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## Seco-Larm SK-B241-PQ

# Seco-Larm SK-B241-PQ Enforcer Bluetooth Access Controller Mullion Keypad User Manual

Model: SK-B241-PQ

## INTRODUCTION

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This manual provides detailed instructions for the installation, setup, operation, and maintenance of the Seco-Larm SK-B241-PQ Enforcer Bluetooth Access Controller Mullion Keypad with Proximity Reader. Please read this manual thoroughly before using the device to ensure proper functionality and safety.

## PRODUCT FEATURES

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- Intuitive, visual app-based programming and management for up to 1,000 users.
- Multiple user types: Permanent, scheduled, temporary, and limited number of uses.
- Secure integrated Bluetooth with passcode protection and AES 128 encryption.
- Three access methods: Keypad, proximity card, or the SL Access mobile application.
- Easy backup/restore functionality for user data.
- Configurable wrong-code lockout and tamper alarm output.
- Supports 12-24V AC/DC universal power.
- IP65 Weatherproof rating.

## PACKAGE CONTENTS

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Verify that all components are present before beginning installation:

- Seco-Larm SK-B241-PQ Keypad Unit
- Mounting Screws
- Installation Guide (this document)
- (Power supply sold separately)

## INSTALLATION

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## Mounting the Keypad

The keypad is designed for wall mounting. Use the provided screws to secure the unit to a suitable surface. Ensure the wiring is routed correctly and protected.



**Image 1:** Rear view of the keypad, illustrating the epoxy-sealed back for enhanced weather resistance and durability. This sealing protects internal components from environmental factors.

## Wiring

Connect the keypad to a 12-24V AC/DC power supply (sold separately). Refer to the technical specifications for detailed wiring diagrams. The device includes inputs for Egress (N.O. Ground) and Door Sensor (N.C. Ground), and a Form C relay output (2.5A@30VDC) for controlling access.

## SETUP AND CONFIGURATION

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### SL Access App

The Seco-Larm SK-B241-PQ is managed via the SL Access app, available for both Android and iOS devices. Download the app from your device's app store.



**Image 2:** The Seco-Larm SK-B241-PQ keypad shown alongside a smartphone running the SL Access application. This image demonstrates the integration of the physical keypad with the mobile app for access control management.

## User Management

- **Administrator Setup:** The first user configured through the app will typically be the administrator.
- **Adding Users:** Use the SL Access app to add up to 1,000 users. Each user can be assigned a unique passcode (4-8 digits) and access type (permanent, scheduled, temporary, or limited uses).
- **Proximity Cards:** Enroll proximity cards through the app for card-based access.
- **Data Security:** All user data is stored locally on the device, not in the cloud, enhancing security.

## Output Modes

Configure the output relay via the app with three modes:

- **Timed Relock:** Output activates for a set duration (1 to 1,800 seconds) before relocking.
- **Continually Unlocked/Locked:** Maintains a constant state.
- **Toggle:** Toggles the output state with each valid access.

## OPERATING INSTRUCTIONS

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### Accessing the Controlled Area

1. **Keypad Entry:** Enter your assigned numeric code on the keypad, then press the '#' (pound) key. The device will indicate successful entry.
2. **Proximity Card:** Present your enrolled proximity card to the reader area on the keypad.
3. **SL Access App:**
  - Open the SL Access app on your smartphone.
  - Tap the "Unlock" button within the app.
  - Alternatively, enable "Auto" mode to unlock automatically when within Bluetooth range.

### Hold Open Function

The "Hold Open" feature allows the door to remain unlocked for an extended period. This can be activated via a specific code or through the SL Access app, and its duration is customizable.

## MAINTENANCE

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- **Cleaning:** Wipe the keypad surface with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Firmware Updates:** Periodically check the SL Access app for available firmware updates to ensure optimal performance and security. Note: Some updates may require an Android device.
- **Data Backup:** Regularly use the app's export function to back up user lists and settings for archiving or replication.
- **Power Outage:** In case of a power outage, all data is reliably retained in the keypad's memory.

## TROUBLESHOOTING

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- **Keypad Unresponsive:**
  - Check power supply connections.
  - Ensure the operating voltage is within the specified 9~25 VDC range.
- **Access Denied with Correct Code/Card:**
  - Verify the user code or card is still active and not expired (for temporary/scheduled users).
  - Check for "Wrong-Code Lockout" status if multiple incorrect attempts were made.
- **App Connectivity Issues:**
  - Ensure Bluetooth is enabled on your smartphone.
  - Confirm you are within Bluetooth range of the keypad.
  - Restart the SL Access app.
- **Tamper Alarm Activation:**
  - Inspect the keypad for signs of physical tampering.

- Adjust tamper alarm sensitivity settings in the app if false alarms occur.

## SPECIFICATIONS

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Feature	Detail
Model Number	SK-B241-PQ
Access Modes	App / Keypad / Proximity Card
Bluetooth Radio	Bluetooth Low Energy (BLE) 4.2
Users	1,000 users / 1 administrator
Operating Voltage	9~25 VDC
Current Draw (Max)	Standby: 50mA@12VDC, 28mA@24VDC; Active: 58mA@12VDC, 33mA@24VDC
Inputs	Egress: N.O. Ground; Door Sensor: N.C. Ground
Outputs – Relay	Form C: 2.5A@30VDC (solid state relay)
Alarm Output	50mA@30VDC
IP Rating	IP65 Weatherproof
Operating Temperature	-4°~122° F (-20°~50° C)
Dimensions	1-3/4 x 6 x 7/8 inches (45x152x23 mm)
Weight	15.8-oz (447g)
Credentials	FCC, CE, RoHS

## WARRANTY AND SUPPORT

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The Seco-Larm SK-B241-PQ comes with a 1-Year Limited Warranty. For technical support or warranty claims, please contact Seco-Larm customer service. Refer to the official Seco-Larm website for the most current contact information and detailed warranty terms.

**Manufacturer:** Seco-Larm

**Model:** SK-B241-PQ