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> [HQRP](#) /

> [HQRP Battery User Manual for Mac Mentor 239180 & PRO Scan Scanner Diagnostic Service Tool](#)

HQRP 887774404011602

HQRP Battery User Manual for Mac Mentor 239180 & PRO Scan Scanner Diagnostic Service Tool

Model: 887774404011602

[Introduction](#)

[Safety Information](#)

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Warranty &](#)

[Support](#)

[Specifications](#)

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your HQRP 9.6V 2200mAh Ni-Mh rechargeable battery. This battery is designed as a replacement for Mac Mentor 239180 and PRO Scan Scanner Diagnostic Service Tools. Please read this manual thoroughly before installation and use, and retain it for future reference.



Figure 1: HQRP 9.6V 2200mAh Ni-Mh rechargeable battery. This image shows the full battery pack with its green casing and attached connector.

2. IMPORTANT SAFETY INFORMATION

To prevent injury or damage to your device, always observe the following safety precautions:

- **Do not attempt to open or disassemble the battery pack.** This can lead to internal damage or exposure to hazardous materials.
- **Do not crush, puncture, or short external contacts.** Avoid contact with metal objects that could bridge the terminals.
- **Do not dispose of the battery in fire or water.** Improper disposal can cause explosions or leaks.
- **Do not expose the battery to temperatures above 60°C (140°F).** High temperatures can degrade battery performance and pose a safety risk.
- **Replace only with the battery pack designed for your specific device.** Using an incompatible battery may cause damage.

WARNING for California residents pursuant to CA Proposition 65: This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.



Figure 2: Close-up of the HQRP battery label showing safety warnings and specifications. The label clearly states "Ni-MH Battery" and lists precautions against opening, crushing, puncturing, shorting, high temperatures, and improper disposal.

3. SETUP AND INSTALLATION

Follow these steps to properly install your HQRP replacement battery:

1. **Power Off Device:** Ensure your Mac Mentor 239180 or PRO Scan Scanner Diagnostic Service Tool is completely powered off and disconnected from any power source before proceeding.
2. **Locate Battery Compartment:** Refer to your device's original manual to locate and open the battery compartment.
3. **Remove Old Battery:** Carefully disconnect and remove the old battery. Note the orientation of the connector.
4. **Insert New Battery:** Align the HQRP battery with the compartment. Connect the battery's plug to the device's battery port. Ensure the connection is secure and correctly oriented. Do not force the connector.
5. **Secure Compartment:** Close and secure the battery compartment.
6. **Initial Charge:** It is recommended to fully charge the new battery before its first use.

