**Prepare the door and check dimensions**

If drilling a new door, use the supplied template and the complete door drilling instructions available at www.kwikset.com/doorprep.

**A** Measure to confirm that the hole in the door is either 2-5/8” (64 mm) or 1-1/2” (38 mm).

**B** Measure to confirm that the backset is either 2-3/8” or 2-3/4” (60 or 70 mm).

**C** Measure to confirm that the hole in the door edge is 1” (25 mm).

**D** Measure to confirm that the door is between 1-3/8” and 2” (35 mm and 51 mm) thick.

Note: Additional door preparation may be required for doors with 1-1/2” (38 mm) holes. Consult the deadbolt drilling instructions at www.kwikset.com/doorprep.

**Install the latch and strike**

**A** Is the door edge chiseled?

- **YES**
  - Use latch “A” if the latch bolt is not already extended, extend the latch bolt as shown.

- **NO**
  - Use latch “B” (not included). If the latch bolt is not already extended, extend the latch bolt as shown.

**B** Hold the latch in front of the door hole, with the latch face flush against the door edge.

**C** Is the D-shaped hole centered in the door hole?

- **YES**
  - No adjustment is required. Proceed to next step.

- **NO**
  - Rotate latch face as shown to extend latch.

**D** Which latch are you installing?

- **Latch “A”**
  - Install strike on the door frame.
  - Make sure the hole in the door frame is drilled a minimum of 1” (25 mm) deep.

- **Latch “B”**
  - Longer screws install closest to the door jamb.
### 3 Install the exterior touchscreen

**A** What is the diameter of the hole in the door?

- **Diameter is 2-1/8” (54 mm):** Use the shorter gold screws.
- **Diameter is 1-1/2” (38 mm):** Use the medium silver screws.
- **Use the longer black screws.**

**B** What is the thickness of your door?

- **1-3/8” (35 mm) or 1-3/4” (44 mm) or 2” (51 mm):** Use the longer black screws.

**C** Install exterior touchscreen and mounting plate.

**D** Support exterior assembly during mounting plate installation.

**E** Route cable through center hole, then push cable into bottom hole.

**F** Keep parallel to edge of door.

**G** Tighten screws evenly.

**H** Rotate torque blade to test latch for smooth operation.

If latch does not operate smoothly, adjust screws.

Make sure latch bolt is extended when finished.

---

### 4 Install the interior assembly

**A** Remove battery cover and battery pack from interior assembly.

**B** Install interior assembly onto mounting plate.

**C** Ensure correct polarity. For best results, use non-rechargeable alkaline batteries only.

**D** Ensure tight cable connection.

Lay excess cable flat inside the bottom of the interior housing.

---

### 5 Install the batteries and perform the door handing process

**A** Install 4 AA batteries in battery pack.

**B** Make sure the door is open, and insert the battery pack.

**C** After a few seconds, the latch bolt will retract and extend on its own to learn the orientation of the door. This is called the **door handing process**, and it is crucial to lock operation.

**D** If the touchscreen indicates a failure make sure that the cables are connected, the batteries are installed correctly, and attempt this procedure again.

If the door handing process is still unsuccessful after a second attempt, perform the “Manual Door Handing” procedure on page 4.
6 Add the lock to your smart home system

A Initiate the process to add the lock to your system at your smart home controller. Refer to your smart home system instructions for more information.

B When prompted by your smart home system to add the lock, press button “A” on the lock interior four times.

C If successful, rename the lock in your system (if applicable).


7 Add user codes (30 max)

It is recommended that you add and delete all user codes through your smart home control system. If your system does not allow this, codes may be added directly to the lock as shown here.

Programming Timeout
During programming, if the screen is not pressed for 20 seconds, the system will time out (indicated by three beeps and the “X” pattern flashing three times), and you will need to restart the procedure.

A Make sure the door is open. Press the Program button once.

B Press checkmark symbol once.

C Enter user code. A total of 30 user codes may be programmed.

D Press lock symbol once.

E Checkmark symbol with one beep

Programming was successful.

OR

“X” pattern with three beeps

Programming was unsuccessful.

Make sure the user code is not a duplicate and that it is between 4 and 8 digits during your next attempt.

Make sure the lock has room for an additional code. If all user code positions are filled, delete a code to make room for this one.

