Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

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

BAOFENG UV-17R Walkie Talkie User Manual

Model: UV-17R
Brand: BAOFENG

1. Introduction and Overview

The BAOFENG UV-17R is a versatile and robust dual-band two-way radio, engineered for reliable long-range communication. It features a large 1800mAh battery for extended standby time, convenient USB-C charging, and 999 programmable channels. This manual provides essential information for setting up, operating, maintaining, and troubleshooting your UV-17R radio.
Key functionalities include direct frequency copy, NOAA weather alerts, DTMF, and VOX mode, making it suitable for a wide range of applications from outdoor adventures to professional use.

2. Package Contents

Upon unboxing your BAOFENG UV-17R, please verify that all the following items are included:

- Dual band Portable Radio (UV-17R)
- 1800mAh Battery
- High Gain Antenna
- Charger Base
- Belt Clip
- Hand Strap
- User's Manual
- Type-C USB Cable
- 771 Antenna
- Headset
- Programming Cable



Figure 2.1: All components included with the BAOFENG UV-17R radio.

3. Product Features

The BAOFENG UV-17R is equipped with a range of features designed for optimal performance and user convenience:

- **Frequency Copy Function:** Simplifies programming by allowing direct frequency transfer between radios without a computer or programming cable.
- **999 Channels:** Extensive channel capacity for diverse communication needs.
- **CTCSS/DCS:** Provides enhanced privacy and reduces interference.
- **VOX Mode:** Voice-activated transmission for hands-free operation.
- **Tri-band Operation:** Supports UHF, VHF, and Amateur frequencies.

- **NOAA Weather Alert:** Access to 10 NOAA weather forecast channels for real-time weather warnings.
- **IP54 Waterproof Rating:** Offers protection against dust and splashing water.
- **1800mAh Enlarge Battery:** Provides long-term standby and operational time.
- **USB-C Charging:** Convenient charging via Type-C cable from various power sources like power banks, PCs, or car chargers.
- **Strong Light Flashlight:** Integrated flashlight for illumination in low-light conditions.



Figure 3.1: Direct Frequency Copy Function.



Figure 3.2: Dual Band Capabilities.



Figure 3.3: Integrated Flashlight Feature.

4. Setup Guide

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. Ensure the battery is securely fastened. The UV-17R includes an added fixing screw to ensure firmness and prevent accidental detachment.



Figure 4.1: Battery Installation.

4.2 Antenna Attachment

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

4.3 Initial Charging

Before first use, fully charge the radio's battery. The UV-17R offers flexible charging options:

- **Using the Charger Base:** Place the radio into the charger base. The indicator light will show charging status.
- **Using USB-C Cable:** Connect the Type-C USB cable to the radio's USB-C port and to a compatible power source (e.g., wall adapter, power bank, PC USB port, car charger).

A full charge typically takes approximately 3 hours. The battery life is approximately 5 days of active use and 10 days on standby.



Figure 4.2: USB-C Charging Options.

5. Operating Instructions

5.1 Radio Components Overview



Figure 5.1: BAOFENG UV-17R Component Diagram.

5.2 Basic Operation

- **Power On/Off:** Rotate the Power/Volume knob clockwise to turn on the radio. Rotate counter-clockwise until it clicks to turn off.
- **Volume Adjustment:** Rotate the Power/Volume knob to adjust the audio output level.
- **Transmitting (PTT):** Press and hold the Push-to-Talk (PTT) button on the side of the radio to transmit. Release to receive.
- **Channel/Frequency Selection:** Use the Up/Down arrow buttons or the keypad to select channels or input frequencies directly.

5.3 Advanced Functions

- **Menu Navigation:** Press the 'Menu' button to access the radio's settings. Use the Up/Down arrows to navigate and 'Menu' again to confirm.
- **Frequency Copy:** To copy a frequency from another radio, refer to the specific instructions in the detailed user manual provided with your product. This feature allows direct programming without a PC.
- **VOX Mode:** Enable VOX (Voice Operated Exchange) in the menu to allow hands-free transmission when your

voice is detected. Adjust VOX sensitivity as needed.

- **NOAA Weather Alert:** The UV-17R can scan and receive 10 NOAA weather channels. Activate this function in the menu to receive weather warnings, which is particularly useful for outdoor activities.
- **FM Radio:** Press the 'FM' button to switch to FM radio mode.
- **Flashlight:** Press the dedicated Flashlight Button to turn the strong light flashlight on or off.

6. Maintenance

Proper maintenance ensures the longevity and optimal performance of your BAOFENG UV-17R radio:

- **Cleaning:** Use a soft, damp cloth to clean the radio's surface. Do not use harsh chemicals or abrasive cleaners.
- **Battery Care:** Avoid fully discharging the battery frequently. Recharge the battery before it is completely depleted. If storing the radio for an extended period, charge the battery to about 50% and remove it from the radio.
- **Storage:** Store the radio in a cool, dry place away from direct sunlight and extreme temperatures.
- **Water Resistance:** The radio has an IP54 rating, meaning it is protected from dust and splashing water. Do not submerge the radio in water. Ensure all port covers are securely closed to maintain water resistance.

7. Troubleshooting

If you encounter issues with your UV-17R, 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 fully. Ensure the battery is securely attached.
Cannot transmit or receive.	Incorrect frequency/channel, antenna not attached, or out of range.	Verify frequency/channel settings. Ensure antenna is securely attached. Move closer to the other radio.
Poor audio quality.	Low battery, interference, or volume too low/high.	Charge battery. Move away from sources of interference. Adjust volume.
Battery not charging.	Charger/cable faulty, or radio not seated correctly in charger base.	Check charger and cable. Ensure radio is properly seated in the charger base or USB-C cable is fully inserted.

8. Specifications

Feature	Specification
Brand	BAOFENG
Model Number	UV-17/UV-17R/UV-17 Plus/UV-17 Pro
Battery Capacity	1800mAh Lithium Ion (included)
Max Range	3 miles
Number of Channels	999
Input Voltage	DC 7.4V
Frequency Range	144-148MHz, 420-450MHz, and FM
Operating Temperature	-10°C to 60°C
Antenna Impedance	50 Ω
Water Resistance Level	IP54 (Water Repellent)
Item Weight	1.61 pounds
Package Dimensions	7.99 x 4.64 x 4.12 inches
Country of Origin	China

9. Warranty and Support

9.1 Warranty Information

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

9.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or warranty claims, please contact the seller or manufacturer directly. Refer to the contact information provided with your purchase or on the official BAOFENG website.

10. Official Product Videos

No relevant official product videos from the seller were found based on the provided criteria.

© 2024 BAOFENG. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B0CT8PVQNG

More documents and user manuals: **https://manuals.plus/**