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› [BAOFENG](#) /

› [BAOFENG UV-17H GPS Radio User Manual](#)

BAOFENG UV-17H

BAOFENG UV-17H GPS Radio User Manual

Model: UV-17H

INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of your BAOFENG UV-17H GPS Radio. The UV-17H is a 6-band, 999-channel two-way radio designed for reliable communication, featuring integrated GPS functionality, NOAA weather channels, and USB-C charging. Please read this manual thoroughly before operating the device to ensure safe and optimal performance.

PACKAGE CONTENTS

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

- 1x BAOFENG UV-17H Radio Unit
- 1x USB-C Charging Battery
- 1x High Gain Antenna
- 1x Charger Dock
- 1x Belt Clip
- 1x Hand Strap
- 1x USB-C Cable
- 1x Screwdriver
- 1x 48cm/18.89in Foldable Tactical Antenna



Image: Contents of the BAOFENG UV-17H GPS Radio package, including the radio, two antennas, battery, charging dock, USB-C cable, belt clip, strap, and screwdriver.

PRODUCT OVERVIEW

The BAOFENG UV-17H features a robust design with a 1.77-inch color screen and a full keyboard for intuitive operation. Key components and features are highlighted below.



Image: Front view of the BAOFENG UV-17H radio with labels pointing to the Antenna, Indicator, Switch, Flashlight Key, PTT Key, Squelch Key, Keypads, 1.77in LCD Screen, Connector Mic, Speaker, and Flashlight.

Key Features:

- **1.77-inch Color Screen:** Provides clear display of operating information.
- **999 Memory Channels:** Extensive channel storage capacity.
- **5W Output Power:** Ensures strong signal transmission.
- **Dual Watch, Dual Standby:** Monitor two frequencies simultaneously.
- **GPS Functionality:** For navigation and location services.
- **10 NOAA Weather Channels:** Access to real-time weather alerts.
- **USB-C Charging:** Convenient and versatile charging options.
- **Frequency Hopping & Scramble Functions:** Enhances communication privacy.
- **Built-in Flashlight:** For illumination in low-light conditions.
- **FM Radio Broadcast:** For entertainment and information.
- **Water Repellent Design:** Offers protection against splashes.



Image: Visual summary of key features: 1.77-inch LCD screen, USB-C charging port, splash-proof rating, Li-ion battery compartment, high power output, anti-fall design, integrated flashlight, FM radio, and six-band capability.

SETUP

1. Battery Installation

1. Align the battery pack with the grooves on the back of the radio.
2. Slide the battery pack upwards until it clicks into place.
3. To remove, press the release latch (if present) and slide the battery downwards.

2. Antenna Attachment

1. Screw the desired antenna (High Gain or Foldable Tactical Antenna) clockwise into the connector on top of the radio until it is finger-tight. Do not overtighten.

3. Charging the Battery

The UV-17H supports both USB-C direct charging and charging via the included desktop charger dock.

- **Using the Charger Dock:** Place the radio with the battery installed into the charger dock. Ensure the charging indicator light on the dock illuminates.

- **Using USB-C:** Connect the USB-C cable to the port on the battery pack and to a compatible USB power source (e.g., car charger, PC USB port, power bank).

A full charge typically takes approximately 3 hours. The battery provides an approximate 2-day life and 3-day standby time.

USB-C Charging

Battery Life	Stand-by	Charging time
2 Days Approx	3 Days Approx	3hrs Approx

Image: Illustration of the BAOFENG UV-17H battery being charged via USB-C, showing compatibility with car chargers, PC USB, and power banks. Also displays approximate battery life, stand-by time, and charging time.

OPERATING INSTRUCTIONS

1. Power On/Off and Volume

- To power on, rotate the top knob (Switch) clockwise.
- To power off, rotate the top knob counter-clockwise until it clicks.
- Adjust volume by rotating the same knob.

2. Channel Selection and Frequency Input

- Use the keypad to directly input frequencies.
- Use the up/down arrow keys to navigate through memory channels.

3. Transmitting and Receiving

- To transmit, press and hold the PTT (Push-To-Talk) key on the side of the radio. Speak clearly into the microphone.
- Release the PTT key to receive.

4. GPS Functionality

The integrated GPS module provides accurate real-time positioning. Refer to the on-screen menu for GPS status and navigation options.



Image: The BAOFENG UV-17H radio displaying GPS functionality, emphasizing accurate real-time positioning and sharing capabilities.

