

Kastar BA-4B-D16-M

Kastar CGR-D16 Battery Replacement User Manual

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your Kastar CGR-D16 Lithium-ion battery replacement. This battery is designed to power compatible Panasonic and Hitachi camera and camcorder models. Please read this manual thoroughly before use to ensure optimal performance and safety.



Help us Improve!
Dear customer,
Thanks for you purchasing from us!
I would be happy to hear your opinion
about this battery. What is good, what
can be better. Please share your
thoughts. They will help us improve.

Image 1: Kastar CGR-D16 Battery Replacement Packaging. The image shows the white and blue retail box for the Kastar

battery, indicating 'HIGH CAPACITY Battery for Camera & Camcord' and features like 'NO MEMORY EFFECT', '100% Compatible', 'HIGH STABILITY', and '18 Months warranty'.

2. COMPATIBILITY

The Kastar CGR-D16 battery is compatible with the following battery and camera models:

2.1 Compatible Battery Models:

- Panasonic CGR-D08, CGA-D08, D08A/1B, D08R, D08S
- Panasonic CGR-D16, CGA-D16, D16A/1B, D16R, D16S
- Panasonic CGR-D28, CGA-D28, D28A/1B, D28R, D28S
- Hitachi DZ-BP08, DZ-BP16, DZ-BP28

2.2 Compatible Camera Models:

- **Panasonic:** AG-3DA1, AG-AC90, AG-DV1, AG-DVC7, AG-DVC15, AG-DVC30, AG-DVC32, AG-DVC60, AG-DVC62, AG-DVC80, AG-DVX100, AG-DVX102, AG-DVX1000, AG-EZ50U, AG-HVX200, NV-C1, NV-C2, NV-C3, NV-C5, NV-C7, NV-D89, NV-DA1, NV-DB1, NV-DS3, NV-DS7, NV-DS8, NV-DS9, NV-DS11, NV-DS12, NV-DS15, NV-DS20, NV-DS25, NV-DS27, NV-DS28, NV-DS29, NV-DS30, NV-DS33, NV-DS35, NV-DS37, NV-DS38, NV-DS50, NV-DS55, NV-DS60, NV-DS65, NV-DS68, NV-DS77, NV-DS80, NV-DS88, NV-DS89, NV-DS99, NV-DS150, NV-DS200, NV-DS990, NV-EX1, NV-EX3, NV-EX21, NV-GS1, NV-GS3, NV-GS4, NV-GS5, NV-GS7, NV-GS11, NV-GS15, NV-GS33, NV-GX7, NV-M20, NV-MD9000, NV-MG3, NV-MX1, NV-MX2, NV-MX3, NV-MX5, NV-MX7, NV-MX, NV-MX300, NV-MX340, NV-MX350, NV-MX500, NV-MX1000, NV-MX2000, NV-MX2500, NV-MX3000, NV-MX5000, NV-RX11EG, NV-RX22EG, NV-RX33EG, NV-RX66EG, PV-BP8, PV-DBP8, PV-DC152, PV-DC252, PV-DC352, PV-DV51, PV-DV52, PV-DV53, PV-DV73, PV-DV100, PV-DV101, PV-DV102, PV-DV103, PV-DV121, PV-DV151, PV-DV200, PV-DV201, PV-DV202, PV-DV203, PV-DV221, PV-DV351, PV-DV400, PV-DV401, PV-DV402, PV-DV600, PV-DV601, PV-DV602, PV-DV700, PV-DV701, PV-DV702, PV-DV710, PV-DV800, PV-DV801, PV-DV851, PV-DV852, PV-DV900, PV-DV901, PV-DV910, PV-DV951, PV-DV952, PV-DV953, PV-GS2, PV-GS9, PV-GS11, PV-GS12, PV-GS13, PV-GS14, PV-GS15, PV-GS16, PV-D401, PV-DBP8, PV-DVP8-A, PV-VM202, VDR-M10, VDR-M20, DZ-MX5000, AJ-PCS060G (Portable Hard Disk)
- **Hitachi:** DZ-MV100, DZ-MV200, DZ-MV208, DZ-MV100, DZ-MV238, DZ-MV250, DZ-MV270, VDR-M20

