The Yale Stand-alone Digital Deadbolt Lock combines a robust lockset with a contemporary electronic aesthetic. Users benefit from a push button keypad that makes day-to-day access effortless. Up to ten codes can be distributed amongst users to allow a keyless solution for accessing secure doors. Yale Digital Deadbolt is engineered for quick and easy installation and fits in place of a standard deadbolt prep.

WARNING: Changes or modifications to this device not expressly approved by ASSA ABLOY could void the user’s authority to operate the equipment.

CAUTION: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

IMPORTANT: The accuracy of the door preparation is critical for the proper functioning and security of this product. Misalignment can cause premature wear and a lessening of security. The Yale Digital Deadbolt should only be serviced by a qualified technician.

Finish Care: This lockset is designed to provide the highest standard of product quality and performance. Care should be taken to ensure a long-lasting finish. When cleaning is required use a soft, damp cloth. Using lacquer thinner, caustic soaps, abrasive cleaners or polishes could damage the coating and result in tarnishing.

This lock may not be used on moving doors, i.e., Cars, Trains or similar applications. The lock is designed for residential and commercial applications only and door sizes between 32-50mm. We highly recommend that a secondary entrance is required in the unlikely event of total failure. This lock may not be used on fire doors.
Included in the box...

- Installation & Programming Guide
- Outside Escutcheon
- 4 AA Alkaline Batteries
- Inside Escutcheon
- Inside Mounting Plate
- Battery Cover
- Keys
- Bolt
- Strike Plate
- Screw Pack
- Plastic Gaskets
- Rubber Gaskets

Parts Illustrations

Tools Needed

Door Prep
- (54mm) hole saw
- (25.4mm) bored bit
- (2.5mm) drill bit
- Chisel & hammer

Lock Installation
- #2 Phillips screwdriver
Unpack the Lock

The lock is packed representative of how it will install on the door.

Before installing the lock on the door:

A. Inside escutcheon
   1. Loosen the screw (Phillips #2) holding the battery cover. (The screw remains attached to battery cover)
   2. Slide the battery cover up and out (note the two tabs at bottom of battery cover).
   3. Remove the inside mounting plate (with gasket) from the back (door side) of the inside escutcheon.

B. Bolt
   Note: Bolt ships with backset in 60mm position. If required, press small black button on underside of bolt and pull to extend to 70mm backset position (Fig. 3B).

C. The outside escutcheon (with gasket remains assembled).
1. Install bolt in door.
NOTE: The bolt must be in a retracted (unlocked) position when installing the lockset.
Attach with (2) M4 x 25.4mm screws supplied.

2. Install strike on the door frame, making sure to allow for the bolt to be centred in the strike.

3. Install outside escutcheon.
   As you position the outside escutcheon, route the cable through 54mm diameter hole (Figure 3A).
   
   ![NOTE: Cable goes under bolt (see Fig. 3B).]

4. Holding the outside escutcheon flush to the door, positioning the inside mounting plate by first routing the cable and connector through the mounting plate’s 1/2” hole, then inserting the mounting plate “tongue” into the bottom slot of the outside escutcheon. See (Fig. 4A).

5. Secure both assemblies using (2) M6 x 54mm pan head machine screws (Fig. 4B), making sure that outside escutcheon is vertically aligned.
   Hand-tighten until snug.
   Do not over-tighten
CAUTION:
Use care when assembling to ensure that the cable lies against the back recessed area of the inside escutcheon (Fig. 6A).
Position and bend cable, using the harness clips as shown in Fig. 6A to prevent binding when installing the escutcheon over the mounting plate.

6. Attach cable assembly to the inside escutcheon PC board by lining up notches on top of cable connector to slots on PCB connector (Fig. 6B).

NOTE: Connector should be pressed in firmly using thumbs until completely seated.
Proper position is indicated by arrows on PCB as in Fig. 6A & 6B.

7. Install inside escutcheon on inside mounting plate. Note the horizontal orientation of the tail piece (Fig. 7) as you insert the inside escutcheon (thumbturn should be vertical).

8. Install and secure using (3) M4 x 8mm pan head screws through the inside escutcheon into the mounting plate (Fig. 8).

IMPORTANT: Before installing the batteries, test the mechanical operation of the lock by using both thumbturn and the key. The movement of the bolt should be smooth and unobstructed. If operation is not smooth, review the previous steps to ensure proper installation.

