

## BAOFENG UV-17R

# BAOFENG UV-17R Two-Way Radio User Manual

Model: UV-17R

## 1. INTRODUCTION

The BAOFENG UV-17R is an advanced dual-band two-way radio designed for reliable long-range communication. It features 999 memory channels, UHF/VHF dual-band operation, and enhanced functionalities such as VOX mode for hands-free use, NOAA weather alerts, and a wireless frequency copy function. This manual provides essential information for setting up, operating, and maintaining your UV-17R radio to ensure optimal performance and longevity.

## 2. PACKAGE CONTENTS

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

- UV-17R Walkie Talkie (x1)
- Lithium Ion Battery (x1)
- Type-C USB Cable (x1)
- Base Charger (x1)
- 21CM Antenna (x1)
- 38CM 771 Antenna (x1)
- Screwdriver (x1)
- Belt Clip (x1)
- Hand Strap (x1)
- Headset (x1)
- User Manual (x1)

## Content Of The Packaging



Figure 2.1: All components included in the BAOFENG UV-17R package. This includes the radio unit, two antennas of different lengths, a rechargeable battery, a Type-C USB charging cable, a desktop charging base, a belt clip, a hand strap, a screwdriver for battery attachment, a headset, and the user manual.

### 3. PRODUCT OVERVIEW

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

SIZE:135\*61\*39MM







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

Figure 3.1: Detailed view of the BAOFENG UV-17R radio, highlighting its key components and their functions. The radio features a 1.77-inch color LCD, a numeric keypad, and dedicated buttons for various functions. It includes dual LED flashlights at the bottom and a Type-C USB charging port on the battery pack.

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
9. Speaker/Mic Jacks
10. MIC Input
11. Exit Key
12. Navigation keys (Up/Down)

- 13. Battery pack
- 14. Type-C charging port
- 15. Battery tightening screw
- 16. Type-C charging indicator
- 17. LED flashlight
- 18. LED Status Indicator

## 4. SETUP

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Before using your UV-17R radio, ensure it is properly assembled and charged.

### 4.1 Attaching the Antenna

Screw the desired antenna (21CM or 38CM 771) clockwise into the antenna connector on top of the radio until it is finger-tight. Do not overtighten.

**BAOFENG**

# Long Antenna

Dual Band **VHF/UHF**

Gain: **2.15dBi**

Up to **20%** Distance

**Flexible**



Figure 4.1: The BAOFENG UV-17R with its long antenna attached, emphasizing its dual-band VHF/UHF capabilities for improved signal reception and transmission range.

## 4.2 Installing the Battery

Align the battery pack with the grooves on the back of the radio and slide it upwards until it clicks into place. Use the provided screwdriver to tighten the battery tightening screw for a secure fit and enhanced water protection.

## 5. CHARGING THE BATTERY

The UV-17R offers two convenient charging methods:

### 5.1 Type-C USB Charging

Connect the provided Type-C USB cable to the Type-C charging port on the battery pack. Plug the other end into a compatible USB power source (e.g., wall adapter, power bank, car charger). The Type-C charging indicator will illuminate during charging.



## 5.2 Base Charging

Place the radio into the provided desktop charging base. Ensure the radio makes proper contact with the charging terminals. Connect the base charger to a power outlet. This method is designed for efficient charging and can help extend battery life.

# Support 2 charging methods



Type-C USB charging is more convenient, increasing the comfort of using the UV-17R in the car and outdoors.



Base charging can improve charging efficiency by 20% and extend battery life.

Figure 5.1: Illustration of the two charging options for the UV-17R. The radio supports direct Type-C USB charging for convenience on the go, and a traditional base charger for efficient home or office charging.

## 6. OPERATION

### 6.1 Power On/Off

To power on the radio, rotate the Power/Volume knob (7) clockwise until you hear a click and the display illuminates. To power off, rotate the knob counter-clockwise until it clicks.

### 6.2 Channel Mode and Frequency Mode

The UV-17R supports 999 memory channels for pre-programmed frequencies and a frequency mode for direct frequency input. Use the appropriate keys to switch between modes and navigate channels or frequencies.

## 1.77inch Color Large Screen Display

The color of LED large screen can be displayed at a glance, which is convenient for improving visibility when using at night. Baofeng uses color screen display walkie talkie for the first time, and the product is completely upgraded.



Figure 6.1: The 1.77-inch color display of the UV-17R, providing clear visibility of dual frequency bands and signal information, enhancing user experience in various lighting conditions.

