Yale Real Living® Assure Lock™ Touchscreen Deadbolt
Installation and Programming Instructions
(YRD226)

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT AND VOID THE FACTORY WARRANTY

Before you begin

DOWNLOAD THE BILT APP
for 3D interactive instructions & to register your product!

Optional Network Module

#8-32 x 5/16” Machine screws

#7 wood & #8-32 machine x 20mm Combination screws

M6x59.5mm Long through bolt

An ASSA ABLOY Group brand

P/N YRL-TSINSL-FUL Rev E
Preparing Door
Optional Fire Kit Parts
For Model YRD620 ONLY

Installing Optional Fire Cup
Inside of Door
1. Installing Latch & Strike Plate

Press
Pull

2-3/8” position

2-3/4” position

Bolt must be in retracted (unlocked) position. Note horizontal orientation of mechanism.
2 Installing Touchscreen Escutcheon

Bolt must be in retracted (unlocked) position. Note horizontal orientation of mechanism.
Installing Interior Mounting Plate

Loosen screw to remove cover.

x2
Attaching the Cable Assembly
Installing Interior Escutcheon

x3
Testing Operation

Bolt must be in retracted (unlocked) position before installing batteries.
Testing Operation
Installing Optional Network Module
Congratulations, you've installed the Yale Real Living® Assure Lock® Touchscreen Deadbolt (YRD226)!
Continue with Programming Instructions to customize your product.
Programming Instructions

Master PIN Code must be created before any further programming. Max User Codes = 250 with Network Module. Max User Codes = 25 without.

Lock Activation

OR

Exterior Escutcheon

"P" Key
(Return to Previous)

Interior Escutcheon

Low Battery Indicator

Lockout Mode

Privacy Mode Button

Speaker
Creating Master PIN Code

Creating a Master PIN Code must be performed upon installation or after resetting the lock to factory default. Programming and use of lock is not possible until this step has been successfully completed.

Enter 4-8 digit Master PIN Code.

"Register Master Code. Press the gear key to continue."

"Enter a 4 to 8 digit PIN code followed by the gear key."

"Registered."
Creating User PIN Codes

Master PIN code must be created first.
*Max user codes = 250 with Network Module. Max user codes = 25 without.

"Menu Mode, enter number, press the gear key to continue."

Enter Master PIN code
Press

Enter 4-8 digit PIN code
(code flashes)

Adding more User Codes:
Press
Enter 4-8 digit PIN code
Press

To end programming:
Press

P/N YRL-TSINSTL-FUL Rev E
3 Unlocking Door with PIN Code

Code Chart  Duplicate if necessary

<table>
<thead>
<tr>
<th>User Type</th>
<th>User Name</th>
<th>User #</th>
<th>PIN Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>User ___</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Resetting Lock to Factory Default

Interior Escutcheon

When lock is reset to factory defaults all user codes (including the Master PIN code*) are deleted and all programming features are reset to original default settings (see below).

1. Remove the battery cover and batteries.
2. Remove the interior escutcheon to access the reset button.
3. The reset button (see image at right) is located beside the PCB cable connector.
4. While pressing the reset button (minimum of 3 seconds) reinstall batteries. Release reset button.
5. Replace battery cover.

Upon reset, Master PIN Code creation is the only option available and must be performed prior to any other programming of the lock.
Factory Settings

<table>
<thead>
<tr>
<th>Settings</th>
<th>Factory Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master PIN Code</td>
<td>Registration <strong>required</strong>*</td>
</tr>
<tr>
<td>Automatic Re-lock</td>
<td>Disabled</td>
</tr>
<tr>
<td>Automatic Re-lock Time</td>
<td>30 Seconds</td>
</tr>
<tr>
<td>Escape Return Mode (Model YRD620 only)</td>
<td>Disabled</td>
</tr>
<tr>
<td>Inside Indicator Light</td>
<td>Disabled (Off)</td>
</tr>
<tr>
<td>Language Setting</td>
<td>English</td>
</tr>
<tr>
<td>Lockout Mode</td>
<td>Disabled</td>
</tr>
<tr>
<td>One Touch Locking</td>
<td>Enabled</td>
</tr>
<tr>
<td>Privacy Setting</td>
<td>Disabled</td>
</tr>
<tr>
<td>Shutdown Time</td>
<td>60 Seconds</td>
</tr>
<tr>
<td>Volume Setting</td>
<td>Enabled (Low)</td>
</tr>
<tr>
<td>Wrong Code Entry Limit</td>
<td>5 Times</td>
</tr>
</tbody>
</table>

*The Master PIN code must be registered prior to any other programming of the lock.
Definitions

**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 RED locked padlock will appear on the screen.

**Automatic Re-lock Time:** After a successful code entry and the unit unlocks, it will automatically re-lock after thirty (30) seconds.

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

**Language Setting Mode:** Choosing English (1), Spanish (2) or French (3) becomes the (default) setting for the lock’s voice prompts.

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

**Master PIN Code:** The Master PIN code is used for programming and for feature settings. It must be created prior to programming the lock. The Master code will also operate (unlock/lock) the lock.

**Network Module Setting:** With the optional Network Module installed, this setting becomes available thru the Main Menu (7) and allows the lock to connect with a network controller.

**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). When One-Touch Re-lock is not in use (disabled), any valid PIN code will re-lock the lock.

**Previous:** While in Menu Mode, pressing this icon cancels the current operation and returns the user to the previous step.

**Privacy Mode:** Privacy mode is disabled by default. Enable Privacy Mode by pressing the privacy button for 4 seconds to put the lock in do-not-disturb mode (all pin codes are disabled).

**Shutdown Time:** The unit will shutdown (flashing RED) for sixty (60) seconds and not allow operation after the wrong code entry limit (5 attempts) has been met.

