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BAOFENG BC-32UV

BAOFENG BC-32UV 2500mAh Li-ion Battery Instruction Manual

For UV-32 / DM-32 Series Two-Way Radios

Introduction

This manual provides essential instructions for the safe and effective use of your BAOFENG BC-32UV 2500mAh Li-ion battery. This battery is designed for compatibility with BAOFENG DMR MD-32, DM-32UV, and UV-32 series two-way radios, offering reliable power for extended operation.



Image: Two BAOFENG BC-32UV 2500mAh Li-ion batteries, one with a label showing specifications and safety warnings, and a small screwdriver. These items are included in the package.

Setup and Installation

1. Battery Installation

The BAOFENG BC-32UV battery is designed for seamless integration with compatible BAOFENG two-way radios. Ensure the radio is powered off before attempting to install or remove the battery.

- Align the battery with the battery compartment on the back of your compatible BAOFENG radio (e.g., UV-32 or DM-32 series).
- Slide the battery into place until it clicks securely, indicating proper connection.
- To remove, locate the battery release latch (if present on your radio model), disengage it, and slide the battery out.



Image: A BAOFENG BC-32UV battery securely attached to a BAOFENG UV-32/DM-32 series two-way radio, demonstrating proper fit and compatibility.

2. Charging the Battery

The BC-32UV battery supports convenient USB-C charging. It can also be charged using a compatible charger dock (sold separately).

- Locate the USB-C charging port on the battery.
- Connect a standard USB-C cable to the battery's port and the other end to a compatible USB power source (e.g., wall adapter, power bank, computer USB port).
- The charging indicator light on the battery will illuminate red during charging and turn green when fully charged.



Image: A visual guide illustrating the USB-C charging process for the BAOFENG battery. It shows the battery connected to various USB power sources and the indicator light changing from red (charging) to green (fully charged).

Operating Instructions

Once the battery is fully charged and securely installed in your BAOFENG two-way radio, you can power on your device and begin operation. The 2500mAh capacity is designed to support extended usage periods.

- Refer to your specific BAOFENG radio's instruction manual for detailed operating procedures, channel programming, and feature usage.
- Monitor the radio's battery level indicator to determine when recharging is necessary.



Image: Individuals utilizing BAOFENG two-way radios, powered by the 2500mAh battery, in various settings, highlighting its suitability for extended communication needs.

Maintenance and Safety

Proper maintenance and adherence to safety guidelines are crucial for the longevity and safe operation of your BAOFENG BC-32UV battery.

Safety Precautions:

- **Do not disassemble** the battery.
- **Do not dispose of in fire** or expose to high temperatures.
- **Do not charge** the battery in hazardous locations.
- **Do not short-circuit** the terminals.
- Keep the battery away from water and moisture.
- Store in a cool, dry place when not in use.

Advanced Protection Features:

The BC-32UV battery incorporates multiple protection mechanisms to ensure safe operation and extend its lifespan:

- **Overcharge Protection:** Prevents damage from excessive charging.
- **Temperature Protection:** Monitors and regulates internal temperature to prevent overheating.
- **Overcurrent Protection:** Safeguards against excessive current flow.
- **Short-circuit Protection:** Automatically cuts off power in case of a short circuit.
- **High Voltage Protection:** Protects against voltage spikes.



Image: A visual representation of the BAOFENG battery's integrated protection features, including overcharge, temperature, overcurrent, short-circuit, and high voltage protection.

Disposal:

This product contains a Li-ion battery. It must be recycled or disposed of properly. Recycling facilities may not exist in all areas. Do not dispose of with household waste.

TROUBLESHOOTING

If you encounter issues with your BAOFENG BC-32UV battery, consider the following:

- **Battery Not Charging:**
  - Ensure the USB-C cable is securely connected to both the battery and the power source.
  - Verify that the power source is active and providing power.

- Check if the charging indicator light is red. If not, try a different cable or power adapter.

- **Radio Not Powering On:**
  - Confirm the battery is fully charged (green indicator light).
  - Ensure the battery is correctly installed and securely latched into the radio.
  - If the issue persists, try another fully charged battery if available, or consult your radio's manual.
- **Shortened Battery Life:**
  - Battery performance can degrade over time with repeated charge cycles.
  - Extreme temperatures can affect battery life. Avoid operating or storing the battery in very hot or cold conditions.

SPECIFICATIONS

Feature	Detail
Model	BC-32UV
Battery Type	Li-ion Battery
Capacity	2500mAh (16.28Wh)
Nominal Voltage	DC 7.4V
Charger Limit Voltage	8.4V
Charging Method	USB-C charging or charger dock
Compatible Radios	BAOFENG DMR MD-32 / DM-32UV / UV-32 series two-way radios
Package Dimensions	4.96 x 4.72 x 1.57 inches
Item Weight	9.9 ounces
Manufacturer	BAOFENG Electronics Co., Ltd



Image: A technical drawing indicating the dimensions of the BAOFENG BC-32UV battery, showing its length (4.21 inches), width (2.26 inches), and thickness (1.56 inches).



Image: The BAOFENG BC-32UV battery shown in a stylized image suggesting durability and resistance to impacts, emphasizing its robust construction suitable for various environments.

Support and Warranty

For technical support, warranty inquiries, or further assistance with your BAOFENG BC-32UV battery, please contact BAOFENG Electronics Co., Ltd. or your authorized dealer.

While specific warranty details are not provided in this manual, it is recommended to retain your proof of purchase for any warranty claims.

You may also visit the official BAOFENG website for updated information and support resources:BAOFENG Official Store

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