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

BAOFENG UV-17 PRO GPS

BAOFENG UV-17 PRO GPS Ham Radio User Manual

Model: UV-17 PRO GPS

Introduction

The BAOFENG UV-17 PRO GPS is an advanced handheld two-way radio designed for long-range communication, offering a wide range of features for amateur radio enthusiasts and professional users. This manual provides detailed instructions for setting up, operating, maintaining, and troubleshooting your UV-17 PRO GPS radio.

Key features include VHF/1.25M/UHF transmission, 999 channel capacity, USB and base charging options, integrated GPS functionality, a convenient frequency copy feature, a high-gain antenna for enhanced signal strength, and a built-in NOAA weather receiver for real-time weather updates.

Setup

1. Package Contents

Before beginning, please verify that all components are present in your package:

- 2 x BAOFENG UV-17 PRO GPS Radios
- 2 x 771 Antennas
- 2 x Lithium Ion Batteries
- 2 x Headsets
- 2 x USB Chargers
- 2 x Base Chargers



Image: Two BAOFENG UV-17 PRO GPS radios with their accessories, including batteries, antennas, headsets, and charging cables.

2. Battery Installation and Charging

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 charge, connect the USB charger or place the radio in the base charger. The charging indicator will show the charging status.

3. Antenna Installation

1. Screw the 771 antenna clockwise onto the antenna connector at the top of the radio until it is finger-tight. Do not overtighten.



Image: A detailed view of the high-gain 771 antenna and its connection point on the radio, highlighting its length and design.

4. Initial Power On

Press and hold the power button (usually the volume knob) to turn on the radio. The display will illuminate, and the radio will perform a self-test.

Operating Instructions

1. Basic Controls and Functions

Familiarize yourself with the radio's buttons and their functions:

- **PTT Key:** Push-to-Talk button for transmitting.
- **SK2 Key (Customization key):** Programmable shortcut key.
- **Menu Key:** Accesses the radio's menu system.
- **Exit Key:** Exits current menu or function.
- **Flashlight/Emergency Alert Key:** Activates the built-in flashlight or emergency alarm.



Image: A diagram labeling the various buttons and ports on the BAOFENG UV-17 PRO GPS radio, including the antenna, flashlight, PTT key, SK2 key, Menu key, and Exit key.

2. Channel Operation

The UV-17 PRO GPS supports 999 channels, which can be organized into 10 groups, each containing up to 99 channels. Use the keypad to directly input channel numbers or navigate through channels using the up/down arrow keys.

3. Frequency Copy Function

The radio features a quick frequency copy function, allowing you to easily replicate frequencies from other radios without manual input or complex programming.



Image: Two BAOFENG radios, one displaying a frequency and the other showing a waveform, illustrating the quick frequency copy feature.

4. GPS Function

The integrated GPS function allows you to view your current location coordinates (latitude, longitude, altitude) and better confirm your direction, facilitating communication and navigation.



Image: The BAOFENG UV-17 PRO GPS radio screen showing GPS search results with coordinates, overlaid on a city skyline background.

5. NOAA Weather Receiver

Utilize the built-in NOAA weather receiver to obtain real-time weather updates and forecasts, helping you make informed decisions for your activities.



Image: The BAOFENG UV-17 PRO GPS radio displaying weather-related icons, indicating its NOAA Weather Radio capability.

6. DTMF Function

The DTMF (Dual-Tone Multi-Frequency) function supports various call types, including single call, group call, and full call, enhancing communication flexibility.



Image: Two BAOFENG UV-17 PRO GPS radios with icons representing single call, group call, and full call, demonstrating the DTMF function.

MAINTENANCE

1. Cleaning

Wipe the radio's surface with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure the radio is dry before use or storage.

2. Battery Care

To prolong battery life, avoid overcharging or completely discharging the battery. Store the radio and battery in a cool, dry place when not in use for extended periods.

3. Storage

Store the radio in a clean, dry environment away from direct sunlight, extreme temperatures, and corrosive materials.

Troubleshooting

Common Issues and Solutions

- **Radio does not power on:** Ensure the battery is properly installed and charged. Check the power button/volume knob.
- **No signal or poor reception:** Verify the antenna is securely attached. Check if you are within range of other radios or repeaters. Adjust squelch level.
- **Audio is distorted or too low:** Adjust the volume knob. Check headset connection if applicable.
- **Cannot transmit:** Ensure the PTT button is fully pressed. Check if the channel is busy or if there are transmit restrictions.
- **Firmware related issues:** If experiencing unexpected behavior, check the manufacturer's website or support channels for information on firmware updates. Ensure to follow official update procedures carefully to avoid damaging the device.

Specifications

Feature	Specification
Brand	BAOFENG
Model Number	UV-17 PRO GPS
Item Weight	2.8 pounds
Package Dimensions	9.53 x 8.19 x 4.33 inches
Batteries	2 Lithium Ion batteries required (included)
Number of Channels	999
Special Features	Long Range, Rechargeable, Integrated Flashlight, GPS, Emergency Alarm
Frequency Range	VHF UHF
Tuner Technology	VHF UHF
Water Resistance Level	Not Water Resistant
Included Components	2 X Radio, 2 X 771 Antenna, 2 X battery, 2 X headsets, 2 X USB Charger and Base Charger
Compatible Devices	Headsets, 771 Antenna, Smartphone
Color	Black

Warranty and Support

For warranty information and technical support, please refer to the documentation provided with your purchase or contact BAOFENG directly through their official website or authorized service centers. Keep your proof of purchase for warranty claims.

© 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/B0DGKV3H3N

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