

NATNO HAC-003

NATNO HAC-003 Internal Battery Replacement for Nintendo Switch (2017/2019 Models)

User Manual

1. INTRODUCTION

This manual provides essential information for the installation and proper use of your NATNO HAC-003 internal battery replacement for the Nintendo Switch console. This battery is designed for Nintendo Switch models from 2017 and 2019 (HAC-001). Please read these instructions carefully before proceeding with the replacement to ensure safe and effective operation.

2. SAFETY INFORMATION

Lithium-ion batteries require careful handling. Please observe the following safety guidelines:

- Do not disassemble, puncture, or modify the battery.
- Avoid exposing the battery to extreme temperatures (high or low), direct sunlight, or fire.
- Do not immerse the battery in water or other liquids.
- If the battery appears damaged, swollen, or leaks, discontinue use immediately and dispose of it properly.
- Keep the battery out of reach of children and pets.
- Dispose of old batteries according to local regulations for electronic waste.

MULTI-PROTECTION



over-charging
protection



short-circuit
protection



over-heat
protection



over-voltage
protection



over-power
protection

Image: NATNO HAC-003 battery highlighting built-in safety protections against short-circuit, over-charge, and high-temperature.

The NATNO HAC-003 battery incorporates an AI chip for multi-protection, safeguarding against over-charging, short-circuit, over-heat, over-voltage, and over-power conditions.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- 1 x NATNO HAC-003 Internal Battery
- 1 x Tri-wing Screwdriver (Y-tip)
- 1 x Phillips Head Screwdriver
- 1 x Plastic Pry Tool
- 1 x Plastic Opening Pick



Image: The NATNO HAC-003 battery replacement kit includes screwdrivers, a plastic pry tool, and an opening pick.

4. SPECIFICATIONS

Part Number	HAC-003
Battery Type	Lithium-ion (Li-ion)
Capacity	4310 mAh
Energy	16 Wh
Voltage	3.7 V
Compatible Console	Nintendo Switch (HAC-001) 2017/2019 Models
Product Dimensions	5.5 x 4.1 x 0.8 inches
Item Weight	3.84 ounces



4310mAh Battery Pack

for Nintendo Switch 2017/2019/OLED



Image: Detailed specifications for the NATNO HAC-003 battery, including part number, capacity, and voltage.

5. INSTALLATION GUIDE

Replacing the internal battery of a Nintendo Switch requires precision and care. If you are not comfortable performing this procedure, it is recommended to seek professional assistance. Improper installation can damage your device.

Required Tools (Included):

- Tri-wing Screwdriver (Y-tip)
- Phillips Head Screwdriver
- Plastic Pry Tool
- Plastic Opening Pick

Preparation:

1. Power off your Nintendo Switch completely. Do not just put it into sleep mode.
2. Disconnect all accessories and cables.
3. Discharge the battery below 25% to reduce the risk of fire if accidentally punctured during removal.
4. Work in a clean, well-lit, and static-free environment.

Step-by-Step Installation:

1. **Remove the Back Cover:** Use the appropriate screwdriver (usually a Tri-wing) to remove the screws securing the back cover of your Nintendo Switch. Carefully pry open the back cover using the plastic pry tool.
2. **Disconnect Battery Connector:** Locate the battery inside the console. Carefully disconnect the battery connector from the motherboard. Use a plastic tool to gently lift the connector.
3. **Remove Old Battery:** The original battery is often secured with adhesive. Carefully and slowly pry the old battery out of its compartment using the plastic pry tool. Avoid bending or puncturing the old battery.
4. **Install New Battery:** Place the new NATNO HAC-003 battery into the compartment. Ensure it fits correctly. If the original battery had adhesive, you may need to re-apply adhesive or use a foam insert to prevent the new battery from moving (adhesive is not included with this replacement battery).
5. **Connect New Battery:** Carefully connect the new battery's connector to the motherboard. Ensure it is seated firmly.
6. **Reassemble Console:** Replace the back cover and secure it with the screws. Do not overtighten.
7. **Initial Charge:** After reassembly, connect your Nintendo Switch to its charger and allow it to charge fully before powering it on.

4310mAh Li-ion Battery Pack

Replacement for Nintendo Switch 2017/2019



Image: The NATNO HAC-003 replacement battery shown in position for installation within a Nintendo Switch console.

6. OPERATING AND CHARGING

After successful installation, follow these guidelines for optimal battery performance:

- **First Use:** For the first charge, allow the battery to charge to 100% without interruption.
- **Charging:** Use the official Nintendo Switch AC adapter or a certified third-party charger. Avoid using unapproved chargers.
- **Battery Calibration:** Occasionally, it is beneficial to fully discharge the battery until the console turns off, then charge it back to 100% to help calibrate the battery meter.
- **Storage:** If storing the console for an extended period, charge the battery to approximately 50-60% to preserve its lifespan. Avoid storing a fully charged or completely depleted battery.

Play Longer , Enjoy More



Image: A Nintendo Switch being used for gaming, demonstrating the benefit of a new battery for extended play sessions.

7. MAINTENANCE

Proper maintenance can extend the life of your battery:

- Keep the console and battery away from extreme heat or cold.
- Avoid physical shocks or drops to the console.
- Ensure the console's ventilation ports are clear to prevent overheating, which can degrade battery performance.

8. TROUBLESHOOTING

If you encounter issues after battery replacement, consider the following:

- **Console Not Powering On:** Ensure the battery connector is securely seated. Try charging the console for at least 30 minutes before attempting to power it on.
- **Battery Not Charging:** Verify that the charging cable and AC adapter are functioning correctly. Check the charging port for any debris. Ensure the battery connector is properly connected.

- **Short Battery Life:** Perform a battery calibration cycle (full discharge then full charge). Check for background applications or excessive screen brightness that might be draining the battery.
- **Battery Moves Inside Console:** If the battery feels loose, you may need to open the console again and secure it with double-sided adhesive tape or a foam pad (not included).

If problems persist, please contact NATNO customer support.

9. WARRANTY AND SUPPORT

NATNO provides the following support for your HAC-003 battery:

- **30 Days Refund Service:** If you are not satisfied with your purchase, you may be eligible for a refund within 30 days.
- **12 Months Exchange Service:** The battery is covered by a 12-month exchange warranty for manufacturing defects.
- **Customer Service:** 24/7 professional customer service is available to assist you with any inquiries or issues.



Image: Icons representing 24/7 customer service, 30-day refund, and 12-month exchange services provided by NATNO.