NOTE: The bolt must be in a retracted (unlocked) position prior to installing the batteries.

9. Insert four (4) AA alkaline batteries. The lock responds with a series of beeps, a red/blue flash and quick flash of all keypad LEDs. When activating the lock for the first time, the lock will adjust for proper handing.
NOTE: Refer to programming instructions prior to completion of step 10.

10. Install battery cover and tighten Phillips head screw.
Programming Features - Menus - Keys - Definitions

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<th>Menu and Icons Used in This Guide</th>
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**Outside**

- **Status Indicator**
- **Numbers**
- **Cylinder**

**Inside**

- **Phillips Head Screw**
- **Battery Cover**
- **Alkaline Batteries 4 AA Type**
- **Status Indicator**
- **Thumbturn**
- **Privacy Mode Button**

### Menu and Icons Used in This Guide

<table>
<thead>
<tr>
<th><strong>1 ~ 0</strong></th>
<th>Click the indicated number</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>M PIN</strong></td>
<td>Enter Master PIN code (4-8 digits in length).</td>
</tr>
<tr>
<td><strong>#</strong></td>
<td>Press the <strong>Star</strong> key on the keypad to <strong>Enter</strong> or <strong>Accept</strong> entry.</td>
</tr>
<tr>
<td><strong>U PIN</strong></td>
<td>Enter User PIN. Can be 4-8 digits in length.</td>
</tr>
<tr>
<td><strong>#</strong></td>
<td>Press the <strong>Pound</strong> key on the keypad to enter the <strong>Menu</strong> mode.</td>
</tr>
<tr>
<td><strong>ON</strong></td>
<td>User Number (1 - 10)</td>
</tr>
</tbody>
</table>
**User PIN Code:** The User code operates the lock. Maximum number of user codes is 10.

**All Code Lockout Mode:** This feature is enabled by the Master code. When enabled, it restricts all user (except Master) PIN code access. When attempting to enter a code while the unit is in Lockout, the Status Indicator flashes RED and BLUE (8 times); the keypad flashes as well.

**Volume Mode:** The volume setting for PIN code verification is set to High (1) by default. Otherwise it can be set to Silent (3).

**Automatic Re-lock Time:** After a successful code entry and the unit unlocks, you can set your lock to automatically re-lock after (10) seconds.

**Inside Indicator Light:** Shows active status (Locked) of lock and can be enable or disabled in the Advanced Lock Settings (Main Menu selection #3).

**Low Battery:** When battery power is low, the Status Indicator flashes RED. If battery power is completely lost, use the key override.

**Master PIN Code:** The Master PIN code is used for programming and for feature settings. It must be registered prior to programming the lock. The Master code will not operate (unlock/lock) the lock.

**One Touch Locking:** When the latch is retracted, activating the keypad will extend the latch (during Automatic Re-lock duration or when Automatic Re-lock is disabled).

**Privacy Mode Button:** Pressing and holding the Privacy button (found below thumb turn) for a duration of four beeps deactivates the keypad, and because it is set from the inside, provides a secure lock for the convenience of the occupant(s).

**Wrong Code Entry Limit:** After five (5) unsuccessful attempts at entering a valid PIN code the unit will shut down and not allow operation.

**Shutdown time:** The unit will shutdown for a default of one hundred and eighty (180) seconds and not allow operation after the wrong code entry limit has been met. When the unit is in Shutdown, the Status Indicator flashes RED and BLUE; the keypad flashes as well.

**Tamper Alert:** Audible alarm sounds if attempting to forcibly remove outside lock from door.
Operation

Register Master PIN Code Before Programming

Step 1  Press the # key to enter Master PIN Code Registration.
Step 2  Press the 1 key followed by the # key.
Step 3  Enter a unique 4-8 digit Master PIN code followed by the # key.

Maximum number of user codes is ten (10).

Set Up User Codes

User Codes can only be programmed through the Master Code.

1. Enter the 4-8 digit Master PIN code followed by the # key.
2. Press the 2 key followed by the # key.
3. Press the 1 key followed by the # key.
4. Enter the User number to be registered 1-10) followed by the # key.
5. Enter a 4-8 digit PIN code for the User number followed by the # key.

Note: When registering User codes, the code must be entered with in 20 seconds. If time expires, no codes are registered and the process must be re-started.

