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SECURAM BSL-0601

SECURAM BSL-0601 Biometric Safe Lock User Manual

Model: BSL-0601 (FPC-0608-CH)

1. INTRODUCTION

Thank you for choosing the SECURAM BSL-0601 Biometric Safe Lock. This manual provides essential information for the proper installation, operation, and maintenance of your new biometric safe lock. The BSL-0601 features patented OneTouch™ Auto Fingerprint Verification, ensuring secure and convenient access to your safe. Its unique self-learning function enhances ease of operation by reducing the False Rejection Rate over time. Designed for efficiency, it operates on a single 9V battery and includes a low battery alert system. The lock is equipped with a UL approved heavy-duty EL-0601 Electronic Swing Bolt Actuator and offers programmable time delay and time window features for enhanced security management.

2. SAFETY INFORMATION

- Always ensure the safe door is open during initial setup and programming to prevent accidental lockout.
- Use only high-quality 9V alkaline batteries. Do not mix old and new batteries, or different types of batteries.
- Keep your fingerprints and access codes confidential.
- Do not expose the lock to extreme temperatures or moisture.
- The EL-0601 Electronic Swing Bolt Actuator is UL approved, indicating compliance with specific safety and performance standards.

3. PRODUCT OVERVIEW

3.1 Key Features

- **Biometric Locking:** Keyless access with fingerprint recognition for enhanced security.
- **OneTouch™ Auto Fingerprint Verification:** Fast 1-second fingerprint access.
- **Self-Learning Function:** Unique feature that reduces False Rejection Rate over time.
- **Mechanical Knob Control:** Hand-operated knob for easy access and control.
- **Battery Saving Design:** Operates on one 9V battery with a low battery alert.
- **UL Approved Actuator:** Heavy-duty EL-0601 Electronic Swing Bolt Actuator.

- **Programmable Security:** Features 0-99 minutes time delay and 0-20 minutes time window.
- **Wrong Entry Lock-out:** Penalty for incorrect password entries.
- **Durable Construction:** Metal construction with a chrome finish for a modern style.

3.2 Components



Image 3.2.1: BSL-0601 Keypad and EL-0601 Lock Body

This image displays the SECURAM BSL-0601 biometric keypad on the left and the EL-0601 electronic swing bolt lock body on the right. The keypad features a numerical layout with a fingerprint scanner at the top, while the lock body shows its mounting points and the swing bolt mechanism.



Image 3.2.2: BSL-0601 Biometric Keypad

A close-up view of the SECURAM BSL-0601 biometric keypad, highlighting the numerical buttons and the fingerprint sensor.

The image also includes a label indicating 'EMP TESTED PASSED!', signifying its resistance to electromagnetic pulses.

- **Biometric Keypad (FPC-1808 Entypad):** The primary interface for fingerprint and code entry.
- **Electronic Swing Bolt Lock Body (EL-0601):** The mechanical component that secures the safe door.
- **Battery:** One 9V alkaline battery (not included).
- **Mounting Hardware:** Screws and other components for installation (typically included with the safe or lock kit).

4. SETUP

4.1 Battery Installation

1. Locate the battery compartment, typically on the underside or rear of the keypad.
2. Release the lever or slide the cover to open the compartment.
3. Insert a new 9V alkaline battery, ensuring correct polarity.
4. Close the battery compartment securely.
5. The lock will typically emit a beep or light up to indicate successful battery installation.

4.2 Initial Programming and User Enrollment

The SECURAM BSL-0601 supports up to 3 user codes, with each code allowing for 5 associated fingerprints, totaling 15 fingerprints. It is crucial to perform initial programming with the safe door open.

1. **Change the Default Reset Code:** The very first step is to change the factory default reset code to a personal administrator code. Refer to the detailed programming instructions provided with your lock for the specific sequence.
2. **Enroll Administrator Fingerprint:** Using the newly set administrator code, enroll the primary user's fingerprint(s). The system will guide you through placing your finger on the sensor multiple times for accurate registration.
3. **Add User Codes and Fingerprints:** Follow the programming instructions to add additional user codes and their associated fingerprints. An administrator fingerprint or code is required to add new users.
4. **Set Time Delay (Optional):** If desired, program a time delay (0-99 minutes) and a time window (0-20 minutes) for added security. This feature prevents immediate access after entering a code or scanning a fingerprint.
5. **Test Operation:** After programming, test all enrolled fingerprints and codes multiple times with the safe door open to ensure they function correctly before closing the safe.

