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BCXY CS-GFL550XL

BCXY Battery Replacement for Geo-Fennel Rotationslaser FL 500 / FLG 500 / FL 550 (Model CS-GFL550XL) User Manual

Model: CS-GFL550XL | Part No: 10-05507

1. Introduction

This manual provides essential instructions for the safe and effective use, installation, and maintenance of your BCXY replacement battery, model CS-GFL550XL. This battery is designed for compatibility with Geo-Fennel Rotationslaser models FL 500, FLG 500, and FL 550. Please read this manual thoroughly before use and retain it for future reference.

2. Safety Information

Always observe the following safety precautions to prevent injury or damage to the battery and device:

- Do not disassemble, crush, puncture, or short-circuit the battery.
- Do not expose the battery to high temperatures (above 60°C / 140°F) or direct sunlight.
- Do not dispose of the battery in fire or water.
- Keep the battery away from children and pets.
- Use only the specified charger for the Geo-Fennel device.
- If the battery shows signs of damage, swelling, or leakage, discontinue use immediately and dispose of it properly.
- Recycle used batteries according to local regulations.

3. Product Overview

The BCXY CS-GFL550XL is a high-quality Lithium-Ion replacement battery engineered to meet the specifications of the original Geo-Fennel Rotationslaser batteries. It features built-in protection against overcharge, over-discharge, over-voltage, and short-circuiting to ensure safe and reliable operation.



Figure 1: Top view of the BCXY CS-GFL550XL battery, displaying its label with key specifications.



Figure 2: Side view of the BCXY CS-GFL550XL battery, highlighting its physical design and connection interface.



Figure 3: Bottom view of the BCXY CS-GFL550XL battery, illustrating the contact terminals for device connection.

4. Setup and Installation

Follow these steps to install the replacement battery into your Geo-Fennel Rotationslaser:

1. **Power Off Device:** Ensure your Geo-Fennel Rotationslaser is completely powered off before attempting battery replacement.
2. **Locate Battery Compartment:** Identify the battery compartment on your Geo-Fennel device. Refer to your device's original manual if unsure.
3. **Remove Old Battery:** Carefully open the compartment and remove the existing battery. Note its orientation.
4. **Insert New Battery:** Insert the BCXY CS-GFL550XL battery into the compartment, ensuring it is correctly oriented and securely seated. The battery should click into place or fit snugly.
5. **Close Compartment:** Close the battery compartment cover firmly.
6. **Initial Charge:** It is recommended to fully charge the new battery before its first use. Connect your Geo-Fennel device to its charger and allow it to charge until the charging indicator shows full capacity.

5. Operating Instructions

Once the battery is installed and fully charged, your Geo-Fennel Rotationslaser is ready for operation. The battery functions identically to the original, providing power for your device's intended use.

- **Power On/Off:** Operate your device as per its original instruction manual.
- **Battery Level Monitoring:** Monitor the battery level indicator on your Geo-Fennel device to determine when

recharging is necessary.

- **Recharging:** When the battery level is low, connect the device to its compatible charger. The battery is designed for efficient recharging.

6. Maintenance and Storage

Proper maintenance and storage will extend the life of your BCXY battery:

- **Regular Charging:** Avoid completely draining the battery frequently. Recharge it before it reaches critically low levels.
- **Storage:** If storing the battery for an extended period, charge it to approximately 50-70% capacity. Store in a cool, dry place away from direct sunlight and extreme temperatures.
- **Cleaning:** Keep the battery contacts clean. Use a dry, soft cloth to wipe away any dust or debris.
- **Avoid Extreme Temperatures:** Do not expose the battery to temperatures below 0°C (32°F) or above 45°C (113°F) for prolonged periods, as this can degrade performance and lifespan.

7. Troubleshooting

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

Problem	Possible Cause	Solution
Device does not power on after battery installation.	Battery not properly seated; Battery not charged; Battery contacts are dirty.	Re-install the battery, ensuring a secure connection. Charge the battery fully. Clean battery contacts with a dry cloth.
Battery does not charge.	Charger malfunction; Battery not properly connected to charger; Battery fault.	Verify the charger is working with another battery or device. Ensure the battery is correctly inserted into the charger. If issues persist, contact support.
Short operating time after full charge.	Battery degradation (normal wear and tear); High power consumption by device.	Ensure the device is not running power-intensive applications unnecessarily. If the battery is old, consider replacement.

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

8. Specifications

Feature	Detail
Model Number	CS-GFL550XL
Part Number	10-05507
Battery Type	Lithium Ion
Voltage	3.7V
Capacity	13600mAh
Watt-Hours (Wh)	50.32Wh

Feature	Detail
Dimensions (L x W x H)	121.9 x 73.85 x 35.0 mm (4.8 x 2.91 x 1.38 inches)
Weight	470 g (16.58 oz)
Certifications	ISO9001, RoHS, CE, UN38.3, MSDS
Compatible Devices	Geo-Fennel Rotationslaser FL 500, FLG 500, FL 550

9. Warranty and Support

BCXY batteries are manufactured to high standards and come with a standard warranty. For specific warranty details, please refer to the product packaging or contact BCXY customer support.
For technical assistance, troubleshooting, or warranty claims, please contact BCXY customer support through the retailer where the product was purchased or visit the official BCXY website.

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