8 Test the lock (review normal operation)

Confirm that the code(s) added in previous step can unlock the door.

Activating the Screen

Option 1 Touch screen with palm or back of hand until digits illuminate.

Option 2 Touch lower left area of screen (where checkmark is located) until digits illuminate.

Option 3 Touch screen with three or more fingers until digits illuminate.

Locking the Door

1. Activate the screen.

2. Press Lock symbol.

Note: If no user codes are programmed, the door cannot be locked via touchscreen.

Unlocking the Door

1. Activate the screen.

2. If SecureScreen is enabled, touch the random digits that appear.

3. Enter user code.

If you press the wrong digit while entering a user code, you can press the Lock symbol once to clear the digits entered previously and immediately restart the code entry process.

SecureScreen is an added-security feature that displays random digits before you enter a user code to unlock the door. This feature ensures that there are fingerprints on all digits so that codes cannot be identified by examining the touchscreen for fingerprints.

If desired, this feature can be disabled by turning switch #4 to the off position. See “Switches and Status LED Colors” on page 4.

9 Install the interior cover

Important Information about the interior cover

The window on the interior cover is locked by default to prevent someone from tampering with your lock’s settings.

If you wish to unlock the window, you can slide it up for more convenient access to the programming buttons while the cover is installed.

To unlock the window, remove the security screw.

Cover Installation

A Install cover.

Note: You may need to rotate the turnpiece for align with the turnpiece shaft.

G Install screws.

D Note: The interior cover and screws must be removed for battery pack access.
Obsidian at a Glance

Exterior

Interior (cover removed)

Back panel

Button “A”

Program button

Button “B”

Status LED

Switches

Lock symbol

Touchscreen

Checkmark symbol

Emergency Power 9-Volt Port

If the 4 AA batteries are too low to operate the lock, use a 9-Volt Alkaline battery to temporarily power the touchscreen.

Make sure both terminals on the 9-Volt battery touch the terminals at the bottom of the touchscreen. Hold the 9-Volt in place while entering your user code to unlock the door. 

Continuous holding the 9-Volt in position until the Checkmark symbol illuminates and the door unlocks.

Note: If you remove the battery before the Checkmark symbol illuminates and the door unlocks, the touchscreen will be unable to manually lock and unlock the door.

In case of a network failure, you will need to re-enter your user code.

Failure symbol illuminates, you will need to re-enter your user code.

X” pattern flashes three times with three beeps*

No user code programmed. Program at least one user code.

Programming timeout after 20 seconds. Attempt programming procedure again.

Three incorrect codes entered within one minute. Re-enter code after 60 second touchscreen lockout.

Checkmark and lock symbols flash simultaneously five times with long continuous beep*.

Low battery: Replace batteries.

Checkmark and lock symbols alternate flashing five times with long continuous beep*.

Door jammed while attempting to lock. Manually re-lock door if needed, repetition stops.

N/A Lock beeps continually. Interior assembly is disconnected from exterior. Re-insert battery pack, reconnect the batteries to the exterior, then replace battery pack.

*Beeping sound will only be heard if switch #3 is on.

Low Battery

If needed, the door handing process can be initiated manually. This is useful if the lock is being moved to a different door.

Deleting a single user code

Removing the lock from the network

Press button “B” on the lock interior nine times.

Network Information

Zigbee is a “Wireless mesh network”, and results may vary based on building construction and communication path with 350 feet being typical installed distance in a standard home environment and 250 feet when the lock has a direct line of sight with the smart home controller. It may be necessary to install additional Zigbee devices to enhance the communication path between the lock and controller for a more robust Zigbee network.

Important Safeguards

1. Read all instructions in their entirety.
2. Familiarize yourself with all warning and caution statements.
3. Review all family members of safety precautions.
4. Protect your user codes and mastercode.
5. Dispose of used batteries according to local laws and regulations.

CAUTION: Prevent unauthorized entry. Since anyone with access to the back panel can change the user codes, you must restrict access to the back panel and routinely check the user codes to ensure they have not been altered without your knowledge. The use of a mastercode can help protect your system's settings.

WARNING: This Manufacturer advises that no lock can provide complete security by itself. This lock may be defeated by forcible or technical means, or evaded by entry elsewhere on the property. No lock can substitute for caution, awareness of your environment, and common sense. Builder's hardware is available in multiple performance grades to suit the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.

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