

Surpassed LI-50B/D-LI92/CNP150

Surpassed LI-50B/D-LI92/CNP150 Rechargeable Li-ion Battery Pack User Manual

Model: LI-50B/D-LI92/CNP150 | Brand: Surpassed

1. INTRODUCTION AND OVERVIEW

This manual provides essential instructions for the safe and effective use of your Surpassed LI-50B/D-LI92/CNP150 rechargeable Li-ion battery pack. This battery is designed as a replacement for various digital cameras, including Ricoh CX3, CX4, CX5, CX6, and PX models, as well as devices compatible with Olympus LI-50B, LI-50C, Pentax D-LI92, and Panasonic VW-VBX090 batteries.

Please read this manual thoroughly before using the product to ensure proper operation and to prevent damage or injury.

2. PRODUCT FEATURES

- High-quality lithium-ion replacement battery.
- Designed for high energy density and extended recycle life.
- Provides reliable power for digital video cameras and camcorders.
- High capacity of 1000mAh with a voltage of 3.7V.
- Features 100% decoding and compatibility with original cameras and chargers.
- No memory effect, allowing charging at any time without capacity degradation.

3. SETUP AND INSTALLATION

Before first use, it is recommended to fully charge the battery.

1. **Charging the Battery:** Insert the battery into a compatible charger. Connect the charger to a power source. Refer to your charger's instructions for specific charging indicators and times.
2. **Inserting into Camera:**

- Ensure the camera is powered off.
- Open the battery compartment cover on your camera.
- Align the battery's contacts with the camera's terminals. The battery is designed to fit in only one orientation.
- Gently push the battery into the compartment until it clicks into place or is securely seated.
- Close the battery compartment cover.

Note: For detailed camera-specific battery installation instructions, please consult your camera's user manual.



Figure 3.1: Front view of the Surpassed LI-50B battery, displaying model number, voltage, and capacity.

4. OPERATING INSTRUCTIONS

This battery is designed for use in compatible digital cameras and camcorders. Once installed and charged, it powers your device for photography and video recording.

- **Charging:** Always use a charger compatible with LI-50B type batteries. Overcharging or using an incompatible charger can damage the battery and pose safety risks.
- **Discharging:** The battery will discharge during camera operation. When the camera indicates low battery, it is recommended to replace or recharge the battery promptly.
- **Memory Effect:** This Li-ion battery does not suffer from the "memory effect," meaning you can recharge it at any charge level without significantly impacting its long-term capacity or performance.

5. MAINTENANCE

- **Cleaning:** Keep the battery contacts clean. Use a dry, soft cloth to wipe off any dust or dirt. Do not use liquids or abrasive cleaners.
- **Storage:** If storing the battery for an extended period, charge it to approximately 50% capacity and store it in a cool, dry place away from direct sunlight and extreme temperatures. Avoid

storing fully charged or fully depleted batteries for long durations.

- **Handling:** Handle the battery with care. Avoid dropping it or subjecting it to strong impacts.

6. SAFETY INFORMATION

WARNING: Failure to follow these safety instructions could result in fire, electric shock, injury, or damage to the battery or other property.



Figure 6.1: Back view of the Surpassed LI-50B battery, highlighting critical safety warnings.

- **Do Not Connect Improperly:** Ensure correct polarity when inserting the battery. Incorrect connection can cause damage.
- **Avoid Fire and Heat:** Do not dispose of the battery in fire or expose it to excessive heat (e.g., direct sunlight, hot cars, near heaters). This can cause explosion or leakage.
- **Physical Damage:** Do not crush, puncture, incinerate, or short circuit external contacts. Physical damage can lead to internal short circuits, overheating, and fire.
- **Water Exposure:** Do not immerse the battery in water or allow it to get wet.
- **Disassembly:** Do not attempt to disassemble or modify the battery. There are no user-serviceable parts inside.
- **Children:** Keep batteries out of reach of children.
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of them with household waste.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Battery not charging	Charger not connected, faulty charger, dirty battery contacts, battery fully charged.	Ensure charger is properly connected. Try a different charger. Clean battery contacts. Check if battery is already full.

Problem	Possible Cause	Solution
Camera not powering on	Battery depleted, improperly inserted battery, faulty battery.	Recharge the battery. Re-insert the battery correctly. Try a different, known-good battery.
Short battery life	Battery not fully charged, extreme temperatures, aging battery.	Ensure full charge. Operate camera within recommended temperature range. Consider replacing the battery if it's old.

8. SPECIFICATIONS

- **Battery Type:** Lithium-ion (Li-ion)
- **Voltage:** 3.7V
- **Capacity:** 1000mAh
- **Compatible Models:** Ricoh CX3, CX4, CX5, CX6, PX Digital Camera; Olympus LI-50B, LI-50C; Pentax D-LI92; Panasonic VW-VBX090
- **Manufacturer:** Surpassed



Figure 8.1: Image showing two Surpassed LI-50B battery packs.

9. WARRANTY AND SUPPORT

This Surpassed battery pack comes with a **1-year warranty** from the date of purchase, covering manufacturing defects.

For warranty claims, technical support, or any questions regarding your product, please contact your retailer or the manufacturer directly. Please retain your proof of purchase for warranty validation.

We are committed to providing quality power products and excellent customer service.