Protect your privacy; always shield your PIN code entry.
Open Door with PIN Code

1. Enter PIN code.
2. Complete the code entry by pressing the # key.
3. Unlock.

Privacy Mode vs. All Code Lockout Mode

- All Code Lockout is a Menu feature (5) that restricts Pin code access (except Master).

- Privacy mode is set by pressing and holding the privacy button (found below thumbturn) for a duration of four beeps. This deactivates the keypad and sound, and because it is set from the inside, provides a secure and silent lock for the convenience of the occupant(s).

Both features can be enabled or disabled from the Main Menu.
1. Enter the 4-8 digit Master PIN code followed by the ⬤ key.
2. Enter digit corresponding to the function to be performed followed by the ⬤ key.

### Features
- **M PIN** denotes Master Pin
- **U PIN** denotes User PIN
- **U** denotes User Number
- PIN codes can be 4 to 8 digits in length
- The ⬤ key is used to enter or accept an entry, and also to end a programming session
- The ⬤ key is used either to enter or to continue additional steps in a programming sequence
MISCELLANEOUS

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Troubleshooting

Hardware Troubleshooting

Cycle the lock in both the locked and the unlocked positions. If problems are found:

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Suggested Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Door is binding</td>
<td>a. Check that door and frame are properly aligned and door is free swinging.</td>
</tr>
<tr>
<td></td>
<td>b. Check hinges: They should not be loose or have excessive wear on knuckles.</td>
</tr>
<tr>
<td>Bolt will not deadlock</td>
<td>a. Check for sufficient clearance of the bolt within the strike-side jamb. Correct this by</td>
</tr>
<tr>
<td></td>
<td>increasing the depth of the pocket for the bolt.</td>
</tr>
<tr>
<td></td>
<td>b. Check for misalignment of bolt and/or strike which may be preventing bolt from properly</td>
</tr>
<tr>
<td></td>
<td>entering the strike. With the door open, extend and retract the bolt; if it is smooth, check</td>
</tr>
<tr>
<td></td>
<td>the strike alignment.</td>
</tr>
<tr>
<td>Bolt does not extend or retract smoothly</td>
<td>a. Bolt and strike are misaligned, see above.</td>
</tr>
<tr>
<td></td>
<td>b. Check the backset of door relative to adjustments already made to bolt.</td>
</tr>
<tr>
<td></td>
<td>c. Verify proper door preparation and re-bore holes that are too small or misaligned.</td>
</tr>
<tr>
<td></td>
<td>d. Verify keypad cable/connector is routed under the bolt (see Fig. A)</td>
</tr>
<tr>
<td></td>
<td>e. Verify bolt is installed correct side up (Fig. A)</td>
</tr>
</tbody>
</table>

Figure A

Yale logo indicator light continually flashing Red/Blue. Remove interior escutcheon and check to ensure that the wire harness lies flat against the back recessed area and is properly routed along the side of the escutcheon and tucked under the plastic cable guide.
## Programming Troubleshooting

