

Safe Lock

Installation Guide

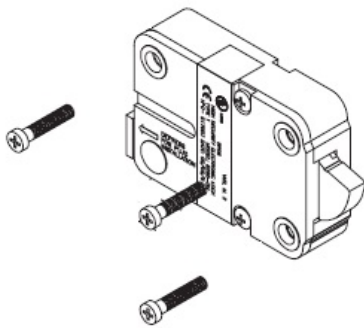
Introduction

Safe Locks are the physical mechanisms that lock and unlock when a correct Access User Combination is entered into the Keypad. There are 3 variations of blocking mechanisms that can be used in different applications: Swing Bolt, Dead Bolt and Spring Bolt. Each one possesses a unique opening method while still being able to connect to a LA GARD Keypad.

Mount a Safe Lock

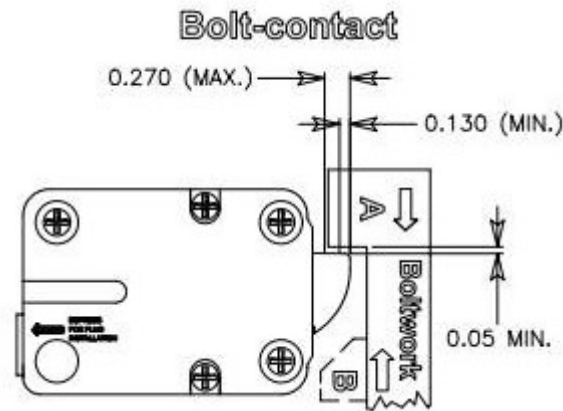
Prior to connecting a safe lock to a Keypad, each safe lock must first be mounted to the interior of the safe door. Follow these steps to properly mount a safe lock(s) to a safe door:

1. If mounting a deadbolt or springbolt, do the following:
 - a. Drill and tap the holes on the inside of the safe door using the provided tap template.
Note: The spindle hole diameter can be a minimum of .406" (10.3mm) to a maximum of .438" (11.1mm). The .406" (10.3mm) diameter is recommended. Spindle hole must be deburred.
 - b. Install the Keypad on the front of the safe door using the Keypad Installation instructions (Document #7033.0320)
 - c. Install the safe lock (always with the bolt extended) onto the spindle, placing it flush to the mounting surface
 - d. Attach the safe lock using the three US ¼"-20 (Metric M6X1) screws provided
2. If mounting a swingbolt, do the following:
 - a. Drill and tap the holes on the inside of the safe door using the provided tap template.
Note: The cable hole diameter can be a minimum of .406" (10.3mm) to a maximum of .438" (11.1mm). The .406" (10.3mm) diameter is recommended. Cable hole must be deburred.
 - b. Install the Keypad on the front of the safe door using the Keypad Installation instructions (Document #7033.0320)
 - c. Attach the safe lock assembly to the safe door using the three US ¼"-20 (Metric M6X1) screws provided. Tighten the screws to a torque setting of 30 inch-pounds.



Boltworks Precautions – Swing Bolt Locks

The blocking part "A" of the boltwork should exert force across the entire width of the lock bolt while opening. When in the locked position, the boltwork MUST NOT place pressure on the lock bolt. This could cause the lock to jam.

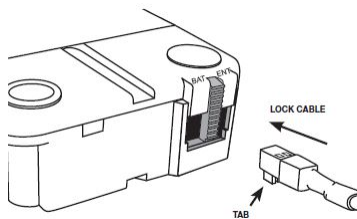


Note: In case of boltwork construction where two blocking parts are moving opposite one another, the one facing the round side of the lock bolt "B" should be cut off to avoid jamming of lock bolt.

Connect a Safe Lock to a Keypad

Once the keypad and lock are physically installed on the safe container, follow these steps to connect a safe lock to a Keypad:

1. For single lock systems, do the following:
 - a. Connect the cable from the keypad into the ENT port. If a Battery Box, Alarm Box or AC power adapter is being used, plug the cable from any of those accessories into the safe lock BAT port



- b. Follow the on-screen prompts for Display Keypads or consult the Keypad Installation Guide (Document #7033.0320) for non-Display Keypads to enter the lock settings and initialization
2. For multi-lock systems, do the following:
 - a. Connect the cable from the Keypad to the port on the side of the Multiplexer.
 - b. Connect the first safe lock (known as Lock #1 to the System) from the ENT port to the #1 input on the Multiplexer
 - c. From Lock #1, connect from the BAT port to a power supply (either the AC Adapter into a wall receptacle or to the BAT port of a Battery Box)
 - d. Repeat Step b for each additional safe lock, using inputs #2, #3, etc. on the Multiplexer.
 - e. Keypads with Display screens will display prompts to continue, while non-Display Keypads require pound (#) commands. Consult the System User Guide (Document #7041.0320) for more information

Specifications

Electrical Rating

9VDC powered via keypads OR Battery Box OR 9VDC, 1.33 Amps Power Supply

Environmental

Operating & Storage Temperature Range: For UL compliance, this product was verified for operation at 32 – 122 °F (0 – 50 °C)

Relative Humidity Range: 0 – 95% non-condensing

Safe Lock Models

Keypad Models 701, 702, 703, 704 and 705 (Input Units Keypads) for use with High Security Lock Models 731 (Deadbolt), 732 (Springbolt) and 733 (Swingbolt).