

Low Profile Keypad Installation Instructions



Mounting Considerations:

- Sargent & Greenleaf's Low Profile Keypad is a simple, robust, dependable input device that will work with many S&G electronic safe locks, including models 6120, 6123, Z⁰², and models 2006 and 2007 in the Titan™ series. The keypad for the model 2007 Titan™ D-Drive™ (direct drive) lock has a yellow, black, or blue button at the top. The bezel of this keypad can be rotated clockwise after code entry to open the lock. The keypad for all other lock models has a only a black button at the top, and it does not rotate.
- The keypad diameter is approximately 3 ¾ inches (95.2 mm) and a the height is 1 inch (25.4 mm), which allows mounting in applications where limited space is a consideration.
- The One Battery, Low Profile Keypad meets VdS security requirements when installed using the included one-way, tamper resistant keypad screw.
- A fresh Duracell® alkaline battery should be installed in the keypad, and the keypad should be connected to the lock to check for proper operation prior to installation. Follow the procedures outlined in the operating instructions.
- Modifications to the keypad are not recommended and will void the manufacturer's warranty.
- When using any code-activated security device, remember that personal data that can be directly related to a code holder, such as a birth date, street number, or phone number, should not be used in creating a lock code. Avoid codes that can be easily guessed.



Sargent & Greenleaf, Inc.

A Wholly Owned Subsidiary of Stanley Security Solutions, Inc.
PO Box 930, Nicholasville, Kentucky 40340-0930 USA
Phone (859) 885-9411
Phone (800) 826-7652
FAX (859) 887-2057
FAX (800) 634-4843

Sargent & Greenleaf S.A.

9, chemin du Croset
1024 Ecublens, Switzerland
Phone +41-21 694 34 00
FAX +41-21 694 34 09

Note: S&G strongly recommends that your keypad be installed by an experienced, professional safe technician or locksmith.

Step 1

The keypad comes with two sets of mounting screws. The silver colored screws are 8-32, and the yellow or red tinted screws are M4 (metric). Determine which set fits the keypad mounting screw holes in your safe's door, then discard the others.

Bring the lock cable through the center hole in the mounting base, then securely fasten the keypad base to the safe door, as shown.



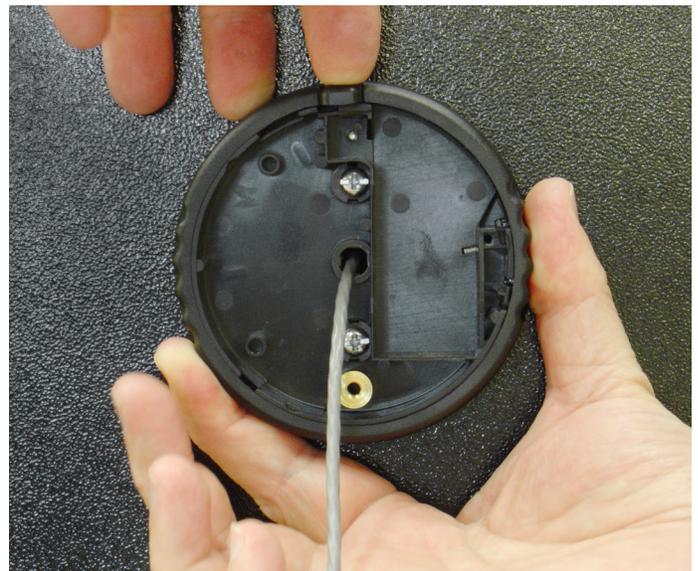
Step 2

Place the keypad ring onto the base. Note that there is a spring-loaded tab at the top of the ring (see white arrow). Orient it as shown when placing the ring on the base.



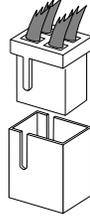
Step 3

Once the ring is against the base, rotate it clockwise until the tab is straight up. You may have to pull the spring-loaded tab forward before you can rotate the ring into position. When the tab is straight up, it will snap into position.



