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› [STARTONG](#) /

› STARTONG 800mAh 3.7V Replacement Battery User Manual for Sennheiser HD 4.40, HD 4.50, Urbanite XL, Momentum 2.0 Headphones

## STARTONG CAN-802540PCN-SH

# STARTONG 800mAh 3.7V Replacement Battery User Manual

For Sennheiser HD 4.40, HD 4.50, Urbanite XL, Momentum 2.0 Wireless Bluetooth Headphones

Model: CAN-802540PCN-SH | Brand: STARTONG

## 1. INTRODUCTION

This manual provides essential information for the safe and effective use of your STARTONG 800mAh 3.7V Li-ion Polymer replacement battery. This battery is specifically designed for compatibility with Sennheiser HD 4.40, HD 4.50, Urbanite XL, and Momentum 2.0 wireless Bluetooth headphones. Please read these instructions carefully before installation and use to ensure optimal performance and safety.

## 2. SAFETY INFORMATION AND CAUTIONS

Your safety is paramount. Please observe the following critical safety guidelines:

- **DO NOT ATTEMPT TO OPEN OR DISASSEMBLE THE BATTERY.** This can lead to internal damage, short circuits, or chemical exposure.
- **DO NOT CRUSH, PUNCTURE, OR DISPOSE OF THE BATTERY IN FIRE OR WATER.** Such actions can cause explosions, fires, or leakage of hazardous materials.
- **DO NOT EXPOSE THE BATTERY TO TEMPERATURES ABOVE 60°C (140°F).** High temperatures can degrade battery performance and pose a safety risk.
- Keep the battery out of reach of children and pets.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.
- Only use the battery with compatible devices as specified.

## 3. PRODUCT COMPATIBILITY

This STARTONG replacement battery is designed for specific Sennheiser headphone models and battery part numbers:

- **Compatible Headphone Models:** Sennheiser HD 4.40, Sennheiser HD 4.50, Sennheiser Urbanite XL, Sennheiser Momentum 2.0 Wireless Bluetooth Headphones.
- **Compatible Battery Part Number:** AHB622540N01.

Ensure your headphone model matches one of the listed compatible models before attempting installation.

## 4. SPECIFICATIONS

Feature	Detail
Battery Type	Li-ion Polymer battery
Capacity	800mAh
Nominal Voltage	3.7V
Pack Dimension	8.0 x 25.5 x 41.0mm
Weight	10g
Working Temperature	Less than 60°C (140°F)
Cycle Life	Over 300 times
Certifications	UL, CE, UN38.3, RoHS

## 5. INSTALLATION INSTRUCTIONS

**Disclaimer:** Battery replacement in headphones typically requires opening the headphone casing. This process may void your headphone's warranty if not performed correctly. Proceed with caution and at your own risk. If you are unsure, seek professional assistance.

**Tools you may need:** Small Phillips head screwdriver, plastic prying tool, tweezers (optional).

- 1. Prepare your workspace:** Ensure you have a clean, well-lit area. Turn off your headphones and disconnect them from any charging cables.
- 2. Locate the battery compartment:** For most Sennheiser HD 4.40, HD 4.50, Urbanite XL, and Momentum 2.0 models, the battery is located within one of the earcups. You may need to gently remove the earpad to access screws or clips. Refer to your headphone's original manual or online guides for specific disassembly instructions for your model.
- 3. Open the earcup:** Carefully use a small screwdriver or plastic prying tool to open the earcup housing. Be gentle to avoid damaging internal components or the casing.
- 4. Disconnect the old battery:** Once the old battery is visible, carefully locate its connector. It will typically be a small white or black plastic plug with thin wires (red, black, yellow/white) leading to the battery. Gently pull the connector straight out from its socket on the circuit board. **Do not pull on the wires.**



Image 1: The STARTONG replacement battery showing its 3-pin connector (white) and colored wires (red, black, yellow). This connector needs to be carefully plugged into the headphone's circuit board.

- 5. Remove the old battery:** The old battery may be secured with adhesive tape. Carefully peel it away

or gently pry it out. Dispose of the old battery responsibly according to local regulations.

6. **Install the new battery:** Place the new STARTONG battery into the compartment. Ensure it fits snugly without bending or forcing. Connect the new battery's plug into the corresponding socket on the circuit board. Ensure the connector is fully seated and oriented correctly.



*Image 2: An angled view of the STARTONG replacement battery, highlighting its compact size and integrated wiring, ready for installation into a headphone earcup.*

7. **Reassemble the headphones:** Carefully close the earcup housing, ensuring all clips or screws are properly secured. Reattach the earpad if it was removed.
8. **Initial Charge:** After installation, fully charge your headphones for several hours before first use.

## 6. OPERATING INSTRUCTIONS

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Once the new battery is installed and fully charged, your headphones should function as expected. The STARTONG battery is designed to provide long working time and reliable power.

- **Charging:** Use the original charging cable and adapter provided with your headphones. Avoid using uncertified chargers.
- **First Use:** For optimal battery calibration, it is recommended to fully charge the battery, then use the headphones until the battery is depleted, and then fully recharge it again.
- **Normal Use:** Charge the battery whenever the headphone's low battery indicator appears. Avoid frequently draining the battery completely to prolong its lifespan.

## 7. MAINTENANCE

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- **Storage:** If storing the headphones for an extended period, ensure the battery is charged to approximately 50-70% capacity. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Keep the headphone's charging port and external surfaces clean. Do not use harsh chemicals or abrasive materials.
- **Temperature:** Avoid exposing your headphones and battery to extreme hot or cold environments, as this can negatively impact battery life and performance.

## 8. TROUBLESHOOTING

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

- **Headphones not turning on:** Ensure the battery connector is securely seated. Re-open the earcup and check the connection.

- **Battery not charging:** Verify that your charging cable and adapter are functional. Ensure the charging port on the headphones is clean and free of debris. Confirm the battery connector is properly installed.
- **Short battery life:** While the battery is new, ensure it has undergone a full initial charge cycle. If the issue persists, re-check the installation. Environmental factors (extreme cold) can also temporarily reduce battery performance.
- **Unusual heat or swelling:** Immediately discontinue use, disconnect the battery if safely possible, and contact customer support. This indicates a potential safety hazard.

## 9. WARRANTY AND SUPPORT

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The STARTONG replacement battery comes with a **180-day warranty** from the date of purchase. This warranty covers manufacturing defects. It does not cover damage caused by improper installation, misuse, accidents, or unauthorized modifications.

For warranty claims or technical support, please contact your retailer or STARTONG customer service with your purchase details.

**Manufacturer:** STARTONG

**Model Number:** CAN-802540PCN-SH