

Product Data Sheet

3-Series Security Keypad (MSO)

3400

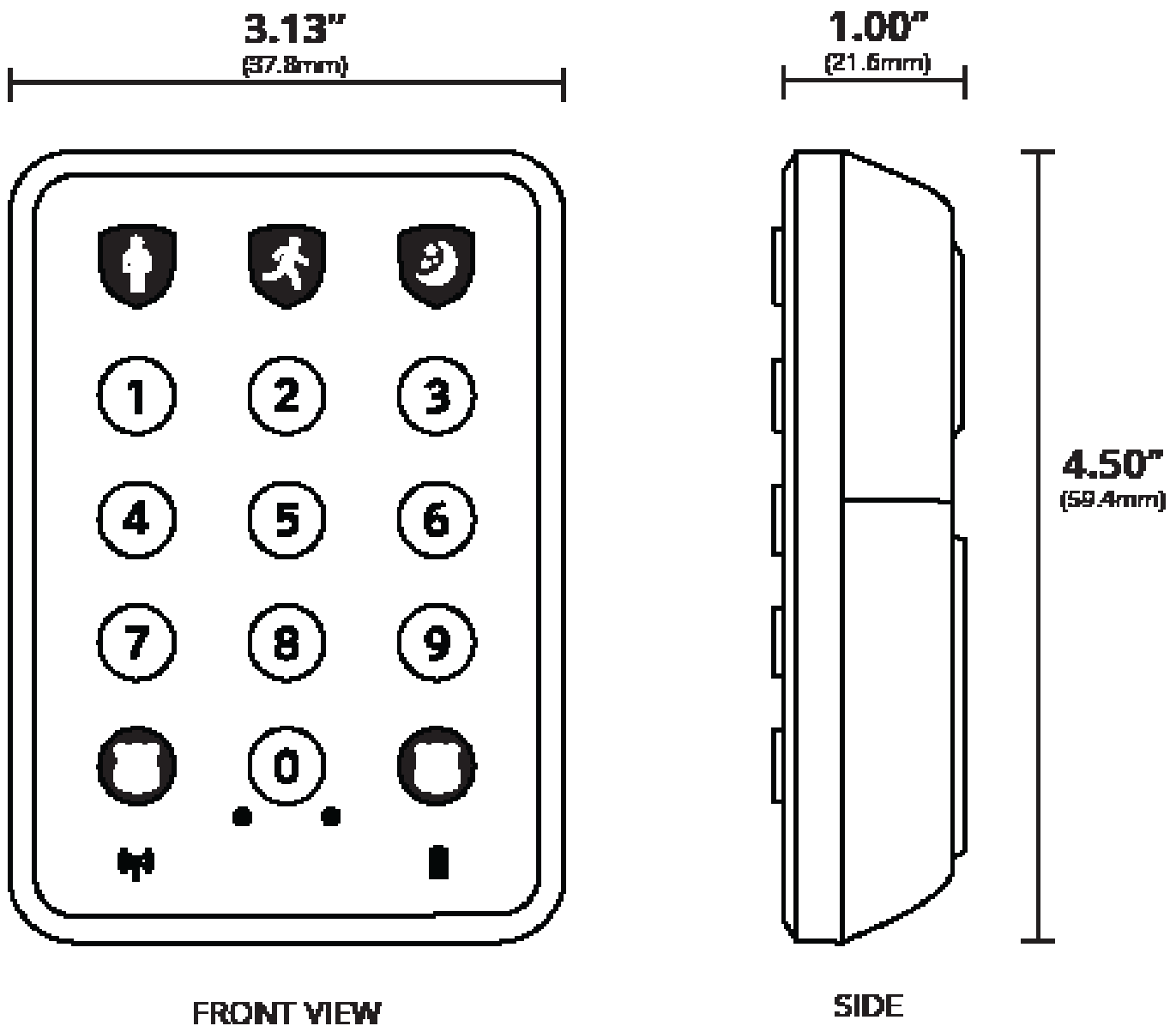


Last Updated: June 2016

Product Overview

The 3-Series Security Keypad gives users an easy-to-use and low-cost option for controlling their 3-Series security system. The keypad features backlit keys and arming buttons, large LED status lights, and is compatible with ZigBee HA 1.2. The keypad also wakes and illuminates itself by detecting when a user is near. Users can mount the 3-Series Security Keypad on any wall using screws or adhesive. The keypad includes 2 CR-123a batteries, giving users up to 3 years of battery life.