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

**User PIN Code:** The User code operates the lock. Maximum number of user codes is 250 with Network Module; without Network Module, maximum is 25 user codes. Note: When deleting User PIN code(s), screen will display User Number (not PIN code) being deleted.

**Volume Setting Mode:** The volume setting for PIN code verification is set to Low (2) by default; otherwise it can be set to High (1) or Silent (3) for quiet areas.

**Wrong Code Entry Limit:** After five (5) unsuccessful attempts at entering a valid PIN code, the unit will shut down and not allow operation.
Model YRD226 Feature Programming Through Menu Mode Using Master PIN code*

1. Touch screen with back of hand or palm to activate.
2. Enter 4-8 digit master PIN code* followed by key.
   Lock Response: "Menu mode, enter number, press key to continue."
3. Enter digit corresponding to the function to be performed followed by the key.
   Follow the voice commands.

*The Master PIN code must be registered prior to any other programming of the lock.

**This function appears only with network module installed.

Default settings in bold.
Model YRD620 Feature Programming Through Menu Mode Using Master PIN code*

1. Touch screen with back of hand or palm to activate.
2. Enter 4-8 digit master PIN code* followed by the key.
   Lock Response: "Menu mode, enter number, press key to continue."
3. Enter digit corresponding to the function to be performed followed by the key.
   Follow the voice commands.

*The Master PIN code must be registered prior to any other programming of the lock.

![Diagram of programming steps]

1. Master PIN Code Setting
2. User PIN Code Registration
3. Advanced Lock Settings
4. Volume Setting
5. Language Setting Mode
6. Lockout Mode
7. Set Up SEOS Card

Default settings in bold.

*If Escape Return Mode is enabled, Automatic Re-lock cannot be enabled.
## 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>- Touchscreen becomes active when pressed w/whole hand. Use a larger area of the hand or fingers and verify contact with at least 3 areas.</td>
</tr>
<tr>
<td></td>
<td>- If touchscreen numbers are visible, check 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 touchscreen harness is fully connected and not pinched.</td>
</tr>
<tr>
<td>Lock does not respond – door is locked and inaccessible.</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 is on for a while then shows no reaction. Lights dim.</td>
<td>- Batteries do not have enough power. Replace batteries*.</td>
</tr>
<tr>
<td>Unit chimes to indicate code acceptance, but the door will not open.</td>
<td>- Check the door gaps for any foreign objects between door and frame.</td>
</tr>
<tr>
<td></td>
<td>- Check that the wire harness is firmly connected to the PCB.</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, which is set first.</td>
</tr>
<tr>
<td></td>
<td>- Contact the Master user.</td>
</tr>
<tr>
<td></td>
<td>- User codes must be entered within 5 seconds (while touchscreen is active) or process will have to be restarted.</td>
</tr>
<tr>
<td></td>
<td>- Check ✓ or gear ○ cannot be used as part of the PIN code.</td>
</tr>
<tr>
<td>Upon entering a PIN code and pressing ✓ key, the unit displays “invalid code” error or lock times out without responding.</td>
<td>- Lockout Mode is enabled.</td>
</tr>
<tr>
<td></td>
<td>- Only the Master can enable/disable Lockout Mode.</td>
</tr>
<tr>
<td></td>
<td>- Contact the Master user.</td>
</tr>
<tr>
<td>Upon entering a PIN code and pressing ✓ key, the red padlock icon appears and there are different tones.</td>
<td>- Check to see if the lock is set to Lockout Mode.</td>
</tr>
<tr>
<td></td>
<td>- Setting/managing 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>- Check to see if Silent Mode is enabled (see Feature #4).</td>
</tr>
<tr>
<td>The unit responds “Low Battery”.</td>
<td>- This is the alert 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 ✓ key, the unit responds “Wrong number of digits”.</td>
<td>- The digits entered were incorrect or incomplete. Re-enter the correct code followed by the check ✓ key.</td>
</tr>
</tbody>
</table>

* When batteries are replaced, Network Module locks have a real time clock that will be set through the User Interface (UI); it is recommended to verify correct date and time particularly those locks operating under Daylight Saving Time (DST).

** Network Module locks only
Changing Lock: Replacing Cylinder

1. To Remove cylinder:
   A. Remove outside escutcheon from door.
   B. Remove rubber gasket.
   C. Insert small flathead screwdriver under spring. Gently lift spring.
      Note: Notch on top of cylinder engages spring.
   D. Remove cylinder by pulling outward towards outside of door.

Before installing cylinder, be sure tailpiece is correct length (see below).

2. To install new cylinder:
   A. Reverse previous steps for removing cylinder.

*Requires addition of Thin Door Kit.

Tailpiece

- \( T = 0.098" (2.5mm) \)
- \( W = 0.2" (5.2mm) \)
FCC:  
Class B Equipment  
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications to this device, not expressly approved by Yale Security Inc. could void the user’s authority to operate the equipment.

Industry Canada:  
This Class A digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations. Cet appareillage numérique de la classe A répond à toutes les exigences de l’interférence canadienne causant des règlements d’équipement.

Yale Locks & Hardware  
Product Support Tel 800.810.WIRE (9473) • www.yalelocks.com  
Yale Locks & Hardware is a division of Yale Security Inc., an ASSA ABLOY Group company.

Yale® and Yale Real Living® are registered trademarks of Yale Security Inc., an ASSA ABLOY Group company.  
Copyright © 2016, Yale Security Inc., an ASSA ABLOY Group company.  
All rights reserved. Reproduction in whole or in part without the express written permission of Yale Security Inc. is prohibited.

YALE, with its unique global reach and range of products, is the world’s favorite lock – the preferred solution for securing your home, family and personal belongings.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.