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

BAOFENG BL-8

BAOFENG UV82 Series 2800mAh Li-ion Replacement Battery User Manual

1. Introduction

This manual provides essential information for the safe and effective use of your BAOFENG UV82 Series 2800mAh Li-ion Replacement Battery. This high-capacity battery is designed to provide extended power for compatible BAOFENG walkie-talkies, ensuring reliable communication.

Please read this manual thoroughly before using the battery to ensure proper operation and to maximize its lifespan.

2. Product Features

- **High Capacity:** 2800mAh Li-ion battery for extended usage.
- **Compatibility:** Designed for BAOFENG UV-82, UV-82L, UV-82C, UV-89, UV-8D, UV-82HP, UV-82HPL, UV-82HX, UV-82X, GMRS-V1, GMRS-V2, MURS-V1, MURS-V2, UV-82 MK3/5, UV-8R, UV-98D, UV-Q5, UV-82RT series radios.
- **Protection Features:** Includes low heat dissipation, over current protection, over temperature protection, and short-circuit protection.
- **Reliable Performance:** Professional-grade battery designed for optimal radio performance.

Deskdock Charger



Image: The BAOFENG UV82 battery highlighting its built-in protection features including overcharge, temperature, overcurrent, and short-circuit protection.

3. Setup and Installation

3.1 Battery Installation

To install the battery, align the battery pack with the back of your BAOFENG UV82 series radio. Slide the battery upwards until it clicks securely into place. Ensure the battery is firmly attached to prevent accidental disconnection during use.

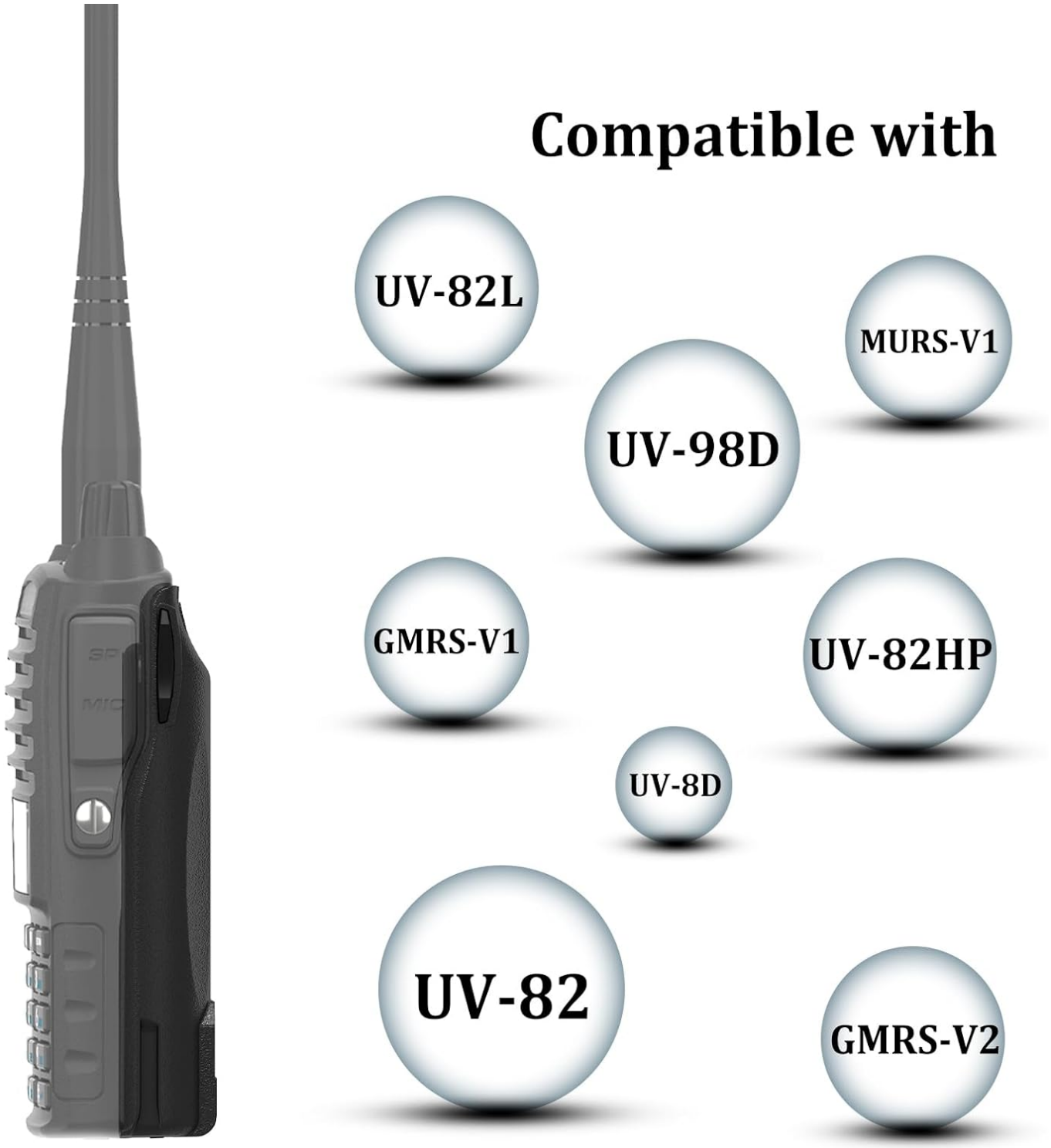


Image: A BAOFENG UV82 radio with the battery pack attached, illustrating the proper fit and connection points.