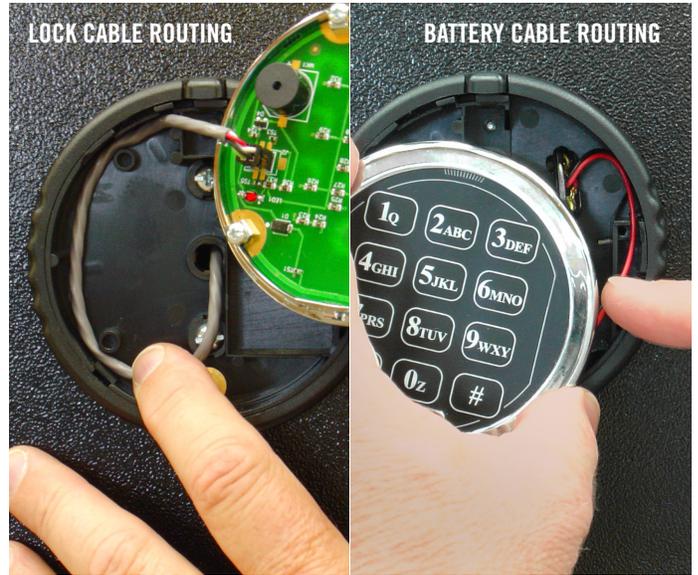
Step 4

Plug the black connector that is at the end of the lock cable into the matching black receptacle on the underside of the keypad. It is designed to insert only when oriented correctly.



Step 5

The lock cable should be routed inside the keypad assembly as shown in the left-hand photo. The battery wires should be routed as shown in the right-hand photo. Proper cable placement keeps wires from being crushed or pinched when the keypad is installed.



Step 6

Once the lock cable and battery wires are in place, install the keypad. There is a raised ridge at the top of the number pad that seats into a recess in the top of the base you previously installed. This makes it necessary to insert the top of the keypad first, then secure the assembly by installing an 8-32 machine screw at the bottom, as shown.

Two 8-32 screws are provided. One is a standard phillips-style screw. The other is a one-way, tamper-resistant screw. The tamper screw should be used for VdS compliant installations or when a slightly higher level of security is desired.



TAMPER SCREW



PHILLIPS SCREW



Step 7

Peel the protective backing off of the self-stick logo, and place it in the recess surrounding the keypad screw.



Step 8

To access the battery compartment, pull the spring-loaded battery tab forward. While holding it forward, rotate the ring counterclockwise slightly. It will then pull forward, revealing the battery compartment. The ring does not separate from the base.

You can now gently pull the battery connector out of its compartment.



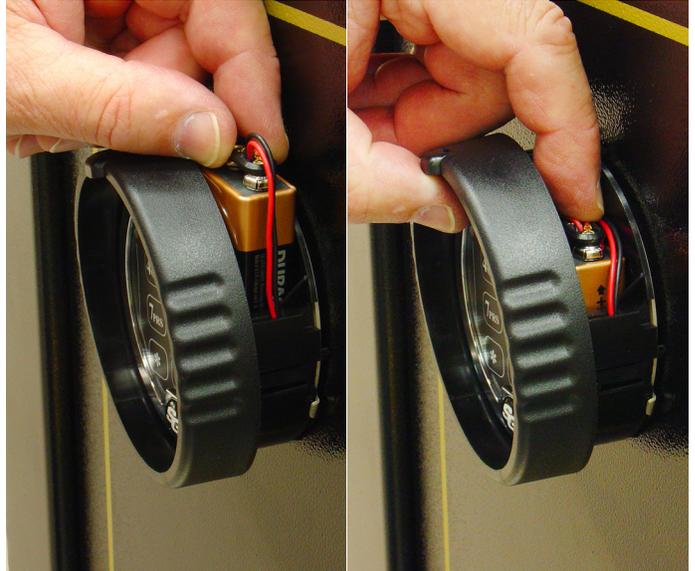
Step 9

Snap a 9-volt alkaline battery onto the connector. S&G strongly recommends Duracell® brand alkaline batteries, as they deliver the best performance in Sargent & Greenleaf electronic locks.



Step 10

Slide the battery into the battery compartment, then position the wires so they will not be pinched or damaged as the keypad ring is placed back against the base.



Step 11

Once the ring is against the base, rotate it clockwise slightly, until the spring-loaded tab clicks back into place. The ring should now be locked into place.



Step 12

The installation is complete. Do not close the safe door until the lock has been successfully operated at least three times in a row. Refer to the operating instructions that were packaged with your lock.





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FAX +41-21 694 34 09