Elk ELKSS15

ELK Self-Contained Exterior Siren (ELK-SS15) Instruction Manual

Model: ELK-SS15

1. PRODUCT OVERVIEW

The ELK-SS15 is a self-contained exterior siren designed to provide audible alerts for security systems. It features two distinct tones, Yelp and Steady, and is capable of producing a sound output of 110 dB. This unit is suitable for outdoor installation and is built to withstand various environmental conditions.

Figure 1: ELK-SS15 Self-Contained Exterior Siren. This image shows the white horn-shaped siren with a black mounting bracket and exposed wiring at the base.

2. SAFETY INFORMATION

Please read and understand all safety instructions before installing or operating the ELK-SS15 siren. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Installation should be performed by qualified personnel. Disconnect power before wiring. Ensure proper voltage and current ratings are met.
- **Sound Level:** The siren produces a loud sound (110 dB) which can cause hearing damage if exposed for prolonged periods at close range. Avoid direct exposure to the siren when active.
- **Mounting:** Mount the siren securely to a stable surface to prevent it from falling.
- **Environmental:** While designed for exterior use, avoid mounting in locations prone to direct water submersion or extreme temperatures beyond specified operating ranges.

3. PACKAGE CONTENTS

Verify that all items are present in the package:

- ELK-SS15 Self-Contained Exterior Siren (1 unit)
- Mounting Hardware (screws, anchors - *if included by manufacturer*)
- Instruction Manual (this document)

4. SETUP AND INSTALLATION

The ELK-SS15 siren is designed for wall mounting. Follow these steps for proper installation:

1. **Choose a Location:** Select an outdoor location that provides optimal sound coverage and is protected from direct physical impact. Ensure the mounting surface is sturdy.
2. **Mounting:**

   - Position the siren's mounting bracket against the desired surface.
   - Mark the drilling points through the holes in the bracket.
   - Drill pilot holes if necessary, suitable for the mounting screws.
   - Secure the siren to the surface using appropriate screws and anchors (not always included).

3. **Wiring:**

   The ELK-SS15 requires a power source (typically 12V DC from a security control panel) and a trigger input. Refer to your security system's manual for specific wiring diagrams.

   - Connect the positive (+) wire from your control panel's siren output to the siren's positive input.
   - Connect the negative (-) wire from your control panel's common ground to the siren's negative input.
   - If applicable, connect the trigger wire for tone selection (Yelp/Steady) as per your security system's specifications. Consult the siren's wiring diagram for specific color codes.

   Note: Ensure all connections are secure and insulated to prevent short circuits and corrosion.
4. **Testing:** After installation, test the siren's functionality by activating your security system's alarm. Ensure the siren activates and produces the desired tone.

5. OPERATING INSTRUCTIONS

The ELK-SS15 siren operates in conjunction with a compatible security alarm control panel. It does not have independent controls.

- **Activation:** The siren will activate automatically when triggered by the alarm control panel, typically during an alarm event.
- **Tone Selection:** The siren supports two tones: Yelp and Steady. The selection of the tone is usually controlled by the wiring configuration or programming within your security alarm panel. Refer to your alarm panel's manual for details on how to configure siren tones.
- **Deactivation:** The siren will deactivate when the alarm system is disarmed or when the alarm duration set in the control panel expires.

6. MAINTENANCE

The ELK-SS15 siren is designed for low maintenance. Regular checks can ensure optimal performance:

- **Visual Inspection:** Periodically inspect the siren for any visible damage, loose wiring, or obstructions (e.g., insect nests) that might affect its performance.
- **Cleaning:** If necessary, gently wipe the exterior with a damp cloth. Do not use harsh chemicals or abrasive cleaners. Ensure no water enters the internal components.
- **Functionality Test:** Test the siren periodically (e.g., monthly) by initiating a brief alarm test from your security control panel to confirm it is still functioning correctly.

7. TROUBLESHOOTING

If the ELK-SS15 siren is not functioning as expected, consider the following:

Problem	Possible Cause	Solution
Siren does not activate.	No power, loose wiring, faulty control panel output, incorrect wiring.	Check power supply to the siren. Verify all wiring connections are secure and correct. Test the alarm control panel's siren output.
Siren is too quiet or distorted.	Low power, internal damage, obstruction.	Ensure adequate power supply. Inspect for physical damage or obstructions. If problem persists, the unit may need replacement.
Siren activates unexpectedly.	Faulty alarm control panel, wiring short.	Consult your alarm control panel's manual for troubleshooting unexpected activations. Check siren wiring for any shorts.

If troubleshooting steps do not resolve the issue, contact a qualified security system technician or ELK Products Inc. support.

8. SPECIFICATIONS

Feature	Detail
Model Number	ELK-SS15
Manufacturer	Elk Products Inc.
Sound Output	110 dB
Tones	Yelp, Steady
Power Source	External DC Power (typically from a security alarm control panel)
Mounting Type	Wall Mount
Color	White
Product Dimensions (L x W x H)	7.5 x 6.5 x 5.5 inches
Item Weight	0.01 ounces
UPC	762158100154

9. WARRANTY AND SUPPORT

Specific warranty information for the ELK-SS15 siren is typically provided at the point of purchase or through the manufacturer's official documentation. For detailed warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Elk Products Inc. website.

For technical support, installation assistance, or further inquiries, please contact Elk Products Inc. directly. Contact

information can usually be found on their official website or on the product packaging.

Note: This product is designed to be integrated into a security system. For issues related to the overall security system, please contact your alarm system installer or service provider.

Related Documents - ELKSS15

INSTALLATION MANUAL — Cross Platform Control, Part # ELK-M1EZ8	**ELK M1EZ8: Installation and Programming Manual** Comprehensive guide for installing and programming the ELK M1EZ8 Cross Platform Control security system, covering setup, features, and SIA CP-01 compliance.
	ELK-6021 Wireless Mini Window Sensor: Installation and Operation Guide Comprehensive guide for the ELK-6021 Wireless Mini Window Sensor, covering installation, programming, testing, and specifications. Learn how to integrate this two-way wireless sensor into your security system.
ELK-M1XSLC — CASÉTA WIRELESS INSTRUCTIONS	**ELK-M1XSLC Interface Kit: Lutron Caséta & Homeworks QS Integration Guide** Learn how to integrate Elk M1 security systems with Lutron Caséta Wireless and Homeworks QS using the ELK-M1XSLC interface kit. This guide covers setup, configuration, and control of smart home devices.
INSTALLATION MANUAL — Cross Platform Control, Part # ELK-M1EZ8	**ELK M1EZ8: Installation and Programming Manual** Comprehensive guide for installing and programming the ELK M1EZ8 Cross Platform Control security system, covering setup, features, and SIA CP-01 compliance.
ELK-M1XRF319 Wireless Receiver and Input Expander — INSTALLATION MANUAL	**ELK-M1XRF319 Wireless Receiver and Input Expander Installation Manual** Installation manual for the ELK-M1XRF319 Wireless Receiver and Input Expander, detailing setup, operation, compatible transmitters, and configuration options for 319.5MHz frequency systems.

[ELK-M1XSP Installation Manual: Lighting, Thermostat, and Serial Port Expander](#)

This installation manual provides comprehensive guidance for the ELK-M1XSP, a versatile device serving as a lighting interface, thermostat interface, and serial port expander. It details setup, configuration, jumper settings, compatibility with various systems like Aprilaire, RCS, HAI, OnQ-ALC, UPB, Centralite, Lutron, Insteon, Uplink AnyNET, W800RF32, and AES Intellinet, and essential data bus termination procedures for the ELK-M1 and M1EZ8 control systems.