

Cameron Sino x-161

Cameron Sino Replacement Battery User Manual

Model: x-161

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Cameron Sino 2600mAh / 37.44Wh replacement battery. This battery is designed to provide reliable power for compatible devices. Please read this manual thoroughly before installation and use.



Image 1.1: Top view of the Cameron Sino 2600mAh / 37.44Wh replacement battery. This image shows the overall shape and size of the battery pack.

2. SAFETY INFORMATION

Your safety is paramount. Adhere to the following precautions to prevent injury or damage to the battery and device.

- **Compatibility:** Only use this battery with the devices specified in the compatibility section. Using it with incompatible devices may cause damage or safety hazards.
- **Charging:** Do not use third-party adapter chargers that are not specifically designed for this battery or your device. Use only the original or certified compatible charger.
- **Physical Damage:** Do not crush, puncture, or disassemble the battery. Avoid dropping the battery or subjecting it to strong impacts.
- **Temperature:** Do not store or operate the battery above 60°C (140°F) or in direct sunlight. Avoid exposing the battery to extreme cold.
- **Moisture:** Keep the battery away from water and other liquids. Do not immerse the battery in water.
- **Short Circuit:** Avoid short-circuiting the battery terminals. Do not carry the battery with metallic objects that could cause a short circuit.
- **Disposal:** Dispose of used batteries according to local regulations. Do not dispose of batteries in household waste or by incineration.
- **Protection Features:** This battery is equipped with built-in over-charge, over-discharge, over-voltage, over-current, and over-heating protection for safer use.



Image 2.1: Side view of the Cameron Sino replacement battery, showing the warning label and specifications. Always observe the warnings printed on the battery.

3. COMPATIBILITY

This Cameron Sino replacement battery is compatible with the following device models and part numbers:

- Taurus Homeland Gyro
- Taurus Homeland Laser
- RVCA1000B
- RVCA1001B
- RVCA1002B
- Part No. 098060
- Part No. 098060000

Before purchase and installation, carefully verify your device model and the original battery part number to ensure compatibility.

4. SPECIFICATIONS

Feature	Specification
Model Number	x-161
Battery Type	Li-ion (Lithium Ion)
Voltage	14.4 Volts
Capacity	2600mAh / 37.44Wh
Weight	Approximately 270g
Dimensions	69.00 x 37.30 x 37.00mm
Certifications	FCC, ROHS compliant

5. INSTALLATION (SETUP)

Follow these steps to install the replacement battery into your compatible device:

1. **Power Off Device:** Ensure your device is completely powered off and disconnected from any power source before beginning installation.
2. **Locate Battery Compartment:** Refer to your device's original user manual to locate and open the battery compartment.
3. **Remove Old Battery:** Carefully remove the old battery, noting its orientation and how it connects to the device.
4. **Insert New Battery:** Insert the Cameron Sino replacement battery into the compartment, ensuring it is oriented correctly.
5. **Connect Plug:** Connect the battery's plug securely to the device's battery connector. Ensure the plug is fully seated and correctly aligned.
6. **Close Compartment:** Close the battery compartment securely.

Note: The replacement battery is designed for easy installation and a perfect fit. If you encounter resistance, do not force the battery. Recheck the orientation and connection.





Image 5.1: Front view of the battery connector. Ensure this connector aligns correctly with your device's port.