### 6.3 VOX Mode (Voice Operated Exchange)

Activate VOX mode for hands-free communication. When enabled, the radio will automatically transmit when it detects your voice, eliminating the need to press the PTT key. Refer to the user manual for detailed VOX sensitivity settings.



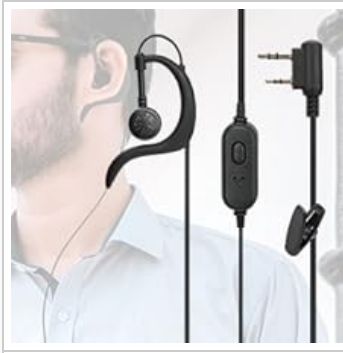


Figure 6.2: The VOX function allows for voice-activated transmission, providing hands-free operation for convenience during activities where manual PTT activation is impractical.

#### 6.4 NOAA Weather Alert

The UV-17R supports NOAA weather service, allowing it to scan 10 NOAA Weather channels. When the weather alarm function is activated, the radio will alert you to severe weather risks, providing crucial time for preparation.

# 10 NOAA WEATHER STATIONS

Broadcast the Hazard weather at the first time, earns a critical time for you to get full preparation

## FM Radio

Figure 6.3: The radio's ability to receive NOAA weather alerts is vital for outdoor enthusiasts, providing timely warnings for various weather phenomena.



## 6.5 Wireless Frequency Copy

This feature allows you to quickly clone the frequency and privacy code from another walkie-talkie without needing computer programming. Long press the MENU button to enter the "FQSCAN" interface, then press MENU again to search for the other radio's transmission frequency and privacy code. Finally, press MENU to store the frequency.

# 2 Seconds Copy Frequency



No matter the brand

*Say goodbye to cumbersome*



Figure 6.4: The wireless frequency copy function simplifies the process of synchronizing frequencies between two radios, enabling quick and unobstructed communication.

## 6.6 LED Flashlight

The radio is equipped with a powerful LED flashlight located at the bottom. This feature can be activated for illumination in dark environments, serving as a useful tool in emergencies or low-light conditions.

# STRONG LIGHT FLASHLIGHT

"Light as day"

Large area irradiation, wide coverage  
Large area of irradiation, clear visual field



Figure 6.5: The integrated LED flashlight provides powerful illumination, making the radio a versatile tool for various situations, including emergencies.

## 6.7 FM Radio

The UV-17R can also receive FM broadcast radio. This feature allows users to listen to local FM stations for entertainment or news when not actively using the two-way communication functions.

## 7. PROGRAMMING

The BAOFENG UV-17R supports programming via Chirp software (compatible programming software: UV-17Pro). This allows for advanced customization of channels, frequencies, and other radio settings through a computer.



Video 7.1: This video demonstrates the process of connecting the BAOFENG UV-17R to a computer using a programming cable and initiating the programming software. It shows how to open the radio, connect the cable, and begin the data transfer process for

customizing radio settings.

To program your radio, connect it to your computer using a compatible programming cable. Ensure the correct drivers are installed and use the Chirp software to read and write radio configurations. Detailed instructions for using Chirp can be found on the Chirp official website.



Figure 7.1: The radio supports programming via computer software, allowing users to customize channels and settings for specific operational needs.

## 8. MAINTENANCE

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

- **Cleaning:** Use a soft, damp cloth to clean the radio's exterior. Avoid using harsh chemicals or abrasive cleaners.
- **Battery Care:** To maximize battery life, fully charge the battery before initial use. Avoid overcharging or completely draining the battery. Store the battery in a cool, dry place when not in use for extended periods.
- **Storage:** Store the radio in a dry, dust-free environment away from direct sunlight and extreme temperatures.
- **Antenna Care:** Handle the antenna carefully to prevent bending or damage. Ensure it is securely attached during operation.

## 9. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Radio does not power on.	Low or dead battery; incorrect battery installation.	Charge the battery fully. Ensure the battery is correctly installed and the tightening screw is secure.
No reception or poor audio quality.	Antenna not properly attached; out of range; incorrect frequency/channel.	Check antenna connection. Move closer to the transmitting radio. Verify frequency/channel settings.
Cannot transmit.	Incorrect frequency/channel; PTT button malfunction; low battery.	Verify frequency/channel. Ensure PTT button is pressed firmly. Charge the battery.



Problem	Possible Cause	Solution
Wireless frequency copy fails.	Radios too far apart; interference; incorrect procedure.	Ensure radios are close to each other. Try again in an open area. Follow the FQSCAN procedure carefully.