ScanLogic Basic

SecuRam. Reliable. Innovative. Trusted.



FPC-1808 Entrypad
Matte Black



EL-0601
SwingBolt Lock Body

Works with these Lock Bodies also:



DeadBolt



SpringBolt



StrikeBolt

SecuRam® is the registered trademark of SecuRam Systems Inc.

ScanLogic Basic – Biometric Safe Lock

The ScanLogic Basic is a very reliable and robust biometric safe lock system ideal for Home safe, Gun safe and light commercial applications. The ScanLogic Basic features SecuRam's polycarbonate housing and an RF fingerprint sensor.

Simple to Use. Reliable.

- Simply place your enrolled finger on the sensor and turn the safe handle. That's it.
- For code access, simply enter your 6 digit code
- ScanLogic Basic supports 3 codes and 5 associated fingerprints per code for a total of 15 fingerprints
- Every SecuRam lock undergoes a **2,000 cycle** quality management program before it leaves the manufacturing facility. Unprecedented commitment to quality and reliability.

Features

- Fast 1 second fingerprint access, sensor quickly reads your fingerprint in any position and automatically unlocks
- Enroll up to (15) Fingerprints
- Administrator fingerprint or code is used to add new fingerprints
- Uses active RF sensor for fast authentication and reliable service
- Audible beeps and green/red light indicators makes programming easy
- 4,000+ openings on a 9 Volt battery (AC Power optional)
- Standard footprint and mounting pattern, easy retrofit for any mechanical or electronic safe lock
- Changing the battery is easy with our SureLock Battery Management system. Release the lever and pull down on battery compartment.
- Finishes available:
Matte Black

Can be paired with any other SecuRam motorized safe lock bodies.

Part#: FPC-1808-II-xx

Select your Lock Body:

| | |
|------------|---------|
| SwingBolt | EL-0601 |
| DeadBolt | EL-0701 |
| SpringBolt | EL-0801 |
| StrikeBolt | EL-0901 |

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Security Expert Since 1991

SECURAM

Image 4.2.1: ScanLogic Basic Overview

This document provides a summary of the ScanLogic Basic Biometric Safe Lock, which includes the BSL-0601 keypad. It details features such as fast 1-second fingerprint access, support for up to 15 fingerprints, 3 codes, battery operation, UL approval, and compatibility with various lock bodies (SwingBolt, DeadBolt, SpringBolt, StrikeBolt).

5. OPERATING INSTRUCTIONS

5.1 Opening with Fingerprint

- Place an enrolled finger flat on the fingerprint sensor located at the top of the keypad.

2. Hold your finger steadily for approximately 1 second.
3. The lock will emit a beep and/or a green light will illuminate, indicating successful verification.
4. Rotate the safe handle to open the door.

5.2 Opening with Code

1. Enter your 6-digit access code using the numerical keypad.
2. The lock will emit a beep and/or a green light will illuminate upon successful code entry.
3. Rotate the safe handle to open the door.

5.3 Locking the Safe

To lock the safe, simply close the safe door and rotate the handle to the locked position. The BSL-0601 automatically engages the locking mechanism when the handle is rotated, eliminating the need for additional button presses.

5.4 Time Delay and Time Window

If programmed, the time delay feature will prevent the safe from opening immediately after a successful code or fingerprint entry. During the delay period, the lock will remain engaged. Once the delay period expires, a time window will activate, during which the safe can be opened. If the safe is not opened within the time window, the lock will re-engage, and the access process must be repeated.

6. MAINTENANCE

6.1 Battery Replacement

The BSL-0601 features a low battery alert. When the battery is low, the lock will indicate this through specific beeps or light patterns (refer to your lock's specific signals). Replace the battery promptly to avoid lockout. Follow the steps outlined in Section 4.1 for battery installation.

6.2 Cleaning

To clean the keypad and fingerprint sensor, use a soft, dry cloth. Avoid using abrasive cleaners, solvents, or excessive moisture, as these can damage the electronic components and finish.

