Sargent & Greenleaf 6120

Sargent & Greenleaf 6120 Electronic Safe Lock User Manual

Model: 6120

1. Introduction

The Sargent & Greenleaf 6120 Electronic Safe Lock offers a secure and convenient solution for accessing your safe. This lock features a one-step operation, requiring only a code entry to unlock, eliminating the need for traditional dial manipulation. It automatically relocks when the safe door is closed and the handle is turned, preventing accidental day-locking. Users can change codes at any time directly from the keypad. The system is designed to deter unauthorized access through a penalty lockout feature that activates after multiple incorrect code entries. Its flexible interface allows for integration with security and alarm systems, and CCTV, especially when utilizing the optional bolt position indicator.



Figure 1.1: Overview of the Sargent & Greenleaf 6120 Electronic Safe Lock, showing both the keypad and the internal lock mechanism.

2. Safety Information

Please read and understand all safety instructions before installing or operating the Sargent & Greenleaf 6120 Electronic Safe Lock. Failure to follow these instructions may result in property damage or injury.

- **Battery Safety:** While batteries are not included with the lock, proper battery installation and maintenance are crucial. Use only high-quality alkaline batteries. Replace batteries promptly when low to avoid corrosion or operational issues. Leaky batteries can damage the lock's internal components.
- **Penalty Lockout:** The lock features a penalty lockout mechanism. If four or more incorrect codes are entered consecutively, the lock will shut down for five minutes. Do not attempt to force entry during this period.
- **Master Reset Code:** Be aware that some locks may come with a pre-programmed Master Reset Code. It is critical to understand if your specific lock has such a code and to manage its security. If a Master Reset Code exists and is not changed from its default (e.g., 123456#) after installation, it could potentially compromise the security of your safe. Consult the manufacturer's specific instructions regarding master codes and their management.
- **Professional Installation:** For optimal security and functionality, professional installation by a qualified locksmith or safe technician is highly recommended.

3. Package Contents

Before beginning installation, verify that all components are present and undamaged:

- Sargent & Greenleaf 6120 Electronic Safe Lock Keypad
- Sargent & Greenleaf 6120 Electronic Safe Lock Mechanism
- Mounting Hardware (screws, cables, etc.)
- User Manual (this document)

4. Setup and Installation

Installation of the Sargent & Greenleaf 6120 Electronic Safe Lock typically involves replacing an existing lock or installing on a new safe. The design is often identical or very similar to previous models, allowing for a straightforward replacement process.

4.1. Pre-Installation Checks

- Ensure the safe door is open and secured before beginning any work.
- Confirm the new lock's dimensions and mounting pattern match your safe's requirements.
- Have necessary tools ready, such as screwdrivers and a multimeter (for checking battery voltage if applicable).

4.2. Installation Steps

1. **Remove Old Lock (if applicable):** Carefully remove the existing lock mechanism and keypad from the safe door, disconnecting any wires.
2. **Mount New Lock Mechanism:** Position the new Sargent & Greenleaf 6120 lock mechanism inside the safe door, aligning it with the existing mounting holes. Secure it using the provided mounting hardware. Ensure the bolt extends and retracts smoothly.
3. **Connect Keypad Cable:** Route the keypad cable through the safe door to the exterior. Connect the cable to the lock mechanism's port.
4. **Mount Keypad:** Attach the keypad to the exterior of the safe door, ensuring the cable is not pinched. Secure it with the appropriate screws.
5. **Install Batteries:** Insert new, high-quality alkaline batteries into the designated battery compartment, typically located within the keypad or a separate battery pack. Observe correct polarity.

6. **Test Operation:** With the safe door open, enter the default master code (refer to the specific instructions included with your lock for the default code, often 123456#). Verify that the lock bolt retracts. Close the safe door and test the locking and unlocking function several times before securing any valuables.

