BCXY CS-ADL220SL

BCXY Replacement Battery Instruction Manual

For Additel ADT 220, ADT 672, ADT 222A, ADT 223A, ADT 221A Calibrators (Model CS-ADL220SL)

Introduction

This manual provides essential instructions for the safe and effective use of your BCXY CS-ADL220SL replacement battery. This battery is designed for compatibility with various Additel multifunction calibrators, including the ADT 220, ADT 672, ADT 222A, ADT 223A, and ADT 221A models. Please read this manual thoroughly before installation and operation.

Safety Information

- **CAUTION:** Do not attempt to disassemble, open, or service the battery pack.
- Replace only with the battery pack designated for this product.
- Do not crush, puncture, short external contacts, or dispose of in fire or water.
- Do not store above 60°C (140°F).
- To reduce the risk of fire or burns, read instructions in the operating guide before using the battery.

Setup and Installation

Before installing the new battery, ensure your device is powered off and disconnected from any power sources. Refer to your Additel calibrator's original manual for specific instructions on accessing the battery compartment.

1. **Identify Compatible Models:** This battery is compatible with Additel ADT 220, ADT 672, ADT 222A, ADT 223A, and ADT 221A. Verify your device model before proceeding.
2. **Remove Old Battery:** Carefully open the battery compartment of your Additel calibrator and remove the existing battery.
3. **Insert New Battery:** Align the BCXY CS-ADL220SL battery (Part No.: 9702, 9712) with the battery compartment's connectors. Ensure proper orientation as indicated on the battery or device. The image below shows the battery with its label and connection ribbon.
4. **Secure Battery:** Gently push the battery into place until it is securely seated. Close the battery compartment.

5. **Initial Charge:** A new battery pack must be fully charged before its first use. Connect your Additel calibrator to its charger and allow it to charge completely.



Image 1: BCXY CS-ADL220SL Replacement Battery. This image displays the battery pack with its label showing model number CS-ADL220SL, part numbers 9702/9712, and rating 7.4VDC 3200mAh / 23.68Wh. Caution and attention warnings are visible on the label.

Operation

Once installed and fully charged, the battery is ready for use. The BCXY CS-ADL220SL battery is designed to provide reliable power to your compatible Additel calibrator.

- **Power On:** Turn on your Additel calibrator as per its original operating instructions.
- **Monitor Battery Level:** Regularly check the battery level indicator on your calibrator to avoid unexpected power loss during critical operations.
- **Recharging:** Recharge the battery when the device indicates a low battery level.



Image 2: BCXY CS-ADL220SL Battery Side View. This image shows a slightly different angle of the battery, highlighting the connection ribbon extending from one end and the detailed label with specifications and warnings.

Maintenance and Storage

Proper maintenance extends the lifespan of your battery and ensures safe operation.

- **Charging Practices:** Avoid completely draining the battery before recharging. Frequent partial charges are generally better for lithium-polymer batteries than full discharge cycles.
- **Temperature:** Do not expose the battery to extreme temperatures. Avoid storing or operating the device in direct sunlight or very hot environments (above 60°C / 140°F).
- **Cleaning:** If necessary, clean the battery's exterior with a dry, soft cloth. Do not use liquids or abrasive cleaners.
- **Long-Term Storage:** If storing the battery for an extended period, ensure it is charged to approximately 50-60% capacity and stored in a cool, dry place. Recharge it every few months to prevent deep discharge.
- **Disposal:** Dispose of old or damaged batteries according to local regulations. Do not dispose of batteries in household waste or fire.

Troubleshooting

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

- **Battery Not Charging:**
  - Ensure the charger and charging cable are functioning correctly.
  - Verify that the battery is properly seated in the device.
  - Check the device's charging port for any obstructions.
- **Short Battery Life:**
  - Ensure the battery has been fully charged.
  - Check for excessive background processes or high power consumption settings on your calibrator.
  - Extreme temperatures can affect battery performance; operate within recommended temperature ranges.
- **Device Not Powering On:**
  - Confirm the battery is fully charged and correctly installed.
  - If the device still does not power on, the issue may not be battery-related. Consult your calibrator's original manual or manufacturer support.

If problems persist, contact customer support for further assistance.

Specifications

Feature	Specification
Model Number	CS-ADL220SL
Part Numbers	9702, 9712
Battery Type	Lithium-Polymer
Voltage	7.4V
Capacity	3200mAh
Watt-Hours (Wh)	23.68Wh

Feature	Specification
Dimensions (L x W x H)	99.16 x 55.6 x 15.0 mm (3.9 x 2.19 x 0.59 inches)
Weight	188.6g (6.7 ounces)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS
Manufacturer	BCXY

Warranty Information

BCXY batteries are manufactured to strict quality standards and undergo rigorous testing to ensure safe and durable use. This product is covered by a manufacturer's warranty against defects in materials and workmanship under normal use.

- **Warranty Void:** The warranty is void if the battery label is removed, or if the battery has been disassembled, opened, serviced, crushed, punctured, shorted, or exposed to fire or water.
- **Protection:** The battery features overcharge, over-discharge, over-voltage, and short-circuit protection for enhanced battery life and safety.
- **Certifications:** This battery is certificated with ISO9001, RoHS, CE, UN38.3, and MSDS, ensuring compliance with international quality and safety standards.

For specific warranty duration and claims, please refer to your purchase documentation or contact BCXY customer support.

Customer Support

For any questions, concerns, or assistance regarding your BCXY replacement battery, please contact our customer support team.

- **General Inquiries:** If you are unsure about compatibility or have detailed questions, you can send an email with your battery details or pictures for professional suggestions.
- **Online Resources:** Visit the official BCXY store for additional product information and support resources: BCXY Store on Amazon.

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