

Kwikset 9250TRS-514S

Kwikset Powerbolt 2 Electronic SmartCode Deadbolt User Manual

Model: 9250TRS-514S



1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Kwikset Powerbolt 2 Electronic SmartCode Deadbolt. This keyless entry system offers enhanced security and convenience for your home.

The Kwikset Powerbolt 2 features a 10-button keypad for keyless access, SmartKey technology for rekeying, and a durable matte black finish. It is designed for easy installation and user-friendly operation.

2. PRODUCT OVERVIEW



Figure 2.1: Front view of the Kwikset Powerbolt 2 Electronic SmartCode Deadbolt, featuring the 10-button keypad and traditional keyhole. The lock has a matte black finish.



Figure 2.2: Components of the Kwikset Powerbolt 2, showing both the exterior keypad assembly and the interior thumb-turn unit. Both components are in a matte black finish.

Key Features:

- **Keyless Entry:** Allows access without physical keys using a personalized code.
- **SmartKey Technology:** Enables rekeying the lock yourself in seconds, maintaining security.
- **10 Button Keypad:** Provides a user-friendly interface for code entry.
- **Mechanical Knob Control:** Offers traditional manual locking/unlocking from the interior.
- **Durable Finish:** Modern matte black finish for aesthetic appeal and longevity.

3. SETUP AND INSTALLATION

3.1 Tools Required:

- Phillips head screwdriver
- Measuring tape
- Pencil

3.2 Door Preparation:

Ensure your door is properly prepared for deadbolt installation. The Powerbolt 2 fits standard door preparations with a 2-1/8" (54mm) cross bore and 1" (25mm) edge bore. Backset can be either 2-3/8" (60mm) or 2-3/4" (70mm).

3.3 Installation Steps:

1. **Install Latch:** Insert the latch into the door edge, ensuring the "UP" arrow is pointing upwards. Secure with screws.
2. **Install Exterior Assembly:** Route the cable through the cross bore. Position the exterior keypad assembly flush against the door.
3. **Install Interior Mounting Plate:** Secure the interior mounting plate to the exterior assembly using the provided screws. Ensure the cable is not pinched.
4. **Install Interior Assembly:** Connect the cable from the exterior assembly to the interior assembly. Align the tailpiece with the slot in the latch. Secure the interior assembly to the mounting plate.
5. **Install Batteries:** Open the battery cover on the interior assembly. Insert 4 AA alkaline batteries (not included), observing polarity. Close the battery cover.

3.4 Programming User Codes:

The lock comes with a default programming code and one default user code. It is recommended to change these immediately after installation.

1. Change Programming Code:

- Open the battery cover on the interior assembly.
- Press the "Program" button once.
- Enter the existing 4-7 digit Programming Code.
- Press the "Lock" button.
- Enter a NEW 4-7 digit Programming Code.
- Press the "Lock" button.
- Re-enter the NEW 4-7 digit Programming Code.
- Press the "Lock" button.

2. Add User Code:

- Open the battery cover on the interior assembly.
- Press the "Program" button once.
- Enter your Programming Code.
- Press the "Lock" button.
- Enter a NEW 4-7 digit User Code.
- Press the "Lock" button.

You can program up to 6 user codes.

4. OPERATING INSTRUCTIONS

4.1 Locking the Door:

- **From Exterior:** Press the "Lock" button on the keypad. The deadbolt will extend.
- **From Interior:** Turn the thumb-turn knob to the vertical position.

4.2 Unlocking the Door:

- **From Exterior:** Enter a valid 4-7 digit User Code on the keypad. The deadbolt will retract.
- **From Interior:** Turn the thumb-turn knob to the horizontal position.

4.3 SmartKey Rekeying:

The SmartKey feature allows you to rekey your lock to work with any Kwikset (KW1) key. This is useful if you want to match your new deadbolt to existing Kwikset keys or if you lose a key and want to prevent unauthorized access.

1. Insert your functioning key fully into the cylinder.
2. Rotate the key 90 degrees clockwise to the horizontal position.
3. Insert the SmartKey tool firmly and fully into the SmartKey hole.
4. Remove the SmartKey tool.
5. Remove your functioning key.
6. Insert your NEW key fully into the cylinder.
7. Rotate the NEW key 90 degrees counter-clockwise back to the vertical position.
8. Remove the NEW key.

Important: Test the new key several times to ensure it functions correctly before closing the door.

5. MAINTENANCE

5.1 Cleaning:

Clean the lock with a soft, damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals as they can damage the finish and electronic components.

5.2 Battery Replacement:

When the batteries are low, the lock will emit a series of beeps and the keypad will flash red after a successful code entry. Replace all four AA alkaline batteries promptly to ensure continued operation.

1. Open the battery cover on the interior assembly.
2. Remove the old batteries.
3. Insert four new AA alkaline batteries, ensuring correct polarity (+/-).
4. Close the battery cover.

Note: User codes are retained in memory during battery replacement.

6. TROUBLESHOOTING

| Problem | Possible Cause | Solution |
|--------------------------------------|---|--|
| Keypad does not light up. | Dead batteries or incorrect battery installation. | Replace batteries, ensuring correct polarity. |
| Lock does not respond to user code. | Incorrect code entered; batteries low; lock jammed. | Verify user code; replace batteries; check for obstructions in door frame. |
| Deadbolt extends/retracts partially. | Door alignment issue; low batteries. | Check door and frame alignment; replace batteries. |
| SmartKey rekeying fails. | Key not fully inserted; SmartKey tool not fully inserted; incorrect key type. | Ensure keys and tool are fully inserted; use only Kwikset (KW1) keys. |

7. SPECIFICATIONS

- **Model:** Kwikset 9250TRS-514S Powerbolt 2
- **Finish:** Matte Black
- **Material:** Plastic
- **Lock Type:** Electronic Keypad Deadbolt with Key Override
- **Keypad:** 10-button numeric
- **User Codes:** Up to 6 programmable codes
- **Backset:** Adjustable 2-3/8" (60mm) or 2-3/4" (70mm)
- **Door Thickness:** 1-3/8" (35mm) to 1-3/4" (44mm) standard
- **Power:** 4 AA Alkaline Batteries (not included)
- **Dimensions (Exterior):** Approximately 9.9 x 5.4 x 3.6 inches (L x W x H)
- **Item Weight:** 2.2 Pounds
- **Connectivity:** Bluetooth (for potential future smart home integration, though not explicitly detailed for this model's app control in provided data)
- **Control Method:** App (if connected to SmartThings), Mechanical knob

8. WARRANTY AND SUPPORT

8.1 Warranty Information:

This Kwikset product is backed by a manufacturer's warranty. Please refer to the warranty card included with your product packaging for specific terms and conditions. For detailed warranty information, visit the official Kwikset website or contact customer support.

8.2 Customer Support:

For technical assistance, troubleshooting, or general inquiries, please contact Kwikset Customer Support. Contact information can typically be found on the Kwikset website or in the product packaging.

