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BAOFENG UV-17H

BAOFENG UV-17H Two Way Radio GPS User Manual

Model: UV-17H

Introduction

This manual provides detailed instructions for the safe and effective operation of your BAOFENG UV-17H Two Way Radio. Please read this manual thoroughly before using the device to ensure optimal performance and to prevent damage.

The BAOFENG UV-17H is a versatile two-way radio featuring advanced GPS functionality, a 1.77-inch color screen, 999 memory channels, dual watch, dual standby, and convenient USB-C charging. It is designed for reliable communication in various environments, including outdoor activities and emergency response.



Image 1: Overview of the BAOFENG UV-17H radio, showcasing its key features such as GPS, multi-band capability, FM radio, NOAA weather alerts, built-in flashlight, and USB-C charging.

Package Contents

Before proceeding with setup, please 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 Strap
- 1x USB-C Cable
- 1x Screwdriver

- 1x Programming Cable
- 1x Shoulder Speaker Microphone



Image 2: Contents of the BAOFENG UV-17H package, including the radio, battery, antenna, charger, belt clip, strap, USB-C cable, screwdriver, programming cable, and shoulder speaker microphone.

Setup

1. Battery Installation and Charging

1. Align the battery pack with the grooves on the back of the radio. Slide the battery upwards until it clicks into place.
2. To charge, connect the USB-C cable directly to the battery's Type-C port or place the radio with the battery installed into the charging dock. Connect the charging dock to a suitable power source.

3. The charging indicator light will show the charging status. A full charge typically takes approximately 3 hours.



Image 3: Close-up view of the BAOFENG UV-17H radio, illustrating the battery installation area and the USB-C charging port located on the battery itself.



Image 4: The BAOFENG UV-17H radio connected to a USB-C cable for direct charging, demonstrating the convenience of its Type-C charging capability.

2. Antenna Attachment

Screw the high-gain antenna clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten to avoid damage.

3. Initial Power On

Rotate the power/volume knob clockwise to turn on the radio. The 1.77-inch LCD screen will illuminate, displaying the current frequency and status indicators. Adjust the knob further to set the desired volume level.



Image 5: Front view of the BAOFENG UV-17H radio, clearly showing the 1.77-inch LCD screen, the full keypad, and various function keys for operation.

Operating Instructions

Basic Functions

- **Power On/Off and Volume Control:** Rotate the top knob clockwise to power on and increase volume, counter-clockwise to decrease volume and power off.
- **PTT (Push-to-Talk) Key:** Press and hold the large button on the left side of the radio to transmit. Release it to receive.
- **Keypad:** Used for direct frequency input, navigating menu options, and selecting various functions.
- **Dual Display/Dual Standby:** The radio can monitor two different frequencies or channels simultaneously. The active frequency/channel is indicated on the screen.

Channel and Frequency Management

1. **Frequency Input (VFO Mode):** In VFO (Variable Frequency Oscillator) mode, use the numeric keypad to directly enter

the desired frequency.

2. **Channel Selection (Channel Mode):** In Channel mode, use the Up/Down arrow keys to navigate through the 999 pre-programmed or saved memory channels.
3. **Saving Channels:** To save a frequency to a memory channel, enter the desired frequency in VFO mode, then access the menu to select a vacant channel and confirm saving. Refer to the full user manual for detailed steps.

Advanced Features

- **GPS Functionality:** The integrated GPS allows for accurate real-time positioning and location sharing. Access GPS features and settings through the radio's main menu.
- **NOAA Weather Channels:** Stay informed about severe weather by accessing 10 dedicated NOAA weather channels. The weather alarm function provides real-time alerts.
- **VOX (Voice Operated Transmission):** Enable VOX for hands-free operation. The radio will automatically transmit when it detects your voice. Adjust VOX sensitivity in the menu.
- **Flashlight:** Activate the built-in flashlight using the dedicated key for illumination in low-light conditions.
- **Frequency Hopping & Scramble:** These security features help ensure your conversations remain private. Consult the full user manual for activation and configuration procedures.



Image 6: The BAOFENG UV-17H radio screen showing GPS functionality, emphasizing its capability for accurate real-time positioning.

Maintenance

- **Cleaning:** Use a soft, slightly damp cloth to clean the radio's exterior. Avoid using harsh chemicals, abrasive cleaners, or solvents, as these can damage the casing and screen.
- **Battery Care:** To maximize battery lifespan, charge the battery regularly and avoid frequent deep discharges. Store the radio and battery in a cool, dry place away from direct sunlight and extreme temperatures when not in use for extended periods.
- **Antenna:** Ensure the antenna is always securely attached before operation. Avoid bending, twisting, or stressing the antenna, as this can impair signal quality and damage the connector.
- **Water Resistance:** The radio is designed to be water repellent, offering protection against splashes. It is not waterproof; therefore, avoid submerging it in water. If the radio gets wet, power it off immediately and dry it thoroughly before attempting to use it again.

Troubleshooting

If you encounter issues with your BAOFENG UV-17H radio, please refer to the table below for common problems and their solutions. If the problem persists, contact customer support.

Problem	Possible Cause	Solution
Radio does not power on.	Battery is low or not installed correctly.	Charge the battery fully or ensure it is properly seated in the compartment.
Cannot transmit or receive.	Incorrect frequency/channel selected, antenna not connected, or out of communication range.	Verify frequency/channel settings. Check antenna connection. Move closer to the other radio or a repeater.
Poor audio quality or static.	Weak signal, interference from other electronic devices, or volume set too low/high.	Adjust volume. Check antenna. Move to an area with better signal reception. Reduce interference sources.
GPS not acquiring a signal.	Obstructed view of the sky (e.g., indoors, dense foliage, tall buildings).	Move to an open outdoor area with a clear, unobstructed view of the sky for better satellite reception.

Specifications

- **Model:** UV-17H
- **Display:** 1.77-inch LCD Screen
- **Channels:** 999 Memory Channels
- **Output Power:** 5W
- **Frequency Range:** 144-148MHz (VHF), 420-450MHz (UHF)
- **Special Features:** GPS, Dual Display, Dual Standby, 10 NOAA Weather Channels, VOX, Flashlight, Frequency Hopping, Scramble, USB-C Charging, One Key Match Frequency
- **Battery:** 1 Lithium Ion battery (included)
- **Voltage:** 7.4 Volts (DC)
- **Water Resistance Level:** Water Repellent
- **Item Weight:** Approximately 1.55 pounds
- **Package Dimensions:** 8.07 x 4.53 x 4.37 inches
- **Talking Range Maximum:** 10 Kilometer (under optimal conditions)

Warranty Information

The BAOFENG UV-17H Two Way Radio is covered by a 1-year warranty. This warranty is provided exclusively through "Shiqun Electronics Co., Ltd." Please retain your proof of purchase for all warranty claims and inquiries.

Customer Support

For technical assistance, troubleshooting, or warranty-related questions regarding your BAOFENG UV-17H radio, please contact the seller, Shiqun Electronics Co., Ltd. You may also refer to the official BAOFENG website for additional resources and frequently asked questions.
Manufacturer: BAOFENG Electronics CO., Ltd

For further support and product information, please visit theBAOFENG Store on Amazon.

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