

- Manuals.plus /
- › Seco-Larm /
- › Seco-Larm SK-1123-SPQ Vandal Resistant Outdoor Access Control Keypad with Proximity Reader Instruction Manual

Seco-Larm SK-1123-SPQ

Seco-Larm SK-1123-SPQ Vandal Resistant Outdoor Access Control Keypad with Proximity Reader Instruction Manual

Model: SK-1123-SPQ | Brand: Seco-Larm

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Seco-Larm SK-1123-SPQ Vandal Resistant Outdoor Access Control Keypad with Proximity Reader. This device is designed for secure access management in various outdoor environments.



Image 1.1: Front view of the Seco-Larm SK-1123-SPQ keypad, showing the numeric buttons, star and hash keys, three indicator LEDs, and the 'ENFORCER' brand label. The keypad features a brushed stainless steel finish.

2. KEY FEATURES

- **User Capacity:** Supports up to 1,100 users across two outputs (1,000 for Output #1, 100 for Output #2).
- **Code Length:** User codes can be 4 to 8 digits long.
- **Output Activation Time:** Outputs can be programmed to activate for durations up to 99,999 seconds (approximately 28 hours).
- **Temporary Visitor Codes:** Up to 50 temporary visitor codes (01-50) can be programmed for one-time use or

limited-time access (1-99 hours).

- **Egress Input:** Programmable egress input with optional warning alarm and delayed egress functionality.
- **Duress Codes:** Up to 50 duress codes (01-50) for Output #1 and 10 (01-10) for Output #2, triggering a silent alarm when used.
- **Keypad Illumination:** Backlight illuminates upon button press and can be programmed for FULL, AUTO, or OFF in standby mode.
- **Real-time Clock:** Enables automatic access disablement at specific times.
- **Door Sensor Input:** Supports anti-tailgating operation, door-propped-open warnings, and door-forced-open warnings.
- **Construction:** Durable stainless steel faceplate.
- **Weatherproof Rating:** IP66 rated for outdoor use.
- **Super User Code:** Provides administrative access to the keypad.
- **On-site Programming:** All features are programmed directly from the keypad, eliminating the need for external programmers.
- **Mounting:** Mounts to a standard single-gang back box (surface-mount back box included).
- **Tamper Output:** N.C. Dry contact, 50mA@24VDC maximum.
- **Mantrap Feature:** For protected areas with two doors, this feature ensures only one door is open at a time.
- **Memory:** EEPROM Memory protects programmed information during power loss.
- **Access Modes:** Four programmable access modes for all three outputs: card only, code only, card and common user code, card and unique user code.

3. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and security of the SK-1123-SPQ keypad. It is recommended that installation be performed by a qualified technician.

3.1 Mounting

1. Select a suitable outdoor location that is protected from direct impact and allows for clear access.
2. The keypad is designed to mount to a standard single-gang back box. A surface-mount back box is included for convenience.
3. Secure the back box to the wall using appropriate fasteners.
4. Route necessary wiring through the back box opening.
5. Attach the keypad to the back box, ensuring a secure and weatherproof seal.

3.2 Wiring

Connect the keypad to the power supply and other access control components according to the wiring diagram provided in the full product manual (not included here). Key connections include:

- **Power Input:** 12~24 VDC/VAC.
- **Relay Outputs:** Output #1 (Form C, 1A@30VDC), Output #2 (Form C, 1A@30VDC), Key Active (100mA@24VDC), Duress (100mA@24VDC), Interlock (100mA@24VDC), Tamper (50mA@24VDC).
- **Inputs:** Egress (N.O. Ground), Door Inhibit (N.O. Ground), Door Sensor (N.C. Ground).

3.3 Initial Programming

Upon initial power-up, it is recommended to set the Super User Code and configure basic access parameters. Refer to the full product manual for detailed programming steps.

4. OPERATING INSTRUCTIONS

The SK-1123-SPQ offers flexible access control methods.

4.1 Access Modes

The keypad supports four programmable access modes:

- **Card Only:** Access granted by presenting a valid proximity card.
- **Code Only:** Access granted by entering a valid user code.
- **Card and Common User Code:** Requires both a valid card and a shared user code.
- **Card and Unique User Code:** Requires a valid card and a unique user code assigned to that card.

