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> Surpassed LCD Micro USB Battery Charger (Model NB-2L) Instruction Manual

Surpassed NB-2L

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For Canon DC301, DC310, DC320, DC330, DC410, DC420 Camcorders and other compatible models

INTRODUCTION

This manual provides essential instructions for the safe and efficient use of your Surpassed LCD Micro USB Battery Charger. Please read this manual thoroughly before operating the device to ensure proper function and longevity.

SAFETY INFORMATION

WARNING:

- Do not disassemble the unit.
- Do not remove the cover or back plate.
- There are no user-serviceable parts inside. Refer service to a qualified service agent.
- Use only in dry locations. Avoid exposure to moisture or water.
- Keep out of reach of children.

This charger is designed with multiple circuit protections including over-charging, over-current, over-voltage, short-circuit, and high-temperature protection to ensure safe operation.

PACKAGE CONTENTS

- 1 x Surpassed LCD USB Battery Charger
- 1 x USB Cable



Image: The Surpassed LCD USB Battery Charger shown alongside its included USB cable. The charger features a battery slot and an LCD screen.

SETUP

1. **Unpack the Charger:** Carefully remove the charger and USB cable from the packaging.
2. **Identify Components:** Locate the battery slot, LCD display, and Micro-USB input port on the charger.
3. **Connect Power:** Insert the small end of the provided USB cable into the Micro-USB input port on the side of the charger. Connect the standard USB end to a compatible USB power source (e.g., USB wall charger, car charger, power bank, or computer USB port).



Image: A side view of the charger, highlighting the Micro-USB input port for connecting the power cable.

OPERATING INSTRUCTIONS

1. **Insert Battery:** Align your compatible camera or camcorder battery with the contacts in the charger's battery slot. Gently push the battery into the slot until it is securely seated. Ensure the battery is inserted with the correct polarity.
2. **Monitor Charging Status:** Once the battery is inserted and the charger is connected to a power source, the LCD display will activate. The LCD screen will show the current charging status, typically indicating the battery level and charging progress.
3. **Charging Completion:** The LCD display will indicate when the battery is fully charged. Disconnect the charger from the power source and remove the charged battery.



Image: The Surpassed LCD USB Battery Charger with a battery inserted, showing the LCD screen which displays charging information.

COMPATIBILITY

This charger is compatible with batteries used in the following Canon camera and camcorder models:

- Canon Optura 30, 40, 50, 60, 400, 500 Mini DV Camcorder
- Canon PowerShot G7, G9, S30, S40, S45, S50, S60, S70, S80 Camcorder
- Canon VIXIA HF R10, HF R11, HF R100, HG10, HV20, HV30, HV40 Full HD Camcorder
- Canon ZR100, ZR200, ZR300, ZR400, ZR500, ZR600, ZR700, ZR800, ZR830, ZR850, ZR900, ZR930, ZR950, ZR960 Mini DV Digital Camcorder
- Canon DC301, DC310, DC320, DC330, DC410, DC420 Camcorder
- Canon Elura 40, 50, 60, 65, 70, 80, 85, 90, EOS 350D, 400D Camcorder
- Canon Digital Rebel XT, XTi, FV500, FVM20, FVM30, FVM100, FVM200, HG10, HV20, HV30 Camcorder

This charger is designed for batteries compatible with the Canon NB-2L series.

MAINTENANCE

- Keep the charger clean and dry. Use a soft, dry cloth to wipe off any dust or debris.
- Avoid exposing the charger to extreme temperatures, direct sunlight, or high humidity.
- Store the charger in a cool, dry place when not in use.

- Do not use harsh chemicals or abrasive cleaners on the charger.

TROUBLESHOOTING

- **Charger not powering on:**

- Ensure the USB cable is securely connected to both the charger and the power source.
- Verify that the USB power source is functional (e.g., try another USB port or wall adapter).

- **Battery not charging:**

- Check that the battery is correctly inserted into the charger with proper polarity.
- Confirm that the battery is compatible with this charger (refer to the Compatibility section).
- The battery may be fully charged. Check the LCD display.
- If the battery is severely depleted or damaged, it may not charge. Try a different battery if available.

- **LCD display not showing status:**

- Ensure the charger is powered on and a battery is inserted.
- If the issue persists, contact customer support.

SPECIFICATIONS

Input Voltage	DC 5V +/- 5%
Output Voltage	DC 4.2V/8.4V +/- 0.05V, 600mAh (MAX)
Dimensions	3.3 x 1.7 x 0.7 inches
Work Temperature	-20°C to +60°C (-4°F to +140°F)
Weight	32g
Model Number	NB-2L



Image: The back of the charger displaying product specifications, input/output details, and safety warnings.

WARRANTY

This product comes with a 1-year warranty from the date of purchase. Please retain your proof of purchase for warranty claims. The warranty covers manufacturing defects but does not cover damage caused by misuse, accidents, unauthorized modifications, or normal wear and tear.

SUPPORT

For further assistance, technical support, or warranty inquiries, please contact the manufacturer, Surpassed, through their official channels or the retailer where the product was purchased. Please have your product model number (NB-2L) and purchase details ready when contacting support.

