

## Auronino CS-NP55

# Auronino Replacement Battery User Manual

Model: CS-NP55

## 1. INTRODUCTION

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This user manual provides essential information for the safe and effective use of your Auronino CS-NP55 replacement battery. This high-quality Ni-MH battery is designed to provide reliable power for a wide range of compatible devices, ensuring extended operational life.

The Auronino CS-NP55 battery is compatible with the following models:

- KX-H1E, KX-70E, KX-77
- KD-1700U, KX-90U, KD-H130
- KD-1700E, KD-M750, KX-80
- KD-1700, KD-M710E, KD-3030E
- KD-5530, RX-1, KD-90E
- KD-3030U, KD-530, KD-H150

## 2. SAFETY INFORMATION AND WARNINGS

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Please read all safety instructions carefully before using the battery. Failure to follow these instructions may result in fire, electric shock, injury, or damage to the battery or device.

- **CAUTION: WARRANTY VOID IF LABEL IS REMOVED.**
- Do not attempt to disassemble, open, or service the battery pack.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Replace only with the battery pack designated for this product.
- Do not store above 60°C (140°F).
- Keep the battery away from children and pets.
- If the battery leaks, avoid contact with skin and eyes. If contact occurs, rinse thoroughly with water and seek medical attention.
- Dispose of used batteries according to local regulations. Do not dispose of with household waste.

## 3. PRODUCT OVERVIEW

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The Auronino CS-NP55 is a Ni-MH replacement battery designed for specific electronic devices. It features a robust casing and precise connectors to ensure a secure fit and reliable power delivery.



Image 1: Top-down view of the Auronino CS-NP55 replacement battery. The battery is black with a white label on the top surface detailing the model number (CS-NP55), part numbers, capacity (2100mAh / 12.6Wh), type (Ni-MH / 6.0V), and safety warnings. The label also shows "Cameron Sino" branding, CE mark, and "Made In China". Two silver-colored contact points are visible on the right side of the battery.

The battery's label provides key specifications and warnings:

- **Model No.:** CS-NP55
- **Part No.:** NP-33, NP-55, NP-66, NP-66H, NP-68, NP-77, NP-C65, NP-55H, NP-98
- **Capacity:** 2100mAh / 12.6Wh
- **Type:** Ni-MH / 6.0V

## 4. SETUP AND INSTALLATION

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Before installing the new battery, ensure your device is powered off and disconnected from any power source.

1. Locate the battery compartment on your compatible device. Refer to your device's original user manual for specific instructions on accessing the battery compartment.
2. Carefully remove the old battery, if present.
3. Insert the Auronino CS-NP55 battery into the compartment, ensuring the contacts align correctly with the device's terminals. The battery should fit snugly.
4. Close the battery compartment cover securely.
5. **Initial Charge:** For optimal performance and battery longevity, the new battery pack must be fully charged before its first use. Connect your device to its charger and allow it to charge completely.

## 5. OPERATION AND CHARGING

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Once installed and fully charged, your device is ready for use. The battery will provide power to your device as designed by the manufacturer.

### Charging Guidelines:

- Always use the original charger or a certified compatible charger for your device.
- Avoid overcharging the battery. Once the device indicates a full charge, disconnect it from the charger.
- It is recommended to perform a full charge-discharge cycle for the first few uses to calibrate the battery's charge indicator.

## 6. MAINTENANCE AND STORAGE

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Proper maintenance and storage can significantly extend the life of your battery.

- **Regular Use:** Batteries perform best with regular use. Avoid leaving the battery unused for extended periods.
- **Temperature:** Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures. Do not store above 60°C (140°F).
- **Charge Level for Storage:** If storing the battery for a long period, it is advisable to charge it to about 50% capacity. Recharge it every 3-6 months to prevent deep discharge.
- **Cleaning:** Keep the battery contacts clean using a dry cloth or cotton swab.

## 7. TROUBLESHOOTING

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If you encounter issues with your Auronino CS-NP55 battery, consider the following common solutions:

- **Battery Not Charging:**
  - Ensure the battery is correctly seated in the device and the charger is properly connected.
  - Verify that the charger and charging cable are functional and compatible with your device.
  - Clean the battery contacts and device terminals.
- **Short Battery Life:**
  - Ensure the battery has been fully charged before use.
  - Check for excessive background applications or device settings that might be draining power rapidly.
  - Perform a few full charge-discharge cycles to optimize battery performance.
- **Device Not Powering On:**
  - Confirm the battery is fully charged and correctly installed.
  - Test the device with another known-good battery if available, or test the battery in another compatible device.

If problems persist, please contact Auronino customer support.

## 8. SPECIFICATIONS

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Attribute	Value
Model Number	CS-NP55
Battery Type	Ni-MH
Capacity	2100mAh
Rate	12.6Wh
Voltage	6.0V
Weight	260.5g (9.2 ounces)
Dimensions (L x W x H)	88.95 x 47.55 x 20.73mm (3.5 x 1.87 x 0.82 inches)
Manufacturer	Auronino

## 9. WARRANTY AND SUPPORT

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Auronino stands behind the quality of its products. Your CS-NP55 replacement battery comes with:

- **12-Month Warranty:** Covering manufacturing defects and performance issues under normal use.
- **30-Day Money Back Guarantee:** If you are not satisfied with your purchase.

Auronino products are certified by MSDS, UN38.3, CE, and ISO9001 quality assurance certificates, ensuring safety and reliability.

For any questions, concerns, or technical assistance, please contact Auronino customer support. We aim to provide an email reply within 24 hours.

*Thank you for choosing Auronino.*