7. TROUBLESHOOTING

- **Lock does not respond:** Check battery level. Replace with a new 9V alkaline battery if necessary. Ensure battery is installed with correct polarity.
- **Fingerprint not recognized:** Ensure your finger is clean and dry. Place your entire finger pad flat on the sensor. Try re-enrolling your fingerprint if issues persist. The self-learning function improves recognition over time.
- **Code not accepted:** Ensure you are entering the correct 6-digit code. If multiple incorrect entries occur, the lock may enter a penalty lockout period. Wait for the lockout period to expire before trying again.
- **Safe will not open after successful entry:** Check if a time delay or time window is active. Ensure the safe handle is fully rotated to engage the bolt. If the mechanical bolt mechanism feels stiff, it might require adjustment or lubrication by a qualified technician.
- **Lock mechanism failure:** In rare cases, the electronic locking mechanism may fail. If the lock becomes unresponsive even after battery replacement and troubleshooting, contact SECURAM customer support or a certified safe technician. Avoid attempting to force the safe open, as this can cause further damage.

8. SPECIFICATIONS

| Feature | Specification |
|------------------------|---|
| Brand | SECURAM |
| Model Number | BSL-0601 (FPC-0608-CH) |
| Lock Type | Biometric, Keyless |
| Special Features | Fingerprint Recognition, Time Delay, Time Window, Low Battery Alert |
| Actuator | UL Approved EL-0601 Electronic Swing Bolt Actuator |
| Power Source | One 9V Alkaline Battery (not included) |
| Fingerprint Capacity | Up to 15 (5 per code, 3 codes total) |
| Code Length | 6 Digits |
| Time Delay | 0-99 Minutes (Programmable) |
| Time Window | 0-20 Minutes (Programmable) |
| Dimensions (L x W x H) | 4 x 6 x 3 inches (Product) |
| Item Weight | 2 pounds |
| Finish | Chrome Finish |
| Recommended Uses | Home, Office, Cabinet or Furniture Security |

9. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the documentation included with your purchase or visit the official SECURAM website. Warranty terms typically cover manufacturing defects for a specified period.

If you encounter any issues that cannot be resolved using the troubleshooting guide, or require technical assistance, please contact SECURAM customer support. Contact information can usually be found on the SECURAM website or on your product packaging.

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Related Documents - BSL-0601



[SECURAM ScanLogic D22 Biometric Safe Lock - Features & Specifications](#)

Detailed information on the SECURAM ScanLogic D22 biometric safe lock, including its advanced features, technical specifications, compatibility with various lock bodies, and part number. Designed for commercial environments, it offers fingerprint authentication and robust security.



[SECURAM ScanLogic Basic Biometric Safe Lock - Features and Specifications](#)

Explore the SECURAM ScanLogic Basic, a reliable biometric safe lock system designed for home, gun safes, and light commercial applications. This document details its features, ease of use, security capabilities, and technical specifications, including dimensions for various bolt types.



[SECURAM Wi-Fi Safe Lock Operation Manual](#)

Official operation manual for the SECURAM Wi-Fi Safe Lock, covering installation, setup, user management, security features, and technical specifications for enhanced safe security.



[SECURAM Safe Locks Catalog - Secure Your Valuables](#)

Explore the comprehensive SECURAM Safe Locks Catalog featuring a wide range of electronic and mechanical safe locks. Discover models like SafeLogic Stealth, ProLogic series, ScanLogic series, and more, designed for residential, commercial, and high-security applications. Learn about features, specifications, and advanced security solutions.



[ProLogic E66 Operation Instructions Manual](#)

Comprehensive operation manual for the SECURAM ProLogic E66 digital safe lock system, covering installation, configuration, user management, and advanced features.



[SECURAM ProLogic L01 Safe Lock - Reliable Electronic Keypad Lock](#)

Explore the SECURAM ProLogic L01, a reliable and robust electronic safe lock. This document details its features, including a stainless steel construction, OLED screen, easy keypad programming, multiple user codes, and security functions. Technical specifications and dimensional diagrams are provided for the ProLogic L01 safe lock system.