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BCXY CS-LS3900SL

BCXY Replacement Battery User Manual

Model: CS-LS3900SL

1. Introduction

This manual provides essential information for the safe and effective use of your BCXY Replacement Battery, model CS-LS3900SL. This battery is designed as a compatible replacement for various Laser Alignment devices, including models 3900, 3920, 550634, LB-1, and LB-2. Please read this manual thoroughly before initial use and retain it for future reference.

Key Features:

- **Capacity:** 5000mAh
- **Type:** Ni-MH (Nickel-Metal Hydride)
- **Voltage:** 4.8V
- **Dimensions:** Approximately 120.15 x 64.77 x 32.59mm
- **Certifications:** ISO9001, RoHS, CE for quality and safety assurance

2. Setup and Installation

2.1 Initial Charging

Before first use, it is recommended to fully charge the battery. Connect the battery to a compatible charger designed for Ni-MH batteries. Refer to your device's original manual or charger instructions for specific charging times. A full charge typically takes several hours.

2.2 Battery Installation

1. Ensure your Laser Alignment device is powered off and disconnected from any power source.
2. Locate the battery compartment on your device. Refer to your device's manual for exact location and opening instructions.
3. Carefully insert the BCXY replacement battery into the compartment, ensuring the connector aligns correctly with the device's port. Do not force the connection.
4. Close the battery compartment securely.



Figure 1: BCXY Replacement Battery. This image shows the yellow battery pack with a label on top, indicating its model and specifications.

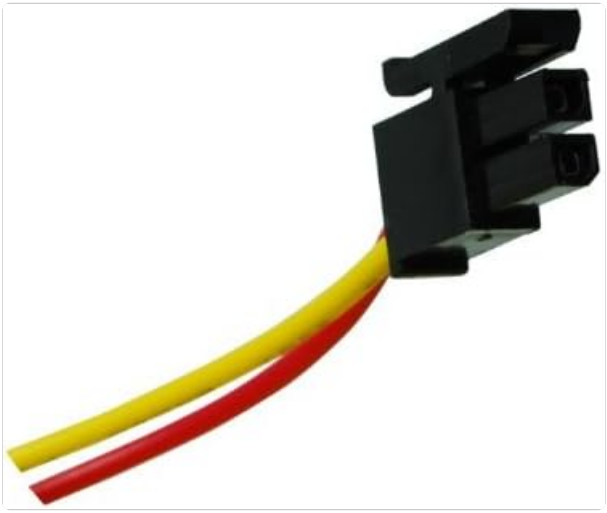


Figure 2: Battery Connector. This image displays the black plastic connector with red and yellow wires, which connects the battery to the device.

2.3 Safety Precautions

- Use only compatible chargers.
- Do not expose the battery to extreme temperatures, direct sunlight, or moisture.
- Do not disassemble, puncture, or short-circuit the battery.
- Keep out of reach of children.

3. Operating Instructions

3.1 General Use

Once installed and fully charged, the battery powers your Laser Alignment device as per its original specifications. Operate your device according to its manufacturer's instructions.

3.2 Charging

Recharge the battery when your device indicates low power or when performance diminishes. Ni-MH batteries do not suffer from a significant "memory effect" like older Ni-Cd batteries, but regular full discharge and recharge cycles can help maintain optimal capacity over time.

3.3 Discharging

It is generally beneficial for Ni-MH batteries to be used until they are nearly depleted before recharging. Avoid frequent partial

discharges and recharges if possible, as this can reduce overall battery life.

4. Maintenance

4.1 Storage

For long-term storage, store the battery in a cool, dry place, ideally at room temperature (20-25°C or 68-77°F). Store the battery with approximately 50% charge. Avoid storing fully charged or fully discharged batteries for extended periods, as this can degrade performance.

4.2 Cleaning

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

4.3 Battery Care Tips

- Avoid overcharging: While modern chargers often have protection, prolonged overcharging can reduce battery life.
- Avoid deep discharge: Do not allow the battery to remain fully discharged for extended periods.
- Recycle properly: When the battery reaches the end of its life, dispose of it according to local regulations for battery recycling. Do not discard with household waste.

5. Troubleshooting

5.1 Battery Not Charging

- **Check connections:** Ensure the battery is properly seated in the device or charger and all cables are securely connected.
- **Verify charger:** Confirm that the charger is functional and compatible with Ni-MH batteries.
- **Temperature:** Ensure the battery is not too hot or too cold, as this can prevent charging. Allow it to return to room temperature.

5.2 Short Operating Time

- **Full charge:** Ensure the battery is fully charged before use.
- **Battery age:** All rechargeable batteries degrade over time. If the battery is old, its capacity may have diminished.
- **Device power consumption:** High power consumption by the device can lead to shorter runtimes.

5.3 Device Not Powering On

- **Battery charge:** Confirm the battery has sufficient charge.
- **Installation:** Re-check that the battery is correctly installed and the connector is secure.
- **Device issue:** If the battery is charged and correctly installed, the issue might be with the device itself.

6. Specifications

Attribute	Value
Model Number	CS-LS3900SL
Battery Type	Ni-MH (Nickel-Metal Hydride)
Voltage	4.8 Volts

Capacity	5000 mAh (Milliampere Hour)
Dimensions	120.15 x 64.77 x 32.59 mm (approx. 4.73 x 2.55 x 1.28 inches)
Compatible Devices	LASER ALIGNMENT 3900, 3920, 550634, LB-1, LB-2
Compatible Part Numbers	LASER ALIGNMENT 0667-01, 550634
Certifications	ISO9001, RoHS, CE

7. Warranty Information

Specific warranty terms for this BCXY replacement battery may vary depending on the retailer and region of purchase. Please refer to your purchase documentation or contact the seller directly for detailed warranty information. Typically, replacement batteries come with a limited warranty covering manufacturing defects.

8. Support

For technical assistance, troubleshooting beyond the scope of this manual, or inquiries regarding your BCXY replacement battery, please contact the retailer from whom you purchased the product. You may also visit the official BCXY brand store on Amazon for additional product information and support resources.
BCXY Store Link: Visit the BCXY Store on Amazon

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