



Image: All components included in the Baofeng UV-17L package, laid out for inspection.

Product Overview

Familiarize yourself with the various parts and controls of your UV-17L radio:

Product Accessories

Radio*1,Battery*1,Charger*1,Belt clip*1,Headset*1,
Strap*1,Adaptor*1,Antenna*1,Instructions*1



Image: Detailed diagram illustrating the numbered components and controls of the UV-17L radio.

1. Antenna
2. Flashlight/Emergency Alert key
3. PTT key (Push-to-Talk)
4. FM broadcast/Monitor key
5. MENU key
6. Numeric keypad
7. Power/Volume knob
8. Color LCD Display
9. Speaker/Mic Jacks
10. MIC Input
11. Exit Key
12. ∧ or ∨ navigation keys
13. Battery pack
14. Type-C charging port
15. Battery tightening screw
16. Type-C charging indicator
17. LED flashlight
18. LED Status Indicator

Setup

1. Battery Installation and Charging

The UV-17L comes with a Li-ion battery. Before first use, ensure the battery is fully charged.

- Align the battery pack with the grooves on the back of the radio and slide it upwards until it clicks into place. Secure it with the battery tightening screw if applicable.
- Connect the provided USB Type-C cable to the Type-C charging port (14) on the radio and the other end to the power adapter.
- Plug the power adapter into a standard AC outlet. The Type-C charging indicator (16) will illuminate to show charging status.
- A full charge typically takes several hours. The indicator will change or turn off when charging is complete.



Image: The UV-17L radio connected via its Type-C USB port for charging, demonstrating various charging methods like power bank, car, and computer.

2. Antenna Attachment

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

3. Belt Clip and Lanyard

Attach the belt clip to the back of the radio for convenient carrying. The lanyard can be attached to the designated loop for added security.

Operating Instructions

1. Power On/Off and Volume Control

To power on the radio, rotate the Power/Volume knob (7) clockwise. Continue rotating to adjust the volume. Rotate counter-clockwise until a click is heard to power off the radio.

2. Frequency and Channel Display

The 1.77-inch high-definition color LCD display (8) shows frequency and channel information. You can switch between frequency and channel display modes to suit your preference.



Image: The UV-17L's 1.77-inch color screen displaying frequency information and a menu overlay, indicating user-friendly interface.

3. Wireless Copy Frequency (FQSCAN)

This feature allows the UV-17L to quickly copy frequency and privacy codes from another radio.

1. Press the MENU key (5) to enter the "FQSCAN" interface.
2. Press MENU again. The UV-17L will begin searching for another radio's transmission frequency and privacy code.
3. Once detected, press MENU to store the frequency. This enables communication between the two walkie-talkies.

4. Push-to-Talk (PTT) Key

Press and hold the PTT key (3) on the side of the radio to transmit. Speak clearly into the microphone. Release the PTT key to receive.

5. LED Flashlight

The built-in LED flashlight (17) can be activated using the Flashlight/Emergency Alert key (2). This feature provides illumination in low-light conditions.



Image: The UV-17L radio demonstrating its powerful built-in LED flashlight, illuminating a dark area.

Maintenance

1. Cleaning

Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure all ports are dry before charging or using.

2. 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.



Image: An illustration highlighting the 1800mAh, 7.4V battery of the UV-17L, emphasizing its high energy capacity.

3. Water Resistance

The UV-17L features an IP54 waterproof rating, indicating protection against dust ingress and splashing water from any direction. While it can withstand light rain, it is not designed for submersion. Always ensure the Type-C charging port cover is securely closed when not charging.



Image: The UV-17L radio shown in a natural outdoor environment with simulated rain, illustrating its IP54 waterproof and solid material construction.

Troubleshooting

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

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery. Ensure the battery pack is securely attached.

Problem	Possible Cause	Solution
Cannot transmit or receive.	Incorrect frequency/channel, antenna not attached, or out of range.	Verify frequency settings. Ensure antenna is securely attached. Move closer to the other radio.
Poor audio quality.	Low battery, interference, or incorrect volume.	Charge battery. Move away from sources of interference. Adjust volume.
Wireless Copy Frequency fails.	Other radio not transmitting or too far away.	Ensure the target radio is transmitting. Reduce distance between radios.

Specifications

Feature	Detail
Frequency Range	136-174MHz, 220-260MHz, 400-520MHz
Power	5W/2W
Channel Spacing	25.0KHz (Wide) / 12.5KHz (Narrow)
Memory Channels	999 Groups
Operation Voltage	DC 7.4 V ±10%
Transmission Current	≤1800mA
Receive Sensitivity	0.25μV (12dB SINAD)
Rated Audio Power Output	1W @16 ohms
Receive Current	≤380mA
Connection for Accessories	2 pin Kenwood jack
Antenna Impedance	50 Ohm
Item Weight	1.54 pounds
Package Dimensions	7.48 x 5.91 x 4.33 inches
Water Resistance Level	IP54 Waterproof

Warranty Information

The BAOFENG UV-17L radio comes with a **6-month warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage caused by misuse, accidents, unauthorized modifications, or natural disasters.

Support

For technical assistance, troubleshooting beyond this manual, or warranty inquiries, please contact BAOFENG customer support. Refer to the official BAOFENG website or your purchase documentation for the most current contact information. You can also visit the official BAOFENG store on Amazon for more product information and support resources: BAOFENG Store

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