Dimensions



In the Box:

1x - Security Keypad
1x - Mounting Bracket

2x - CR-123a Batteries
1x - Set of Mounting Screws

1x - Mounting Adhesive Strip
1x - Quick Start Guide

Key Features:

- Easy arm/disarm of security system.
 - Large LED status indicators.
 - Proximity sensor for detecting users.
 - Two mounting options for installation flexibility (screws and adhesive).
 - Built-in power amplifier for exceptional range.
 - Audible feedback for arming, button presses, and alerts.
 - Adjustable audio volume.
 - Over-the-air firmware updates.
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Special Features

Large LED Status Indicators

The 3-Series Security Keypad features large light bars for displaying the security system's status. Positioned above and below the keypad, these indicators display multiple colors to show the type of arming selected.

Proximity Sensor

The built-in proximity detector recognizes when a user's hand is nearing the device and triggers the keypad to wake. When the keypad wakes, the status LED and keypad backlight activate.

Audible Feedback for Arming

The keypad's audible feedback driver provides users with alerts, key press confirmation, and arming countdown.

ZigBee Home Automation 1.2 Compatibility

The 3-Series Security Keypad is fully ZigBee HA 1.2 certified and is compatible with ZigBee HA 1.2-certified hubs and devices.

Easy 2-Step Join Process

The Security Keypad is factory-configured to search for open ZigBee networks the first time it is powered on. Simply open the hub for joining, insert batteries into the keypad, and it will search and join any open network.

Getting Started

Step 1: Remove the keypad from the package. Remove the mounting bracket from the back of the keypad and remove the battery cover.

Step 2: Initiate pairing on your home control system or security panel using the instructions it provided.

Step 3: Install the batteries. Pay close attention to the + and - markings on the board.

Step 4: The keypad should start the joining process automatically.¹

Once the keypad has successfully joined the network, the top red LEDs will alternate and flash then the keypad should appear on your home control system or security panel. Pay close attention to the + and - terminal markings on the board.

Once the keypad appears on the home control system or security panel, it will display "Trip to Pair." To complete the pairing process, press and release the wall tamper button on the rear of the keypad. The LEDs will then stop blinking and the green network icon will be lit solid (while the keypad is awake).

Step 5: The keypad can now be mounted to the wall at the desired location.

¹ When the keypad is not joined to a network, the network icon will flash. Once it is joined, the network icon will become solid anytime the keypad is awake.

Troubleshooting

Step 1: Hardware Reset

Remove and replace batteries.

Step 2: Trigger Manual Rejoin

Remove the keypad from the wall and press the wall tamper switch 5 times.

Step 3: Factory Default

Remove batteries from keypad. Press and hold the wall tamper switch while reinstalling a battery. Once the keypad illuminates, release the wall tamper switch. Refer to Getting Started to rejoin the keypad.

Compatibility

The 3-Series Security Keypad features out-of-the-box compatibility with ZigBee HA 1.2 hubs and devices.

Technical Specifications

Electrical

Power: 3V - 2x CR-123a Batteries

Environmental

Operating Temperature: 0° to 40°C

Shipping / Storage

Temperature: -20° to 50°C

Humidity Range: 0 to 90% R.H.

(non-condensing)

Approvals:



Wireless RF

Protocol: ZigBee HA 1.2

TX Strength: +18 dBm

RF Channels: 16

Range: 300+ ft. (90+ m) L.O.S.

Temp Accuracy: ±0.4 °C (max), -10 to 85 °C

Support

Centralite offers both Tier-1 and Tier-2 support structures to meet the needs of different customers. For those customers that provide existing, in-house support for systems, Centralite can serve as Tier-2 support specialists. For Centralite retail-branded products, Centralite provides direct Tier-1 support for all products.

Standard Warranty

Centralite offers a standard 12-month limited warranty on the 3-Series Security Keypad.

Contact Sales

For more information about sales or distribution, please contact:

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This device complies with Part 15 of the FCC Rules and with Industry Canada licence-exempt RSS Standards. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This equipment complies with FCC and IC radiation exposure limits set forth for an uncontrolled environment. This equipment is in direct contact with the body of the user under normal operating conditions. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Changes or modifications not expressly approved by Centralite Systems, Inc. could void the user's authority to operate the equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

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