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BCXY CS-BQC2SL

BCXY CS-BQC2SL Replacement Battery for Bose QC20 / QuietComfort 20 - Instruction Manual

1. INTRODUCTION

This instruction manual provides essential information for the safe and effective use of your BCXY CS-BQC2SL replacement battery, designed for Bose QC20 and QuietComfort 20 headphones. Please read this manual thoroughly before installation and use to ensure optimal performance and safety.

2. PRODUCT OVERVIEW

The BCXY CS-BQC2SL is a high-quality Li-Polymer replacement battery engineered to meet the power requirements of your Bose QC20 and QuietComfort 20 headphones. It offers a capacity of 240mAh and operates at 3.7V, providing reliable power for your audio experience.

2.1 Compatible Models and Part Numbers

- **Compatible Headphone Models:** Bose QC20, Bose QuietComfort 20
- **Compatible Battery Part Number:** BOSE PR-452035

2.2 Product Features

- **Capacity:** 240mAh
- **Type:** Li-Polymer
- **Voltage:** 3.7V
- **Dimensions:** 36.30 x 20.20 x 4.60mm
- **Certifications:** ISO9001, RoHS, CE



Image 1: Front view of the BCXY CS-BQC2SL replacement battery, showing model number, capacity, type, and voltage.



Image 2: Angled view of the BCXY CS-BQC2SL replacement battery, highlighting its compact design and wiring.

3. SAFETY INFORMATION

Your safety is paramount. Please adhere to the following warnings and guidelines when handling and using the battery:

- **DO NOT ATTEMPT TO DISASSEMBLE, OPEN OR SERVICE THE BATTERY PACK.**
- **REPLACE ONLY WITH THE BATTERY PACK DESIGNATED FOR THIS PRODUCT.**
- **DO NOT STORE ABOVE 60°C (140°F).**
- **DO NOT CRUSH, PUNCTURE, SHORT EXTERNAL CONTACTS OR DISPOSE OF IN FIRE OR WATER.**
- Keep the battery out of reach of children.
- Avoid exposing the battery to moisture or extreme temperatures.
- If the battery appears damaged, swollen, or leaks, discontinue use immediately and dispose of it properly.

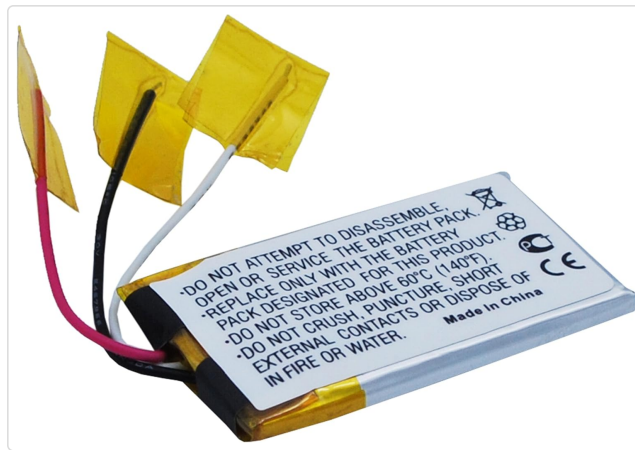


Image 3: Back view of the BCXY CS-BQC2SL battery, clearly displaying important caution and safety warnings.

4. SETUP (INSTALLATION)

Replacing the battery in your Bose QC20 or QuietComfort 20 headphones requires careful handling. If you are not comfortable performing this procedure, it is recommended to seek professional assistance.

4.1 General Installation Steps

1. **Power Off Device:** Ensure your Bose headphones are completely powered off before beginning the replacement process.
2. **Locate Battery Compartment:** Identify the battery compartment or area where the existing battery is housed. This may require disassembling part of the headphone unit.
3. **Disconnect Old Battery:** Carefully disconnect the old battery from its connector. Note the orientation of the wires (red, black, white) for correct re-connection.
4. **Remove Old Battery:** Gently remove the old battery.
5. **Insert New Battery:** Place the new BCXY CS-BQC2SL battery into the compartment.
6. **Connect New Battery:** Connect the new battery's wires to the corresponding connector, ensuring correct polarity (red to positive, black to negative, white for data/thermistor if present).
7. **Secure and Reassemble:** Secure the battery in place and carefully reassemble your headphones.
8. **Initial Charge:** After reassembly, fully charge the new battery before its first use.

Note: Specific disassembly instructions for your Bose QC20/QuietComfort 20 headphones are not provided here. Please refer to device-specific repair guides or videos if needed.

5. OPERATING (CHARGING AND USAGE)

To maximize the performance and lifespan of your new battery, follow these operating guidelines:

5.1 First Use and Charging

- **Initial Charge:** For the first use, fully charge the battery until the device indicates a full charge.
- **Use Original Charger:** Always use the original or a certified compatible charger for your Bose headphones.
- **Avoid Overcharging:** Modern Li-Polymer batteries have protection circuits, but it's good practice to disconnect the charger once the battery is full.

5.2 General Usage

- **Optimal Temperature:** Use the headphones and battery within recommended temperature ranges (typically 0°C to 35°C or 32°F to 95°F).
- **Regular Use:** Li-Polymer batteries benefit from regular use. Avoid leaving them fully discharged or fully charged for extended periods.

6. MAINTENANCE

Proper maintenance can extend the life of your battery:

- **Storage:** If storing the battery for an extended period, charge it to approximately 50-60% and store it in a cool, dry place. Recharge every 3-6 months to prevent deep discharge.
- **Cleaning:** Keep the battery and its contacts clean and free from dust or debris. Use a dry, soft cloth for cleaning.
- **Avoid Physical Damage:** Protect the battery from drops, impacts, and crushing.

7. TROUBLESHOOTING

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

- **Battery Not Charging:**
 - Ensure the charger and charging cable are functioning correctly.
 - Check that the battery is properly connected inside the headphones.
 - Verify that the charging port on your headphones is clean and undamaged.
- **Short Battery Life:**
 - Confirm the battery was fully charged before use.
 - Ensure no background applications or features are excessively draining power.
 - Operating in very cold temperatures can temporarily reduce battery performance.
- **Device Not Powering On:**
 - Ensure the battery is correctly installed and fully charged.
 - Check for any loose connections.

If troubleshooting steps do not resolve the issue, please contact customer support.

8. SPECIFICATIONS

Feature	Specification
Model Number	CS-BQC2SL
Battery Type	Li-Polymer

Feature	Specification
Capacity	240mAh
Voltage	3.7V
Dimensions (L x W x H)	36.30 x 20.20 x 4.60mm (0.8 x 0.18 x 1.43 inches)
Item Weight	2.12 ounces
Compatible Part Number	BOSE PR-452035
Certifications	ISO9001, RoHS, CE
Manufacturer	Cameron Sino

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your BCXY CS-BQC2SL replacement battery, please contact the seller (Anytak) directly through your purchase platform. You may also reach out to the manufacturer, Cameron Sino, for product-related inquiries.

When contacting support, please have your purchase details and the battery model number (CS-BQC2SL) readily available.