3. PRODUCT FEATURES

- **High Capacity:** Designed to provide extended power for your camera or camcorder.
- **Specifications:** Lithium-ion battery type; 7.4V voltage; 2100mAh capacity.
- **Safety Features:** Meets UL1642 & CE safety standards. Includes built-in protection circuits against over-charge, over-discharge, over-voltage, over-current, and over-heating.
- **Durability:** Engineered for improved cycle life and reliable performance.

4. SETUP AND INSTALLATION

4.1 Initial Charging

Before first use, fully charge the battery using a compatible charger. Refer to your camera or camcorder's manual for specific charging instructions and recommended chargers.

4.2 Battery Installation

1. Ensure your camera or camcorder is powered off.
2. Locate the battery compartment on your device.
3. Open the battery compartment cover.
4. Insert the Kastar CGR-D16 battery into the compartment, aligning the contacts correctly. The battery should slide in smoothly and lock into place. Do not force the battery.
5. Close the battery compartment cover securely.



Image 2: Kastar CGR-D16 Battery Replacement. The image displays the gray rectangular lithium-ion battery pack with 'Li-ion BATTERY PACK' printed on its label.

5. OPERATING INSTRUCTIONS

5.1 Charging the Battery

Use only chargers compatible with CGR-D16 type batteries. Connect the charger to a power source and insert the battery. Follow the charger's instructions for charging indicators and duration. Avoid overcharging by removing the battery once fully charged.

5.2 Battery Usage

Once installed and charged, the battery will power your compatible camera or camcorder. Monitor your device's battery level indicator to determine remaining power. For optimal battery life, avoid completely draining the battery before recharging.

6. MAINTENANCE AND STORAGE

6.1 Cleaning

Keep battery contacts clean. Use a dry, soft cloth to wipe any dust or dirt from the battery terminals. Do not use liquids or abrasive cleaners.

6.2 Storage

- Store batteries in a cool, dry place away from direct sunlight and extreme temperatures.
- For long-term storage, charge the battery to approximately 50% capacity.
- Avoid storing batteries in a fully discharged state for extended periods, as this can reduce battery life.
- Keep batteries away from metal objects to prevent short circuits.

6.3 Battery Disposal

Do not dispose of batteries in household waste. Lithium-ion batteries should be recycled according to local regulations. Contact your local waste management facility for information on battery recycling programs.

7. TROUBLESHOOTING

7.1 Battery Not Charging

- Ensure the battery is correctly inserted into the charger and the charger is properly connected to a power source.
- Verify that the charger is compatible with CGR-D16 batteries.
- Check for any visible damage to the battery or charger.
- Clean the battery contacts and charger terminals.

7.2 Battery Not Powering Device

- Ensure the battery is fully charged.
- Verify the battery is correctly installed in the device's battery compartment.
- Check if the device itself is functioning correctly with another known good battery (if available).
- Clean the battery contacts on both the battery and the device.

8. SPECIFICATIONS

Specification	Value
Model Number	BA-4B-D16-M
Battery Type	Lithium Ion
Battery Voltage	7.4 Volts
Battery Capacity	2100mAh
Reusability	Rechargeable
Item Dimensions	1.42 x 1.45 x 2.37 inches
Item Weight	14 Ounces

9. SAFETY INFORMATION

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Do not expose the battery to water or moisture.
- Keep batteries out of reach of children and pets.
- If the battery shows signs of swelling, leakage, or damage, discontinue use immediately and dispose of it properly.
- This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm (Proposition 65 warning).

10. WARRANTY AND SUPPORT

Kastar strives to provide high-quality products. If you encounter any issues with your battery, please refer to the retailer's return policy. For purchases made on Amazon, a 30-day return policy typically applies. For further assistance, please contact Kastar customer support through their official channels.