4.2 User Code Entry

To gain access using a code, enter your assigned 4-8 digit code on the keypad. The keypad backlight will illuminate during entry.

4.3 Proximity Card Usage

For proximity card access, present your valid 125kHz EM125 card within 1-1/2 inches (38mm) of the keypad's integrated reader.

4.4 Advanced Functions

- **Programming User Codes:** Use the Super User Code to add, modify, or delete individual user codes.
- **Temporary Visitor Codes:** Program temporary codes for guests with specific time or single-use restrictions.
- **Duress Codes:** If forced to grant access, entering a duress code will activate a silent alarm while appearing to grant normal access.
- **Keypad Backlight:** Adjust the backlight setting (FULL, AUTO, OFF) via the programming menu to suit environmental conditions.
- **Time-based Access:** Utilize the real-time clock to configure schedules for automatic access disablement or enablement.

5. MAINTENANCE

The Seco-Larm SK-1123-SPQ is designed for durability and minimal maintenance. Regular checks can ensure continued optimal performance.

- **Cleaning:** Wipe the stainless steel faceplate with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components.
- **Connection Check:** Periodically inspect wiring connections for any signs of wear, corrosion, or loosening, especially in outdoor environments.
- **Functionality Test:** Regularly test all access methods (code, card) and associated outputs to ensure they are functioning correctly.
- **Power Loss Protection:** The integrated EEPROM memory retains all programmed settings in the event of a power outage, requiring no reprogramming.

6. TROUBLESHOOTING

Refer to the following common issues and solutions before contacting technical support.

Problem	Possible Cause	Solution
Keypad is unresponsive or beeping continuously.	Power supply issue, internal fault, or tamper alarm.	Check power connections. Disconnect and reconnect power. If issue persists, consult a technician.
Access denied with a valid code/card.	Incorrect code entry, card not properly read, access mode misconfiguration, or time-based restriction.	Ensure correct code entry. Present card correctly. Verify access mode settings and time schedules.
Door-propped-open or door-forced-open warning.	Door sensor triggered, door left open, or forced entry attempt.	Close the door completely. Inspect door sensor for damage or misalignment. Investigate potential forced entry.
Keypad backlight not working as expected.	Backlight setting configured to OFF or AUTO in low light.	Check keypad backlight settings in programming mode (FULL, AUTO, OFF).

7. SPECIFICATIONS

Operating Voltage	12~24 VDC/VAC
Current Draw - Standby	66mA@12VDC
Current Draw - Keypress	93mA@12VDC
Current Draw - 1 Relay Active	99mA@12VDC
Current Draw - 1 & 2 Relays Active	126mA@12VDC
Current Draw - Total Max	160mA@12VDC
Relay Output #1	1A@30VDC, Form C
Relay Output #2	1A@30VDC, Form C
Relay Output - Key Active	100mA@24VDC
Relay Output - Duress	100mA@24VDC
Relay Output - Interlock	100mA@24VDC
Relay Output - Tamper	50mA@24VDC
Egress Inputs	N.O. Ground
Door Inhibit Input	N.O. Ground
Door Sensor Input	N.C. Ground
Operating Temperature	-4°~158°F (-20°~70°C)

Operating Humidity	5~95% Non-condensing
Weight	1.42 pounds (0.64 kg)
Dimensions (Product)	4-15/16" x 3-1/8" x 2-1/16" (125mm x 79mm x 52mm)
Proximity Reader Frequency	125kHz (EM125)
Proximity Reader Distance	1-1/2" (38mm)
Material	Stainless Steel
Weatherproof Rating	IP66

8. SUPPORT

For further assistance, technical support, or warranty information, please refer to the official Seco-Larm website or contact their customer service department. Contact details are typically available on the product packaging or the manufacturer's official documentation.

© 2023 Seco-Larm. All rights reserved. Information subject to change without notice.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

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.

Submit question

Open the live page

<https://manuals.plus/asin/B01GJ82DLA>

More documents and user manuals: <https://manuals.plus/>