**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](http://www.kwikset.com/doorprep).

**A** Measure to confirm that the hole in the door is either 2-1/8" (54 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](http://www.kwikset.com/doorprep).

**2 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”**
- **Latch “B”** (2x)

**E** Install strike on the door frame.

- Make sure the hole in the door frame is drilled a minimum of 1" (25 mm) deep.

**Kwikset Technical Support**

1-800-327-5625

www.kwikset.com
3 Install the exterior touchscreen

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

- Diameter is 2-1/8” (54 mm)
- Diameter is 1-1/2” (38 mm)

or

B What is the thickness of your door?

- 1-3/8” (35 mm)
- 1-3/4” (44 mm)
- 2” (51 mm)

C Install exterior touchscreen and mounting plate.

D Cable goes underneath latch.

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

F Keep parallel to edge of door.

G Tighten screws evenly.

H Insert the tip of a Phillips screwdriver into the torque blade. Screws keep parallel to edge of door. Tighten screws evenly.

I Support exterior assembly during mounting plate installation.

J “D” is required for installation. Install “D” on “F”.

K “D” is not required for installation. Discard “D”.

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

M For best results, use new, non-rechargeable alkaline batteries only.

N Ensure tight cable connection.

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

P Route cable through center hole, then push cable into bottom hole.

Q, R, or S (2x)

4 Install the interior assembly

A Remove battery cover and battery pack from interior assembly.

B Install interior assembly onto mounting plate.

C, D, E Actual size

5 Install the batteries and perform the door handing process

This step will teach your lock the orientation of your door and is crucial to lock operation.

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 user codes (16 max)

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 16 user codes may be programmed.

D Press lock symbol once.

E What digits and sounds did the lock produce?

Checkmark symbol with one beep

“X” pattern with three beeps

Programming was successful.

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.

Mastercode
For enhanced security, a mastercode may be used when adding and deleting user codes. For more information about the mastercode, download the Programming and Troubleshooting Guide on the Obsidian page at www.kwikset.com.

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.

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.

*Beeping sound will only be heard if switch #3 (on the lock interior) is in the on position. See “Switches and Status LED Colors” on page 4.

7 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.

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.

Unlocking the Door SecureScreen™

8 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 the interior cover.

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

G Install screws.

Note: The interior cover and screws must be removed for battery pack pack access.
**Switches and Status LED Colors**

<table>
<thead>
<tr>
<th>Switch</th>
<th>Function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Door lock status LED blinks every 6 seconds</td>
</tr>
<tr>
<td>2</td>
<td>Lock automatically re-locks door 30 seconds after unlocking. Skips if no codes are programmed.</td>
</tr>
<tr>
<td>3</td>
<td>Audio</td>
</tr>
<tr>
<td>4</td>
<td>SecureScreen feature displays random digits to be pressed before entering user code. This added security feature ensures that there are fingerprints on all digits so that codes cannot be identified by examining the touchscreen for fingerprints.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Color</th>
<th>Lock Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blinking green</td>
<td>Unlocked</td>
</tr>
<tr>
<td>Blinking amber</td>
<td>Locked</td>
</tr>
<tr>
<td>Blinking red</td>
<td>Low battery</td>
</tr>
</tbody>
</table>

**Deleting a single user code**

1. Keep door open.
   Press Program button once.
2. Press Checkmark symbol once.
3. Press Lock symbol once.
4. Enter user code to be deleted.
5. Press Lock symbol once.
6. Re-enter user code.
7. Press Lock symbol once.
8. If unsuccessful. Make sure to enter the same valid code in steps 4 and 6.

**System Alerts**

<table>
<thead>
<tr>
<th>Display</th>
<th>Alert</th>
<th>Reason</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>Pattern flashes one time with one beep*</td>
<td>One incorrect code entered</td>
<td>Re-enter code.</td>
</tr>
<tr>
<td>X</td>
<td>Pattern flashes three times with three beeps*</td>
<td>Three incorrect codes entered within one minute</td>
<td>Re-enter code after 60 second touchscreen lockout</td>
</tr>
</tbody>
</table>

**Low Battery**

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. Continue 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, you will need to re-enter your battery.

**Manual Door Handing**

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

1. Remove battery pack.
2. Press and hold the Program button while reinserting the battery pack.
3. Press the Program button once more.
4. The latchbolt will unlock and retract to learn the orientation of the door.
5. If the touchscreen indicates a failure, see the online Programming and Troubleshooting Guide or call Technical Support.

**Factory Reset**

A factory reset will delete all codes associated with the lock, and it will remove it from your smart home system.

1. Remove battery pack.
2. Press and hold the Program button while reinserting the battery pack.
3. Press the Program button once more.
4. After a few seconds, the lock will initiate the door handing process, and the latchbolt will unlock and retract to learn the orientation of the door.

**Important Safeguards**

1. Read all instructions in their entirety.
2. Familiarize yourself with all warning and caution statements.
3. Remind all family members of safety precautions.
4. Protect your user codes and mastercode. The mastercode can help protect your system's settings.
5. Change the user codes, you must restrict access to the back panel and routinely check the application. In order to enhance security and reduce risk, you should consult a qualified locksmith or other security professional.

**Obsidian at a Glance**

- **Exterior**
  - Touchscreen
  - Checkmark symbol
  - Emergency Power 9-Volt Port
  - Lock symbol
  - Rear panel
  - Program button
  - Status LED
  - Turnpiece shaft

- **Interior (cover removed)**
  - Note: When the cover is removed, the Turnpiece shaft can be used to manually lock and unlock the door.

**Touchscreen**

- **Switch Function**
  - 1 Keep door open. Press Program button once.
  - 2 Lock automatically re-locks door 30 seconds after unlocking. Skips if no codes are programmed.
  - 3 Audio
  - 4 SecureScreen feature displays random digits to be pressed before entering user code. This added security feature ensures that there are fingerprints on all digits so that codes cannot be identified by examining the touchscreen for fingerprints.

- **Color**
  - Blinking green: Unlocked
  - Blinking amber: Locked
  - Blinking red: Low battery

**Factory Reset**

1. Remove battery pack.
2. Press and hold the Program button while reinserting the battery pack.
3. Press the Program button once more.
4. After a few seconds, the lock will initiate the door handing process, and the latchbolt will unlock and retract to learn the orientation of the door.

**User Code**

- **Switch Function**
  - 1 Keep door open.
  - 2 Press Checkmark symbol once.
  - 3 Lock automatically re-locks door 30 seconds after unlocking. Skips if no codes are programmed.
  - 4 Enter user code to be deleted.
  - 5 Press Lock symbol once.
  - 6 Re-enter user code.
  - 7 Press Lock symbol once.

- **Reason**
  - One incorrect code entered.
  - Three incorrect codes entered within one minute.

- **Solution**
  - Re-enter code.
  - Re-enter code after 60 second touchscreen lockout.

**Manual Door Handing**

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

1. Remove battery pack.
2. Press and hold the Program button while reinserting the battery pack.
3. Press the Program button once more.
4. The latchbolt will unlock and retract to learn the orientation of the door.
5. If the touchscreen indicates a failure, see the online Programming and Troubleshooting Guide or call Technical Support.

**SecureScreen feature displays random digits to be pressed before entering user code. This added security feature ensures that there are fingerprints on all digits so that codes cannot be identified by examining the touchscreen for fingerprints.**

**Important Safeguards**

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

**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.