3.2 Charging the Battery

The BAOFENG UV82 series battery can be charged using a compatible desk dock charger or a Type-C cable (if your specific battery variant includes Type-C charging capability).

1. **Using a Desk Dock Charger:** Place the radio with the battery attached, or the battery alone, into the charging cradle. Ensure the charging contacts align. The indicator light on the charger will typically show red during charging and green when fully charged.
2. **Using a Type-C Cable (if applicable):** Connect a Type-C charging cable to the designated port on the battery and plug the other end into a compatible USB power adapter.

It is recommended to fully charge the battery before its first use to optimize performance and lifespan. Avoid overcharging by removing the battery once fully charged.



Image: A BAOFENG UV82 battery placed in a desk dock charger, with an illustration of a wall adapter and USB cable for charging.

4. Operating Instructions

Once the battery is fully charged and securely installed in your BAOFENG UV82 series radio, you can power on the radio and begin operation. The 2800mAh capacity provides extended operational time for various activities.

- **Power On/Off:** Refer to your radio's specific user manual for power on/off procedures.
- **Battery Level Check:** Most BAOFENG radios display the current battery level on the screen. Monitor this indicator to determine when recharging is necessary.
- **Optimal Performance:** For best performance, operate the radio within its recommended temperature range.



Image: The BAOFENG UV82 battery shown with icons representing various usage scenarios such as hiking, camping, security, and construction, indicating its suitability for long-term standby in these environments.

5. Maintenance and Care

Proper maintenance extends the life of your battery. Follow these guidelines:

- **Storage:** Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. For long-term storage, it is recommended to charge the battery to about 50% capacity.
- **Cleaning:** Keep the battery contacts clean using a dry, soft cloth. Avoid using harsh chemicals or abrasive materials.
- **Avoid Damage:** Do not drop, puncture, or disassemble the battery. This can lead to internal damage, overheating, or fire.
- **Disposal:** Dispose of old or damaged batteries according to local regulations for Li-ion batteries. Do not dispose of them in general waste or by incineration.

6. Troubleshooting

If you encounter issues with your battery, consider the following common troubleshooting steps:

- **Battery Not Charging:**
  - Ensure the charger is properly connected to a power source.
  - Verify that the battery is correctly seated in the charging cradle or that the Type-C cable is securely connected.
  - Check for any debris or corrosion on the charging contacts of both the battery and the charger.
- **Short Battery Life:**
  - Ensure the battery is fully charged before use.
  - Operating the radio at maximum power output or in areas with weak signal can consume more power.
  - Extreme temperatures can affect battery performance.
  - If the battery is old, its capacity may have degraded over time.
- **Battery Overheating:**
  - Immediately discontinue use and charging if the battery becomes excessively hot.
  - Ensure the battery is not exposed to direct sunlight or other heat sources.
  - If overheating persists, the battery may be faulty and should be replaced.

If these steps do not resolve the issue, please contact customer support as detailed in the Warranty and Support section.

7. Specifications

Brand	BAOFENG
Model	BL-8 (Compatible with UV-82 series)
Battery Type	Lithium Ion
Capacity	2800 mAh
Voltage	7.4V
Item Weight	Approximately 30.33 Ounces (for 10 batteries)
Dimensions (Single Battery)	Approx. 4.3 inches (Length) x 1.97 inches (Width) x 0.6 inches (Thickness)
Compatible Radios	UV-82, UV-82L, UV-82C, UV-89, UV-8D, UV-82HP, UV-82HPL, UV-82HX, UV-82X, GMRS-V1, GMRS-V2, MURS-V1, MURS-V2, UV-82 MK3/5, UV-8R, UV-98D, UV-Q5, UV-82RT



Image: A BAOFENG UV82 battery illustrating its key specifications: 7.4V Voltage, 2800mAh Capacity, and Li-ion Chemistry.



Image: Detailed dimensions of the BAOFENG UV82 battery, showing its length (4.3 inches), width (1.97 inches), and thickness (0.6 inches).

8. Warranty and Support

This product comes with a**3-month warranty** provided exclusively through "Shiqun Electronics Co., Ltd".

For warranty claims, technical support, or any inquiries regarding the product, please contact Shiqun Electronics Co., Ltd. directly. Refer to your purchase documentation for specific contact information.

It is recommended to retain your proof of purchase for warranty purposes.

© 2023 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/B0CZ6RLKDB

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