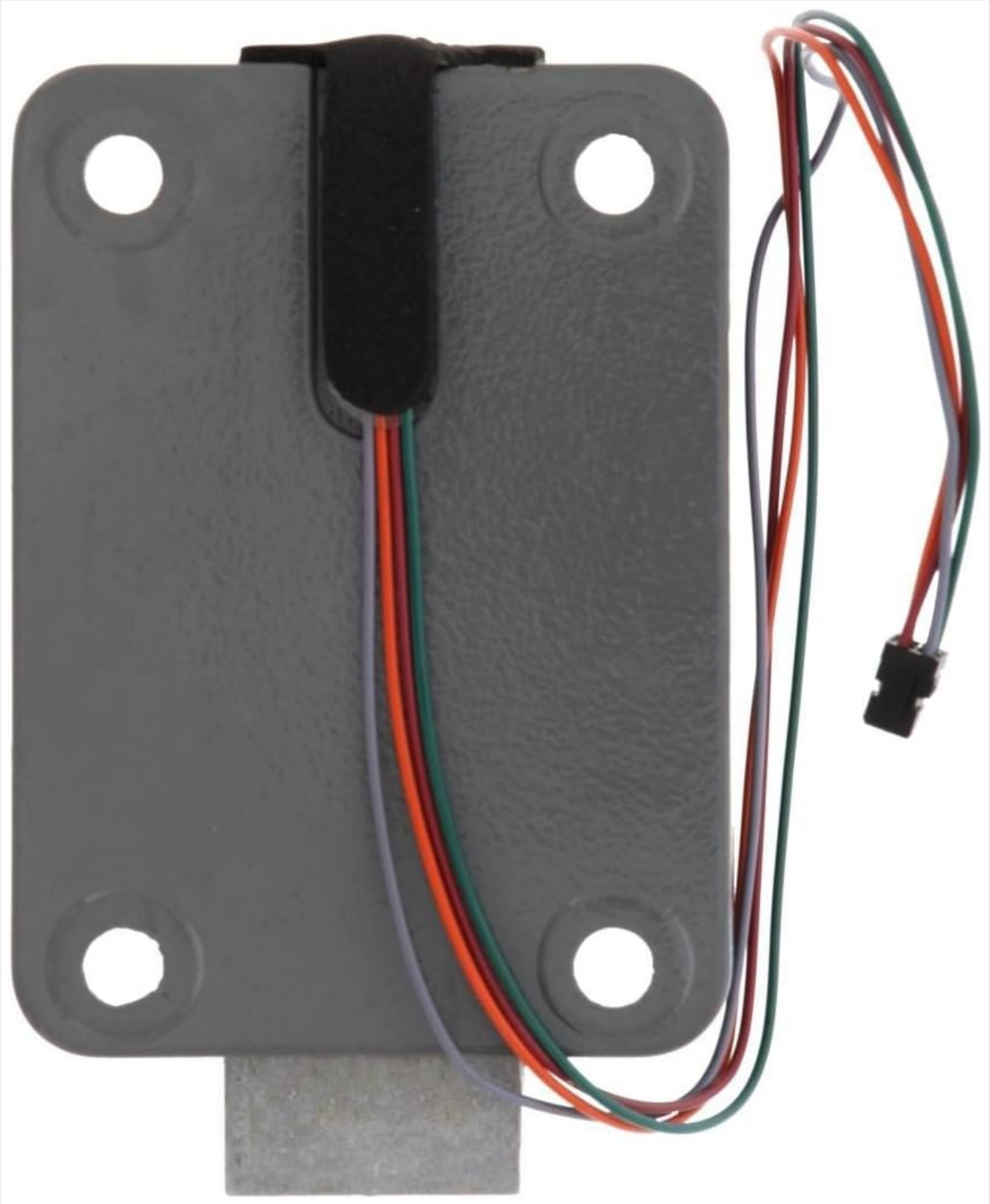


Figure 4.1: The internal lock mechanism of the Sargent & Greenleaf 6120, showing the bolt and wiring connections.

5. Operating Instructions

The Sargent & Greenleaf 6120 Electronic Safe Lock is designed for straightforward operation, offering both a master code and up to eight user codes for flexible access control.

5.1. Opening the Lock

1. Ensure the safe door is closed and the handle is in the locked position.
2. Enter your valid 6-digit code on the keypad.
3. Press the **#** key.
4. The lock will emit a series of beeps, and the bolt will retract.
5. Within 4 seconds, turn the safe handle to open the door.

5.2. Closing and Locking the Lock

The lock automatically relocks when the safe door is closed and the handle is turned to the locked position. No code entry is required to lock the safe.

5.3. Changing User Codes

The lock allows for easy code changes directly from the keypad. Refer to the detailed programming instructions provided with your specific lock for the exact sequence to change the master code and user codes. Generally, the process involves entering the current code, followed by a specific programming sequence, and then entering the new code twice.



Figure 5.1: The keypad of the Sargent & Greenleaf 6120 Electronic Safe Lock, used for code entry and programming.

6. Maintenance

Proper maintenance ensures the longevity and reliable operation of your Sargent & Greenleaf 6120 Electronic Safe Lock.

- **Battery Replacement:** Replace batteries annually or immediately if the keypad indicates low power (e.g., dim lights, inconsistent beeps). Always use new, high-quality alkaline batteries. Avoid mixing old and new batteries or different battery types.
- **Cleaning:** Clean the keypad surface with a soft, dry cloth. Do not use abrasive cleaners, solvents, or excessive moisture, as these can damage the electronic components.
- **Environmental Conditions:** Ensure the lock is not exposed to extreme temperatures, high humidity, or direct water contact, which can impair its function.

7. Troubleshooting

If you encounter issues with your Sargent & Greenleaf 6120 Electronic Safe Lock, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock does not respond to keypad entry.	Dead or low batteries.	Replace batteries with new, high-quality alkaline batteries.
Lock beeps rapidly or gives error tone after code entry.	Incorrect code entered.	Re-enter the correct code carefully. Ensure no keys are stuck.
Lock enters penalty lockout mode (no response for 5 minutes).	Four or more incorrect codes entered consecutively.	Wait for the 5-minute lockout period to expire before attempting to enter the code again.
Lock bolt does not retract after correct code entry.	Mechanical obstruction or internal lock malfunction.	Ensure nothing is obstructing the bolt. If the issue persists, contact a qualified locksmith or Sargent & Greenleaf customer support.
Keypad feels loose or unresponsive.	Loose mounting screws or damaged cable.	Check and tighten keypad mounting screws. Inspect the cable for damage. If damaged, professional repair or replacement is needed.

8. Specifications

Key technical specifications for the Sargent & Greenleaf 6120 Electronic Safe Lock:

- **Brand:** Sargent & Greenleaf
- **Model Number:** 6120
- **Lock Type:** Electronic
- **Material:** Metal
- **Finish:** Satin Chrome
- **Item Weight:** Approximately 3.5 pounds
- **Special Features:** Alarm, Keyless operation
- **Control Method:** Touch (keypad)
- **Number of Codes:** One master code, eight user codes
- **Security Features:** Penalty lockout (5 minutes after 4+ incorrect entries), UL Listed

9. Warranty and Support

For information regarding the warranty coverage for your Sargent & Greenleaf 6120 Electronic Safe Lock, please refer to the warranty card included with your purchase or visit the official Sargent & Greenleaf website. Warranty terms and conditions may vary.

If you require technical assistance, have questions about installation, or need to report a malfunction, please contact Sargent & Greenleaf customer support. Contact details can typically be found on their official website or in the product packaging.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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