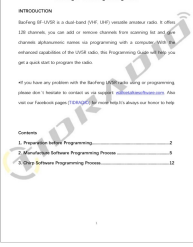


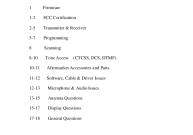
## 10. SPECIFICATIONS

Feature	Detail
Model Number	UV-17R
Brand	BAOFENG
Item Weight	1.39 pounds
Package Dimensions	8.07 x 5.08 x 4.45 inches
Batteries	1 Lithium Ion battery required (included)
Display Type	LED (1.77-inch Color Large Screen)
Number of Channels	999
Special Features	Portable, UHF, Waterproof, NOAA Weather Alert, Wireless Frequency Copy, VOX Mode, LED Flashlight, FM Radio
Frequency Range	[30, 300] MHz (UHF) and [30, 3000] MHz (VHF)
Talking Range Maximum	12 Miles
Tuner Technology	UHF, VHF
Water Resistance Level	Water Resistant

## 11. WARRANTY AND SUPPORT

The product specifications indicate "NO" explicit warranty. However, the manufacturer provides customer support. For technical guidance or any inquiries regarding your BAOFENG UV-17R radio, please contact customer service. They aim to provide "All day customer service replies to ensure your purchase enjoyment."

## Related Documents - UV-17R

	<p><a href="#">BAOFENG UV-5RM PLUS / K5PLUS Amateur Radio User's Manual</a></p> <p>Explore the BAOFENG UV-5RM PLUS/K5PLUS Amateur Radio User's Manual, a comprehensive guide for this dual-band, dual-display, dual-watch transceiver. Learn about its features, operation, battery charging, accessory installation, and advanced functions like scanning, programming, VOX, and DTMF. This manual provides essential safety warnings, regulatory compliance information (EU, FCC, IC), and troubleshooting tips for optimal performance and secure communication.</p>
	<p><a href="#">BAOFENG UV-17R Series Two Way Radio User Manual</a></p> <p>Explore the BAOFENG UV-17R Series Two Way Radio User Manual, a comprehensive guide for operating and maintaining the dual-band, dual-display, and dual-watch amateur radio. Learn about features, charging, accessory installation, basic operations, advanced functions, and troubleshooting for optimal communication performance.</p>
	<p><a href="#">BaoFeng BF-UV5R Programming Guide</a></p> <p>A comprehensive guide to programming the BaoFeng BF-UV5R dual-band amateur radio using both the manufacturer's software and CHIRP. Covers system requirements, cable setup, software installation, and detailed parameter explanations for radio customization.</p>
	<p><a href="#">BAOFENG UV-17R Series Two Way Radio User Manual</a></p> <p>Comprehensive user manual for the BAOFENG UV-17R Series Two Way Radio, covering operation, features, charging, accessory installation, troubleshooting, and technical specifications for optimal performance and reliable communication.</p>
	<p><a href="#">Baofeng UV-5R User Manual</a></p> <p>Comprehensive user manual for the Baofeng UV-5R dual-band two-way radio, covering safety guidelines, product features, setup instructions, battery charging procedures, detailed control descriptions, and advanced menu functions for optimal operation.</p>
	<p><a href="#">BaoFeng UV-5R Series FAQs: Your Comprehensive Guide</a></p> <p>Frequently asked questions (FAQs) for the BaoFeng UV-5R, UV-5RA, UV-5RE, and UV-5R+ series radios. Covers firmware, FCC certification, transmitter/receiver, programming, scanning, tone access, accessories, software, audio, antennas, display, and general troubleshooting.</p>



[BAOFENG UV-17R Series Two Way Radio User Manual](#)

Explore the BAOFENG UV-17R Series Two Way Radio User Manual, a comprehensive guide for operating and maintaining the dual-band, dual-display, and dual-watch amateur radio. Learn about features, charging, accessory installation, basic operations, advanced functions, and troubleshooting for optimal communication performance.

lang:en score:39 filesize: 4.99 M page\_count: 41 document date: 2023-08-15



[BAOFENG UV-17R Series Two Way Radio User Manual](#)

Comprehensive user manual for the BAOFENG UV-17R Series Two Way Radio, covering operation, features, charging, accessory installation, troubleshooting, and technical specifications for optimal performance and reliable communication.