<table>
<thead>
<tr>
<th>Symptom</th>
<th>Suggested Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lock does not respond - door is open and accessible.</td>
<td>• Press each keypad button to see if they respond when pressed.</td>
</tr>
<tr>
<td></td>
<td>• Check batteries are installed and oriented correctly (polarity) in the battery case.</td>
</tr>
<tr>
<td></td>
<td>• Check batteries are in good condition; replace batteries if discharged.</td>
</tr>
<tr>
<td></td>
<td>• Check to see if cable is fully connected and not pinched.</td>
</tr>
<tr>
<td>Lock does not respond - door is locked and inaccessible.</td>
<td>• Lock may be in Privacy mode (set from inside room). Key will grant access.</td>
</tr>
<tr>
<td></td>
<td>• Batteries may be completely discharged.</td>
</tr>
<tr>
<td></td>
<td>• Use mechanical key to gain entry and replace batteries.</td>
</tr>
<tr>
<td>Unit chimes to indicate code acceptance, but the door will not open.</td>
<td>• Check to see if there is another locking device on the door.</td>
</tr>
<tr>
<td></td>
<td>• Check the door gaps for any foreign objects between door and frame.</td>
</tr>
<tr>
<td></td>
<td>• Check that the cable is firmly connected to the PC board.</td>
</tr>
<tr>
<td>Unit operates to allow access, but will not automatically re-lock.</td>
<td>• Check to see if Auto Re-lock Mode is enabled.</td>
</tr>
<tr>
<td></td>
<td>• Disable Auto Re-lock Mode to lock the door (automatically).</td>
</tr>
<tr>
<td></td>
<td>• If low battery indicator is lit (see below), change batteries.</td>
</tr>
<tr>
<td>PIN codes will not register</td>
<td>• PIN codes must consist of 4 to 8 digits to register.</td>
</tr>
<tr>
<td></td>
<td>• The same PIN code cannot be used for multiple users.</td>
</tr>
<tr>
<td></td>
<td>• Registration/management of PIN codes is set by the authority of the Master Code.</td>
</tr>
<tr>
<td></td>
<td>• Contact the Master user.</td>
</tr>
<tr>
<td></td>
<td>• User codes must be entered within 5 seconds or the process will have to be restarted.</td>
</tr>
<tr>
<td></td>
<td>• The star (*) or hash (#) cannot be used as part of the PIN code.</td>
</tr>
<tr>
<td>Upon entering a PIN code and pressing the star (*) key, the lock gives</td>
<td>• All Code Lockout Mode is enabled.</td>
</tr>
<tr>
<td>a series of beeps, flashes red and blue LEDs seven times, and does not</td>
<td>• Only the Master can enable/disable All Code Lockout Mode.</td>
</tr>
<tr>
<td>unlock.</td>
<td>• Contact the Master user.</td>
</tr>
<tr>
<td>Upon entering a PIN code and pressing the (*) key, there are different</td>
<td>• Check to see if the lock is set to All Code Lockout Mode.</td>
</tr>
<tr>
<td>tones.</td>
<td>• Setting/managing All Code Lockout Mode is done through Master Code only. Contact the Master user.</td>
</tr>
<tr>
<td>The unit operates, but it makes no sound.</td>
<td>• Set volume to high</td>
</tr>
<tr>
<td>The unit displays intermittent RED flashes.</td>
<td>• This is the Low Battery indicator alerting that it is time to replace the batteries. Replace all four (4) batteries* with new AA Alkaline batteries.</td>
</tr>
<tr>
<td>Upon entering a PIN code and pressing the star (*) key, the unit</td>
<td>• The digits entered were incorrect or incomplete. Re-enter the correct code followed by the star (*) key.</td>
</tr>
<tr>
<td>responds with a series of beeps and the keypad flashes three times.</td>
<td></td>
</tr>
</tbody>
</table>
To reset the lock to factory default, see the following:

Reset Lock to Factory Default

The following procedure returns the lock to its factory defaults by deleting all user codes (including the Master PIN code) and returning all programming features to their original default settings (see below).

1. Remove the batteries and then remove the interior escutcheon to access the rest button.
2. The reset button (see image at right) is located above the PCB cable connector.
3. Hold down the reset button for a minimum of 3 seconds and then reinstall the batteries; once the batteries are properly installed, released the reset button.

All features, should now be returned to factory default. Upon reset, Master Code Registration is the only option available and must be performed prior to any other programming of the lock.
See “Operation” in this manual for programming instructions.

Factory Default Settings

<table>
<thead>
<tr>
<th>Settings</th>
<th>Factory Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master PIN Code</td>
<td>Registration required*</td>
</tr>
<tr>
<td>Automatic Re-lock</td>
<td>Disabled</td>
</tr>
<tr>
<td>Inside Indicator Light</td>
<td>Enabled (On)</td>
</tr>
<tr>
<td>One Touch Locking</td>
<td>Enabled</td>
</tr>
<tr>
<td>Audio</td>
<td>Enabled</td>
</tr>
<tr>
<td>Privacy Mode</td>
<td>Disabled</td>
</tr>
<tr>
<td>Automatic Re-lock Time</td>
<td>10 Seconds</td>
</tr>
<tr>
<td>Wrong Code Entry Limit</td>
<td>5 Times</td>
</tr>
<tr>
<td>Shutdown Time</td>
<td>180 Seconds</td>
</tr>
</tbody>
</table>

*The Master PIN code must be registered prior to any other programming of the lock
How to Replace or Install Cylinder

1. Remove cylinder:
   A. Remove outside escutcheon from door.
   B. Remove rubber gasket.
   C. Remove two screws holding plastic guide in place
   D. Remove plastic guide.
   E. Remove screw with washer holding cylinder in place (visible after plastic guide is removed).
   F. Remove cylinder by pulling towards the door side of escutcheon. **Before installing cylinder, please be sure you have correct length tailpiece.**

2. Install new cylinder:
   A. Reverse previous steps for removing cylinder.
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