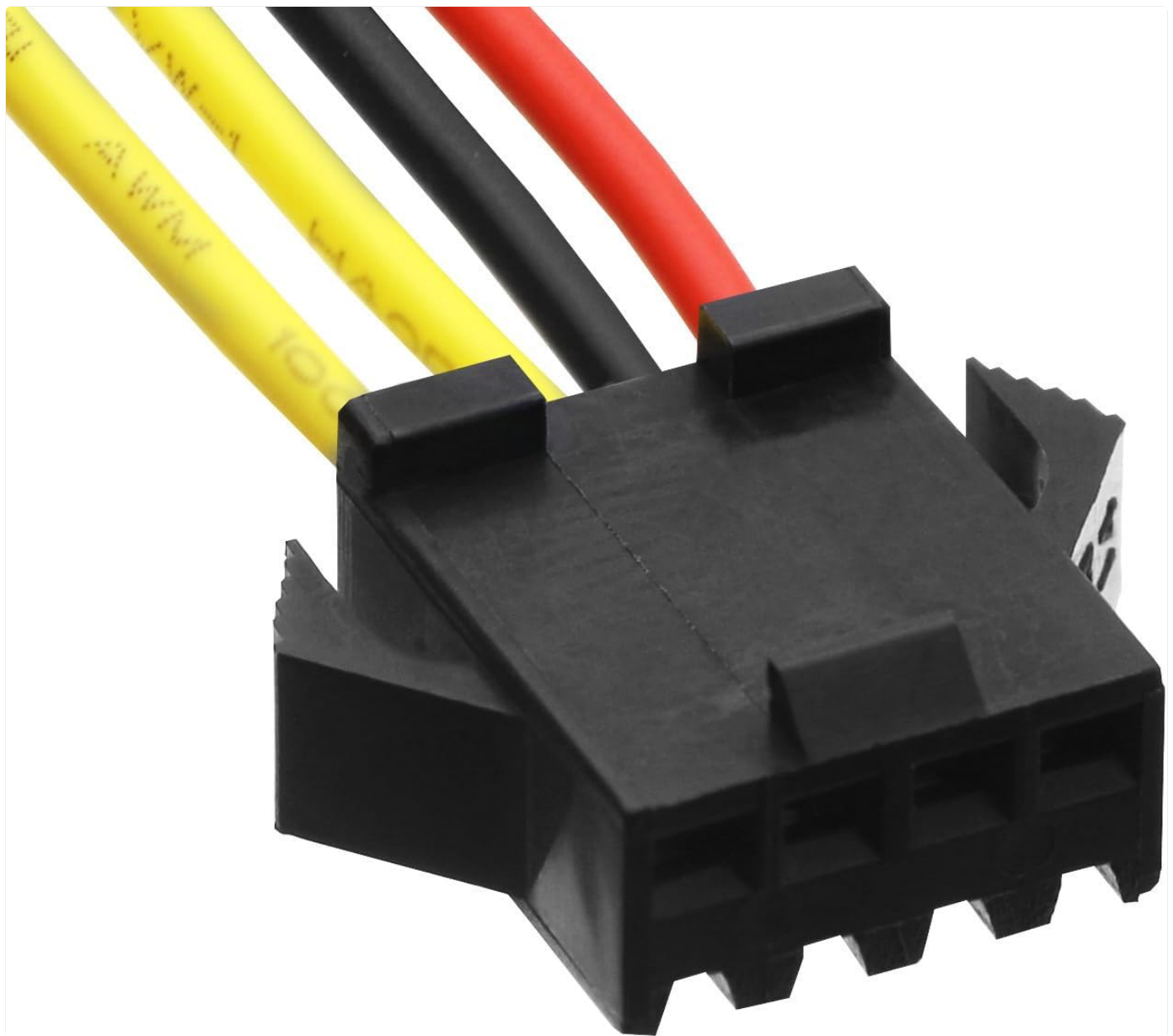


Image 5.2: Side view of the battery connector, showing the wire connections. This view helps in understanding the plug's structure for proper insertion.

6. OPERATION (CHARGING)

After installation, the battery is ready for use and charging.

- **Initial Charge:** For optimal performance, it is recommended to fully charge the battery before its first use.
- **Charging Process:** Connect your device to its original or a certified compatible charger. The device's indicator lights will typically show the charging status.
- **No Memory Effect:** This Li-ion battery technology offers extended run time with no memory effect, meaning you can charge it at any time without needing to fully discharge it first.
- **Avoid Overcharging:** While the battery has over-charge protection, it is good practice to disconnect the charger once the battery is fully charged, especially for prolonged periods.

7. MAINTENANCE

Proper maintenance extends the life of your battery:

- **Storage:** If storing the battery for an extended period, store it in a cool, dry place at approximately 50% charge. Avoid

storing it fully charged or fully discharged.

- **Cleaning:** Keep the battery terminals clean and free from dust or debris. Use a dry, soft cloth for cleaning.
- **Temperature Control:** Avoid exposing the battery to extreme temperatures, both hot and cold, as this can degrade performance and shorten its lifespan.
- **Regular Use:** For best results, use and charge the battery regularly.

8. TROUBLESHOOTING

If you encounter issues with your replacement battery, consider the following:

- **Battery Not Charging:**
 - Ensure the battery is correctly installed and the connector is fully seated.
 - Verify that the charger is functioning correctly and is compatible with your device and battery.
 - Check for any visible damage to the battery or charger.
- **Shortened Run Time:**
 - Ensure the battery has been fully charged.
 - Check if the device itself is consuming more power than usual (e.g., due to background processes or high usage).
 - Extreme temperatures can affect battery performance; ensure the device is operating within recommended temperature ranges.
- **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 possible.

If problems persist after following these steps, please contact customer support.

9. WARRANTY AND SUPPORT

Cameron Sino provides a 30-day refund policy for this product. We also offer 24-hour response service for any inquiries or issues you may have.

For support, questions, or warranty claims, please contact us through the retailer's platform or visit the official Cameron Sino store: [Cameron Sino Official Store on Amazon](#)

Please have your purchase details and product model number (x-161) ready when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

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

Submit question