Kastar BA-3B-V11U-58

Kastar Battery Replacement User Manual

Model: BA-3B-V11U-58

1. Introduction

This manual provides essential information for the safe and effective use of your Kastar 3-Pack Ni-MH Battery Replacement. These batteries are designed to be compatible with various devices, including Bell and Howell JMJ20910 BN-V12U, Bell & Howell 4324217 BB-079826 Battery, and Raytheon IR Pro cameras, as well as Duracell DR10, DR10AA, DR11, PC-DR11, and DR11AA models.

Please read this manual thoroughly before using the product and retain it for future reference.

2. Safety Information

WARNING: To prevent fire, electric shock, or injury, always observe the following safety precautions:

- Do not short circuit the battery terminals.
- Do not expose the battery to heat, fire, or direct sunlight.
- Do not disassemble, crush, or puncture the battery.
- Keep batteries out of reach of children.
- If battery fluid leaks, avoid contact with skin and eyes. Rinse immediately with plenty of water and seek medical attention.
- Dispose of used batteries according to local regulations. Do not dispose of in household waste.
- These Ni-MH batteries are eco-friendly and do not contain harmful substances like Mercury (Hg), Cadmium (Cd), or Lead (Pb).

3. Product Overview

The Kastar 3-Pack Battery Replacement provides high capacity and reliable power for your compatible devices. Each battery features a Ni-MH cell with a voltage of 6.0V and a capacity of 2100mAh.




Kastar
Ni-MH Battery Pack
For JVC. BN-V11U/V12U
6.0V⎓2100mAh 12.6Wh
CAUTION:DO NOT SHORT CIRCUIT PREVENT FROMHEAT
DO NOT DISASSEMBLE.
MADE IN CHINA

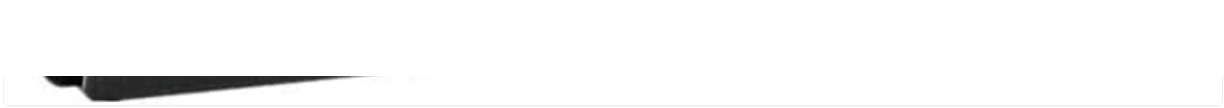


Figure 3.1: Three Kastar Ni-MH Battery Packs included in the package. Each battery is labeled with its specifications and safety warnings.

The batteries are designed with a mix-protection additive to the cathode, enhancing durability and extending lifespan up to 1200 cycles. Their embedded seal structure helps maintain power longer due to low self-discharge properties.

4. Setup

4.1 Initial Charging

Before first use, it is recommended to fully charge the batteries. Use a compatible Ni-MH battery charger for your device. Refer to your device's or charger's manual for specific charging instructions.

1. Insert the Kastar battery into a compatible Ni-MH battery charger.
2. Connect the charger to a power source.
3. Allow the battery to charge until the charger's indicator shows a full charge. Charging times may vary depending on the charger and battery's initial charge level.

4.2 Battery Installation

Ensure your device is powered off before installing or removing the battery.

1. Locate the battery compartment on your camera or camcorder.
2. Open the battery compartment cover.
3. Align the battery with the compartment's terminals, ensuring correct polarity.
4. Gently slide the battery into place until it clicks or is securely seated.
5. Close the battery compartment cover firmly.

5. Operating

Once the battery is installed and charged, your device is ready for operation. The high capacity of these batteries provides extended usage time for your camera or camcorder.

- Always use the battery within the specified operating temperature range of your device.
- Avoid fully discharging the battery frequently, as this can reduce its overall lifespan.
- If your device indicates low battery, replace or recharge the battery promptly to avoid interruption of use.

6. Maintenance

6.1 Charging Guidelines

- Use only chargers designed for Ni-MH batteries.
- Do not overcharge the batteries. Most modern chargers have automatic cut-off features.
- Charge batteries in a well-ventilated area, away from flammable materials.

6.2 Storage

For optimal battery life, store batteries in a cool, dry place, away from direct sunlight and extreme temperatures.



Figure 6.1: A single Kastar battery shown within a clear protective case, ideal for safe storage and transport.

- Store batteries with a partial charge (around 50%) if not used for extended periods.
- Avoid storing batteries in a fully discharged state.
- Use a battery case to protect terminals from short-circuiting during storage or transport.

6.3 Cleaning

Wipe the battery terminals with a clean, dry cloth if they appear dirty. Ensure no moisture enters the battery.

7. Troubleshooting

Problem	Possible Cause	Solution
Battery not charging.	Incorrect charger, faulty charger, dirty terminals, battery fully discharged.	Ensure charger is compatible. Try a different charger. Clean battery and charger terminals. Allow battery to charge for a longer period.
Short operating time.	Battery not fully charged, aging battery, high power consumption by device.	Ensure battery is fully charged. If battery is old, consider replacement. Reduce device power consumption (e.g., turn off unnecessary features).
Battery does not fit device.	Incorrect battery model.	Verify battery compatibility with your device model. Refer to the product description for compatible models.

8. Specifications

Feature	Detail
Battery Type	Ni-MH
Battery Voltage	6.0V
Battery Capacity	2100mAh
Product Dimensions	2.5 x 2.1 x 4 inches
Item Weight	1.31 pounds (for the 3-pack)
Model Number	BA-3B-V11U-58
Manufacturer	Kastar
Country of Origin	China
Environmental Compliance	Does not contain Hg/Cd/Pb

9. Warranty and Support

Kastar products are manufactured with quality and reliability in mind. While specific warranty details are not provided in this manual, Kastar stands behind its products.

For any questions, technical support, or warranty inquiries regarding your Kastar battery replacement, please contact Kastar customer service directly. You can typically find contact information on the product packaging or the official Kastar

website.

For more information, visit the official Kastar store:Kastar Store on Amazon

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Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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