Sargent 28-KP10G77 LL 26D

Sargent KP10G77 Keypad Cylindrical Lock User Manual

Model: 28-KP10G77 LL 26D

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of the Sargent KP10G77 Keypad Cylindrical Lock. This product is designed to offer reliable, standalone access control for various applications. Please read these instructions carefully before proceeding with installation or operation to ensure proper function and longevity of the lock.
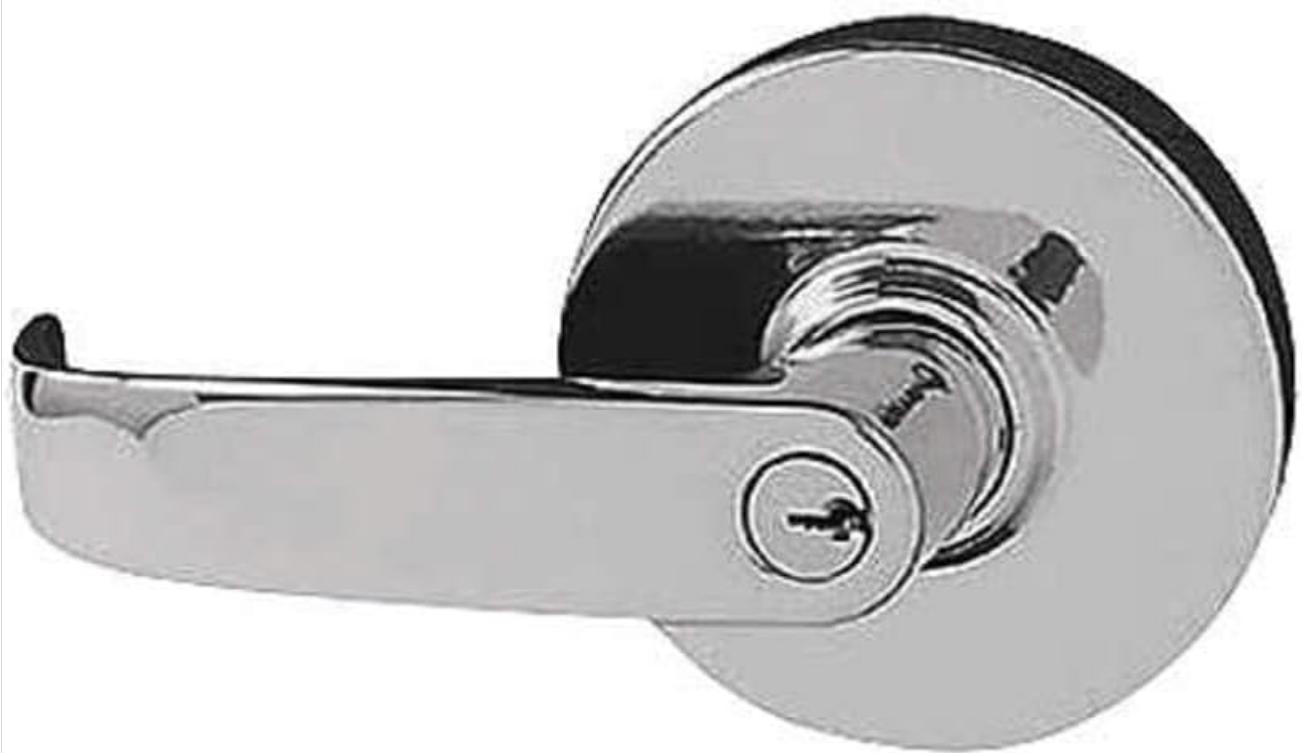
2. PRODUCT OVERVIEW AND FEATURES

The Sargent KP10G77 is a keypad-operated cylindrical lock, part of the Sargent 10 Line series. It is engineered for durability and consistent performance, providing a robust access control solution.

Key Features:

- **Certification:** ANSI A156.2 Series 4000 - Grade 1 certified.
- **Fire Rating:** UL listed for 3-hour doors (double doors may require a 41 - option).
- **Backset:** Standard 2-3/4-inch (70 mm) backset.
- **Handing:** Non-handed design for versatile installation.
- **Construction:** Heavy-duty lever spring return rose assembly, steel spacer bushing, extended one-piece bearing sleeves, and steel mounting studs.
- **Security:** Features 3 through-bolt position combinations and standard key override.
- **Door Thickness:** Suitable for 1-3/4-inch (44 mm) thick doors as standard.
- **Operation:** Inside lever always retracts the latch bolt. Outside lever remains rigid unless in passage mode or a valid user code is entered.
- **Alerts:** Includes a code to activate a horn when keypad buttons are pushed.
- **Strike:** Supplied with a 4-7/8-inch Curved lip strike #808.