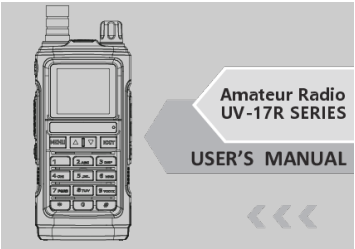
lang:en score:35 filesize: 3.54 M page\_count: 41 document date: 2023-07-25



[Instrukcja Obsługi Radiotelefonu BAOFENG UV-17R](#)

Szczegółowy przewodnik po obsłudze, funkcjach i specyfikacjach radiotelefonu dwukierunkowego BAOFENG UV-17R, zawierający instrukcje dotyczące bezpieczeństwa, ładowania i użytkowania.

lang:pl score:32 filesize: 1.36 M page\_count: 75 document date: 2024-04-08



[\[pdf\] User Manual Instructions Guide](#)

UV 17R FCC V0618 1 User manual BAOFENG 17 PROBaofeng Pro Wireless Copy Frequency Walkie Talkie 16 KM Long Range Flashlight Type C Charger Ham Radio L K5 5R

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|||

Amateur Radio **UV-17R** SERIES USER S MANUAL PREFACE Thank you for purchasing **UV-17R** Series Amateur Radio, which is a Dual band/Dual display/Dual watch. This easy-to-use radio will deliver you secure, instant and reliable communications at peak efficiency. Please read this manual carefully before use...

lang:en score:30 filesize: 2 M page\_count: 51 document date: 2022-06-25





### [BAOFENG UV-17E, BF-17E Amateur Radio EU Type Examination Certificate](#)

Official EU Type Examination Certificate for BAOFENG UV-17E and BF-17E amateur radio models, issued by Bay Area Compliance Laboratories Corp. (BACL) under Directive 2014/53/EU. Details product specifications, essential requirements, and conformity test results.

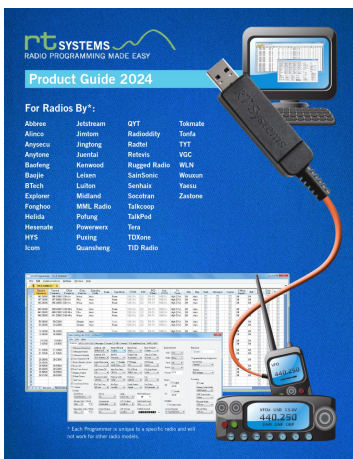
lang:en score:27 filesize: 5.81 M page\_count: 2 document date: 2024-11-25



### [BAOFENG UV-17R PLUS SERIES Amateur Radio User's Manual](#)

Comprehensive user manual for the BAOFENG UV-17R PLUS SERIES Amateur Radio, a dual-band/dual-display/dual-watch handheld transceiver. This guide provides detailed instructions on radio operation, battery charging, accessory installation, advanced features, and technical specifications for optimal performance and reliable communication.

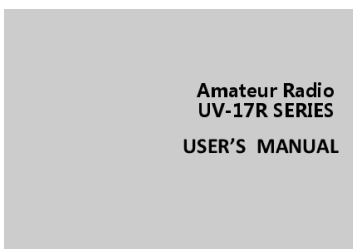
lang:en score:26 filesize: 26.97 M page\_count: 42 document date: 2024-01-05



### [RT Systems Product Guide 2024: Radio Programming Software](#)

Explore the comprehensive 2024 product guide from RT Systems, detailing their radio programming software and USB cables. Learn about features, compatibility, and how to enhance your radio experience.

lang:en score:25 filesize: 21.89 M page\_count: 43 document date: 2024-04-26



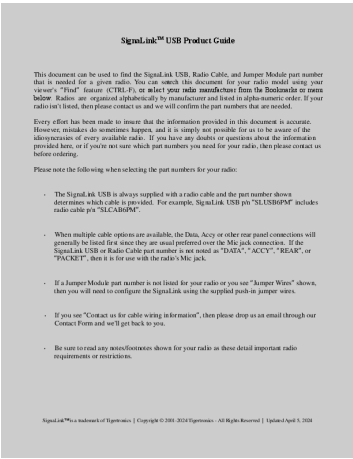
### [\[pdf\] User Manual Instructions Guide](#)

User Manual PO FUNG ELECTRONIC HK INTERNATONAL GROUP COMPANY LIMITED UV17

Amateur Radio 2AJGM 2AJGMUV17 uv17

Amateur Radio **UV-17R** SERIES USER S MANUAL PREFACE Thank you for purchasing **UV-17R** Series Amateur Radio, which is a Dual band/Dual display/Dual watch. This easy-to-use radio will deliver you secure, instant and reliable communications at peak efficiency. Please read this manual carefully before use...