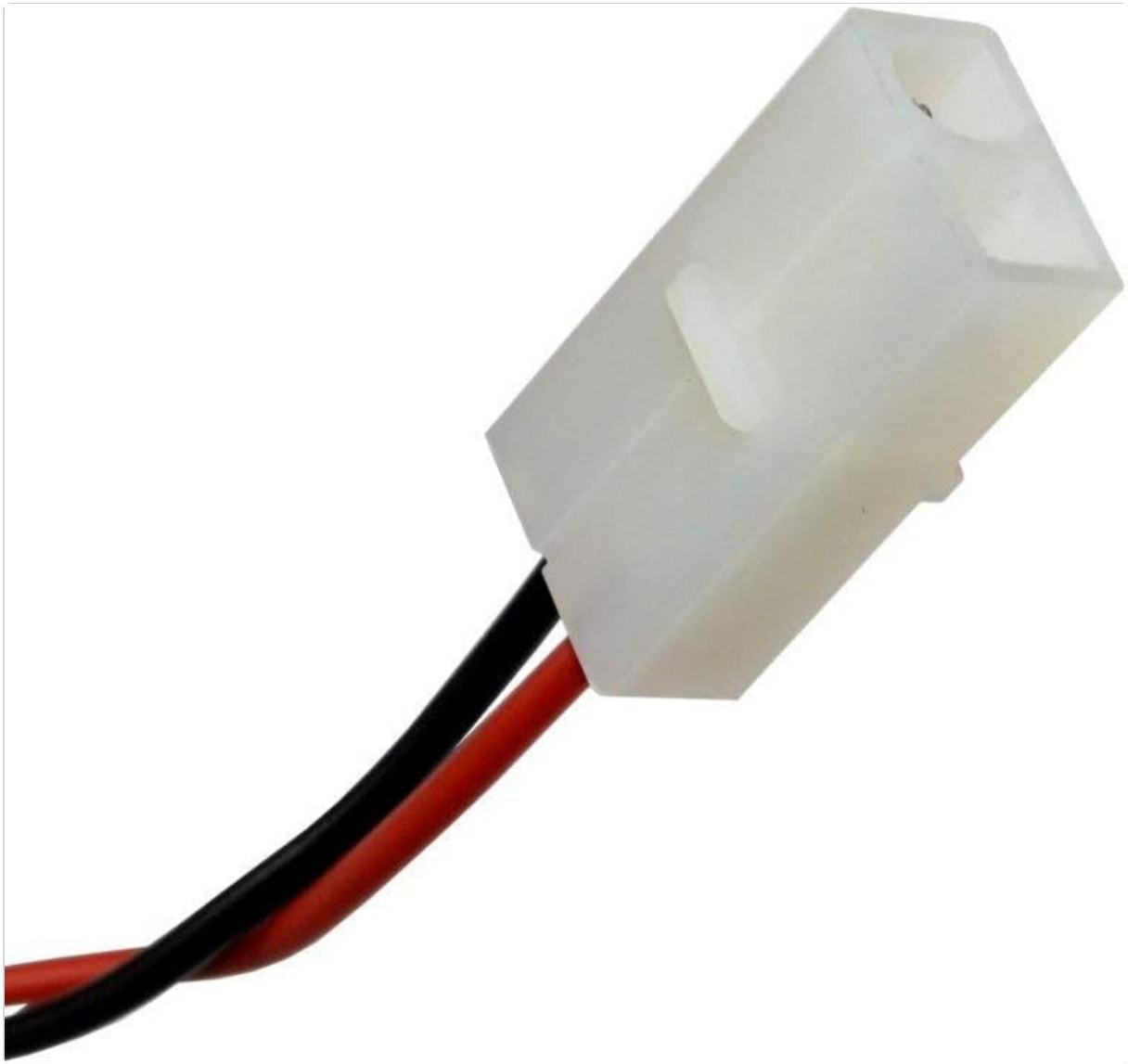


Figure 3: Close-up view of the battery's white connector. This image highlights the two-pin connector which must be correctly aligned with the device's port during installation.

4. OPERATION

4.1 Charging the Battery

Your HQRP Ni-Mh battery should be charged using the charger supplied with your Mac Mentor or PRO Scan Scanner Diagnostic Service Tool. Follow the charging instructions provided in your device's manual.

- Connect your device to its original charger.
- Allow the battery to charge fully for optimal performance and lifespan.
- Avoid overcharging for extended periods once the battery is full.

4.2 General Usage

The HQRP battery is designed to provide reliable power for your diagnostic tool. For best results:

- Operate your device within its recommended temperature range.
- Avoid completely draining the battery frequently, as this can reduce its overall lifespan.

5. MAINTENANCE AND STORAGE

5.1 Cleaning

Keep the battery and its contacts clean. Use a dry, soft cloth to wipe away any dust or debris. Do not use liquid cleaners or solvents.

5.2 Storage

If storing the battery for an extended period:

- Store the battery in a cool, dry place, away from direct sunlight and extreme temperatures.
- Charge the battery to approximately 50% capacity before storage.
- Recharge the battery every 3-6 months to prevent deep discharge, which can damage Ni-Mh cells.

6. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Battery not charging	Loose connection Faulty charger Battery too hot/cold	Ensure battery is securely connected. Test with another charger if available. Allow battery to reach room temperature.
Short operating time	Battery not fully charged Battery degradation High power consumption by device	Ensure full charge before use. Consider battery replacement if significantly degraded. Reduce device usage that consumes high power.
Device not powering on	Battery not installed correctly Battery completely discharged Device issue	Re-install battery, ensuring secure connection. Attempt to charge the battery. Consult your device's manual for device-specific troubleshooting.

If problems persist, please contact HQRP customer support or refer to your device's original manual.

7. SPECIFICATIONS

Feature	Detail
Battery Type	Ni-Mh (Nickel-Metal Hydride)
Voltage	9.6V
Capacity	2200mAh
Compatibility	Mac Mentor 239180, PRO Scan Scanner Diagnostic Service Tool
Model Number	887774404011602
Manufacturer	HQRP



High Quality Cells

Over **1000** charge-discharge cycles
Actual Capacity

(We do not mention overvalued capacity on labels of our batteries
We do not install low quality cells with small capacity and low living cycle)



Safe and Reliable



Long-lasting & Stable Performance

(All our batteries are fully tested on professional equipment after assembly. This process guarantees long service life with consistently high characteristics of our batteries and allows to exclude any defective batteries)

**Buying our batteries you pay for a reliable, high quality product
and your device will operate for a long time.**

Figure 4: Graphic illustrating key features of HQRP batteries, including high-quality cells, over 1000 charge-discharge cycles, actual capacity, safety, reliability, and long-lasting stable performance.

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This HQRP battery comes with a **200-day warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. It does not cover damage caused by misuse, accident, unauthorized modification, or improper installation.

8.2 Customer Support

For technical assistance, warranty claims, or further inquiries, please contact HQRP customer support. You can find more information and contact details on the official HQRP store page:

[Visit the HQRP Store on Amazon](#)