5. NOAA Weather Channels

Access 10 NOAA weather channels for real-time weather information and alerts. Consult the radio's menu for specific NOAA channel access and weather alarm settings.

6. Advanced Features

- **VOX (Voice Operated Transmission):** Allows hands-free transmission. Activate and adjust sensitivity in the menu.
- **Scan Modes (Time/Carrier/Search):** Use the scan function to monitor active frequencies.
- **CTCSS/DCS Scan:** Scan for CTCSS/DCS tones to filter unwanted signals.

- **Frequency Hopping & Scramble:** These features enhance communication privacy. Refer to the radio's menu for activation and configuration.
- **DTMF:** Dual-Tone Multi-Frequency signaling for various control functions.
- **Flashlight:** Press the dedicated Flashlight Key to activate the built-in torch.
- **FM Radio:** Tune into FM broadcast stations for entertainment.

MAINTENANCE

- **Cleaning:** Wipe the radio with a soft, damp cloth. Do not use harsh chemicals or solvents.
- **Battery Care:** Avoid overcharging or completely draining the battery. Store the radio and battery in a cool, dry place when not in use for extended periods.
- **Antenna:** Ensure the antenna is securely attached. Avoid bending or stressing the antenna.
- **Water Resistance:** The radio is water repellent, meaning it can withstand splashes. Do not submerge the radio in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery or re-install it securely.
Cannot transmit or receive.	Incorrect frequency/channel, antenna not connected, low battery, or out of range.	Verify frequency/channel, check antenna connection, charge battery, move closer to other radios.
Poor audio quality.	Low signal strength, incorrect squelch setting, or antenna issue.	Adjust squelch level, check antenna, move to an area with better signal.
GPS not acquiring signal.	Obstructed view of the sky, indoors.	Move to an open outdoor area with a clear view of the sky.

SPECIFICATIONS

Feature	Detail
Model Number	UV-17H
Display	1.77-inch Color Screen
Channels	999
Output Power	5W
Frequency Range	144-148MHz, 420-450MHz
Talking Range (Maximum)	10 Kilometer
Battery Type	Lithium Ion (1 required)
Voltage	7.4 Volts (DC)

Feature	Detail
Charging	USB-C, Charger Dock
Special Features	GPS, 10 NOAA Channels, One Key Match Frequency, Frequency Hopping, Scramble, VOX, Flashlight, FM Radio
Water Resistance Level	Water Repellent

WARRANTY AND SUPPORT

The BAOFENG UV-17H GPS Radio comes with a 1-year warranty provided through "Shiqun Electronics Co., Ltd". For warranty claims or technical support, please contact your retailer or the manufacturer directly.

Manufacturer: BAOFENG Electronics CO., Ltd

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Related Documents - UV-17H

	<p>BAOFENG UV-5R Series Battery Eliminator Car Charger User Manual</p> <p>User manual for the BAOFENG UV-5R series battery eliminator car charger, detailing its features, specifications, compatible radio models, and package contents. Provides direct power from a vehicle to your UV-5R series walkie-talkie.</p>
	<p>Baofeng UV-82, UV-9R Plus, UV-XR Radio Transceiver User Manual</p> <p>Comprehensive user manual for Baofeng UV-82, UV-9R Plus, and UV-XR radio transceivers, covering safety, features, assembly, battery usage, controls, LCD display, operation modes, built-in functions, menu settings, CTCSS/DCS tones, and technical specifications.</p>
	<p>BaoFeng UV-5R Series FAQs: Your Comprehensive Guide</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>

 User Manual	<p>BAOFENG UV-17R Series Two Way Radio User Manual</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>
 MANUAL DE INSTRUCCIONES EN ESPAÑOL BAOFENG UV-5R	<p>Manual de Instrucciones Baofeng UV-5R</p> <p>Comprehensive instruction manual for the Baofeng UV-5R portable dual-band transceiver, covering features, installation of accessories and battery, charging, basic and advanced operations, menu settings, and detailed technical specifications. Optimize your radio's performance with this guide.</p>
 BAOFENG[®] Amateur Radio UV-5RM PLUS (GPS) USER'S MANUAL	<p>BAOFENG UV-5RM PLUS (GPS) Multi-Band Amateur Radio User Manual</p> <p>Explore the BAOFENG UV-5RM PLUS (GPS) Multi-Band Amateur Radio with this comprehensive user manual. Learn about its advanced features, including GPS, APRS, DTMF, and multi-band scanning, designed for reliable communication for both professional and recreational users. This guide covers operation, safety, battery information, and FCC compliance.</p>