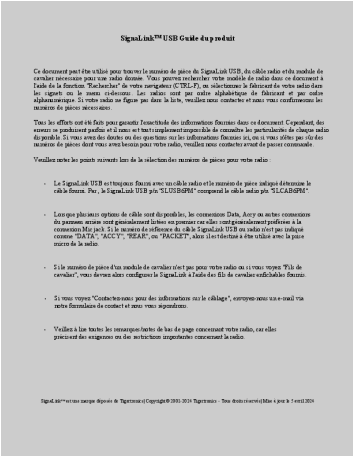
lang:en score:20 filesize: 1.74 M page\_count: 51 document date: 2023-04-04



[Signalink USB Product Guide: Radio Cable and Jumper Module Compatibility](#)

Find the precise Signalink USB, radio cable, and jumper module part numbers for your radio model with this comprehensive guide from Tigertronics. Features alphabetical listings and compatibility information for numerous radio manufacturers.

lang:en **score:20** filesize: 495.03 K page\_count: 31 document date: 2024-04-17



[Guide de compatibilité Signalink USB Tigertronics](#)

Ce guide répertorie les modèles de radios compatibles avec le Signalink USB de Tigertronics, incluant les numéros de pièce pour les câbles radio et les modules de cavalier.

lang:fr **score:19** filesize: 227.59 K page\_count: 31 document date: 2025-03-19

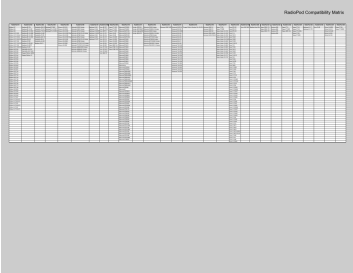


[Odmaster Programming APP User Manual](#)

Comprehensive user manual for the Odmaster Programming APP, detailing its functions as a wireless PTT for group communication and a wireless programmer for Baofeng, TIDRADIO, Radioddity, Retevis, and Quansheng radios. Includes instructions for app download, account registration, Bluetooth connection, adding friends, group calls, background running, radio programming, and troubleshooting common issues.

lang:en **score:18** filesize: 1.81 M page\_count: 42 document date: 2025-03-09

[\[pdf\] Safety Datasheet](#)

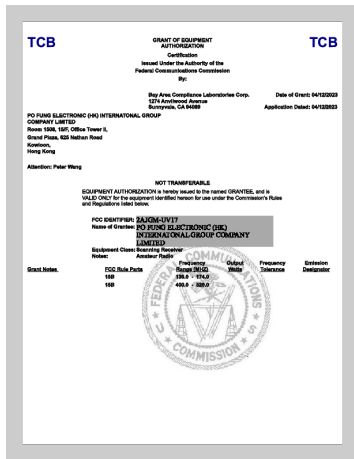


View or DownloadRadioPod Coldspring CustomsColdspring Customs RadioPod Compatibility Matrix

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RadioPod Compatibility Matrix RadioPod 001 RadioPod 002 RadioPod 003 RadioPod 004 RadioPod 005 ... Yaesu FT-4V Yaesu FT-4X Yaesu FTA-250L Yeasu FT-65 Yaesu FT-65R RadioPod 025 Baofeng UV-17 Baofeng **UV-17R** RadioPod 026 Icom ID-82 RadioPod 027 Alinco DJ-MD5 Alinco DJ-A10 Alinco DJ-A446 Alinco DJ-5...

lang:de **score:18** filesize: 49.2 K page\_count: 1 document date: 2023-09-25



## [FCC Grant of Equipment Authorization for PO FUNG ELECTRONIC \(HK\) INTERNATIONAL GROUP COMPANY LIMITED](#)

This document is a Grant of Equipment Authorization issued by the Federal Communications Commission (FCC) to PO FUNG ELECTRONIC (HK) INTERNATIONAL GROUP COMPANY LIMITED for a scanning receiver, FCC Identifier 2AJGM-UV17. It details the FCC rule parts, frequency ranges, and emission designators relevant to the authorization.

lang:de **score:14** filesize: 120.93 K page\_count: 1 document date: 2023-04-13



## [\[pdf\] User Manual Quick Start Guide](#)

UV17H 401 6818 User Amateur Radio BF 17H SERIES Miklor Operation 1 Press the 2 Input channel numbers by keyboard For example, if you want to switch to channel 12, input 0, a, or navigation select total of 3 digits and i ill. When voice prompt function is enabled, corresponding Manual miklor UV17pro |||. Amateur Radio BF -17H SERIES USER S MANUAL Table of Contents 1. GETTING STARTED 1.1 Regulations ... anzhouFujian, China E-mail: wangjianhui@baofengradio.com Http://www.baofengradio.com Print version: **UV-17R** HD V2.0 ...

lang:en **score:14** filesize: 2.12 M page\_count: 52 document date: 2023-04-07