Components:

The lock system consists of the exterior keypad unit and the interior lever handle with a key override cylinder.

This image displays the two main components of the Sargent Keypad Series Cylindrical Lock. The upper part shows the keypad unit, featuring a numerical pad from 0-9, an asterisk (*), and a hash (#) button, all encased in a satin chrome finish. The lower part shows the cylindrical lever handle, also in satin chrome, with a keyhole for manual key override.

3. SPECIFICATIONS

Attribute	Detail
Model Number	28-KP10G77 LL 26D
Brand	Sargent
Lock Type	Combination Lock, Keypad Lock
Material	Chrome, Steel, Alloy Steel
Exterior Finish	Chrome (Satin)
Color	Chrome, Rose
Special Feature	Heavy Duty
Included Components	Latch, Lock, Key
Item Weight	9.1 Pounds
Handle Material	Alloy Steel
Hand Orientation	Ambidextrous
Batteries Required?	No
Package Dimensions	19.6 x 11.8 x 5.2 inches

4. INSTALLATION AND SETUP

Proper installation is crucial for the optimal performance and security of your Sargent KP10G77 lock. Due to the precision required for door hardware, **professional installation is highly recommended**.

Key Installation Considerations:

- **Door Preparation:** Ensure your door is prepared for a 2-3/4-inch (70 mm) backset and has a thickness of 1-3/4-inch (44 mm).
- **Component Assembly:** Carefully assemble the exterior keypad unit, interior lever, latch mechanism, and strike plate according to the detailed instructions provided in the physical product packaging.
- **Through-Bolting:** Utilize the steel mounting studs and through-bolt position combinations for a secure and stable installation.
- **Code Programming:** Refer to the specific programming instructions included with your lock for setting initial user codes and master codes. This typically involves entering a sequence on the keypad.

Always refer to the comprehensive installation guide included with your product for step-by-step instructions and diagrams.

5. OPERATION

The Sargent KP10G77 lock offers straightforward operation for secure access.

Accessing the Door:

- **Keypad Entry:** To unlock the door from the exterior, enter a valid user code on the keypad. The outside lever will then become active, allowing you to retract the latch bolt and open the door.

- **Key Override:** In case of power failure or if preferred, the lock can be opened from the exterior using the physical key provided. Insert the key into the keyhole on the lever and turn to retract the latch bolt.
- **Interior Access:** From the interior, the lever handle always retracts the latch bolt, allowing for immediate egress.

Passage Mode:

If configured, the lock may have a passage mode where the outside lever remains active without requiring a code. Consult your programming instructions for details on enabling or disabling this feature.

Horn Activation:

The lock includes a feature where a horn can be activated when keypad buttons are pushed. This can be a useful audible indicator. Refer to your programming instructions for how to enable or disable this feature.

6. MAINTENANCE

Regular maintenance helps ensure the longevity and smooth operation of your Sargent KP10G77 lock.

- **Cleaning:** Clean the exterior surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Lubrication:** Periodically, a small amount of graphite lubricant can be applied to the key cylinder to maintain smooth key operation. Do not use oil-based lubricants as they can attract dirt.
- **Fastener Check:** Periodically check all mounting screws and fasteners to ensure they are tight. Loose fasteners can affect the lock's security and operation.

7. TROUBLESHOOTING

If you encounter issues with your Sargent KP10G77 lock, consider the following common troubleshooting steps:

- **Keypad Not Responding:** Ensure the keypad is clean and free from debris. If the lock is battery-powered (though this model is not explicitly stated as such, some keypad locks are), check battery levels.
- **Code Not Working:** Verify that the correct code is being entered. Ensure no buttons are stuck. Re-enter the code slowly and deliberately. If issues persist, try reprogramming the code according to the programming instructions.
- **Lever Not Retracting Latch:** Check for any obstructions in the door frame or latch bolt. Ensure the lock is properly installed and aligned. If the outside lever is rigid, confirm a valid code was entered or the key was used correctly.
- **Key Not Working:** Ensure the correct key is being used and that the key cylinder is free of debris. Apply graphite lubricant if the key feels stiff.

For persistent issues, it is recommended to consult a qualified locksmith or contact Sargent customer support.

8. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty documentation included with your Sargent KP10G77 Keypad Cylindrical Lock at the time of purchase. Warranty terms and conditions are subject to change by the manufacturer.
For technical support, replacement parts, or further assistance, please contact Sargent customer service directly. Contact information can typically be found on the manufacturer's official website or in the product packaging.