**Linear 212SE**

# Linear 212SE Weatherproof Keypad Instruction Manual

Model: 212SE
Brand: Linear

## PRODUCT OVERVIEW

The Linear 212SE Weatherproof Keypad is a robust access control solution designed for both residential and commercial applications. Its sealed, brushed metal housing ensures durability and resistance to corrosion, making it suitable for indoor and outdoor use across a wide range of temperatures. The keypad features an all-metal, Braille, alpha-numeric keypad for reliable input and includes an internal sounder for key press feedback, along with a bi-color LED to indicate operational status.

Front view of the Linear 212SE Weatherproof Keypad, showcasing its silver brushed metal finish and alpha-numeric buttons.

## Key Features

- Supports up to 120 unique users for flexible access management.
- Equipped with 4 on-board programmable timed relays for versatile control of connected devices.
- Features a durable one-piece housing suitable for wall, post, or gooseneck mounting.
- Designed for indoor/outdoor use with a wide temperature tolerance from -20°F to 130°F.
- Includes tamper loop functionality modes (212, 232) for enhanced security and intrusion detection.

## What's in the Box

The Linear 212SE Weatherproof Keypad package typically includes the following components:

- Linear 212SE Keypad Unit
- Installation Hardware (e.g., mounting screws, Allen wrench)
- Wiring Harnesses for connection to your access control system



The Linear 212SE Keypad shown with its internal components, wiring harnesses, and mounting screws, indicating items typically included in the package.

## SETUP

### Mounting

The 212SE keypad is designed for surface mounting and can be installed directly onto a standard single-gang electrical box or most flat surfaces. Ensure the mounting surface is stable and secure to prevent tampering or damage. Use appropriate fasteners for the chosen surface.

### Wiring

Connect the keypad to your access control system using the provided wiring harnesses. Refer to the detailed wiring diagram in the full installation guide for specific connections to power, relays, and tamper loops. Proper wiring is crucial for correct operation and safety. Always disconnect power before performing any wiring.

Your browser does not support the video tag.

Official product overview video demonstrating the Linear 212SE Weatherproof Keypad's features, including its robust one-piece housing and internal components, providing insight into its design and potential installation considerations.

## OPERATING INSTRUCTIONS

### Basic Operation

To gain access, enter your assigned user code on the alpha-numeric keypad. The internal sounder will provide key press feedback, and the bi-color LED will indicate successful code entry and operation (e.g., green for access granted, red for access denied).

### User Code Programming

The keypad supports up to 120 users. Programming new user codes or modifying existing ones requires entering a master programming code followed by specific key sequences. Consult the full programming manual for detailed steps on adding, deleting, or modifying user codes and relay functions. It is recommended to change the default master code immediately after installation.

## Relay Control

The 4 on-board programmable timed relays can be configured to control various devices such as gates, doors, or lighting. Each relay can be set with specific activation times and conditions through the programming interface. Refer to the detailed programming instructions for relay configuration.

# MAINTENANCE

## Cleaning

To clean the keypad, use a soft, damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the brushed metal finish, keypad components, and internal electronics. Ensure no liquid enters the keypad housing.

## Inspection

Periodically inspect the keypad for any signs of physical damage, such as cracks or loose buttons, and ensure all wiring connections are secure. Verify that the mounting is still firm and that the keypad is not loose on its surface. Address any issues promptly to maintain optimal performance and security.

# TROUBLESHOOTING

## Keypad Not Responding

- Check power supply connections to ensure the keypad is receiving adequate power.
- Ensure all wiring is secure and correctly terminated according to the installation guide.
- Verify the keypad is within its specified operating temperature range (-20°F to 130°F).

## Access Denied

- Confirm the entered code is correct and active. User codes can be deactivated or changed.
- Check if the user limit (120 users) has been exceeded, preventing new code acceptance.
- Inspect tamper loop functionality if enabled; a triggered tamper may prevent access.

## LED Indicators

The bi-color LED provides status indications. Refer to the full manual for a complete list of LED indicator meanings, which can help diagnose specific issues or confirm operational status.

# SPECIFICATIONS

| Feature | Detail |
| --- | --- |
| Model Number | 212SE |
| Dimensions | 1.55 x 3 x 4.5 inches |
| Weight | 1.4 pounds |
| Material | Metal |
| Color | Silver |
| Temperature Tolerance | -20°F to 130°F |
| User Capacity | 120 users |
| Relays | 4 on-board programmable timed relays |
| Connectivity | RF |
| Keyboard Type | Membrane, Braille, Alpha-numeric |
| Mounting | Surface mount (single-gang electrical box compatible) |
| Special Features | Indoor/outdoor self-contained brushed metal housing, Vandal resistant design |
| Manufacturer | Linear |
| Country of Origin | China |

## WARRANTY AND SUPPORT

For warranty information, technical support, or service inquiries regarding your Linear 212SE Weatherproof Keypad, please contact Linear customer service. It is recommended to have your purchase receipt and the product model number (212SE) readily available for faster assistance.

Visit the official Linear website for the most up-to-date support resources, frequently asked questions (FAQs), and contact details. Online resources may include downloadable manuals, wiring diagrams, and programming guides.