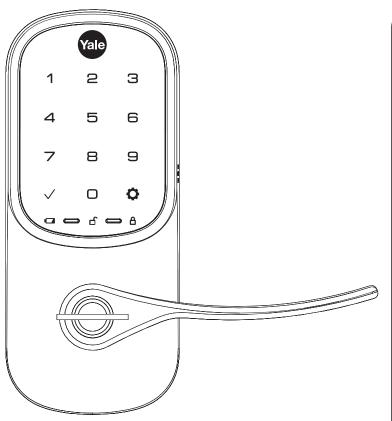
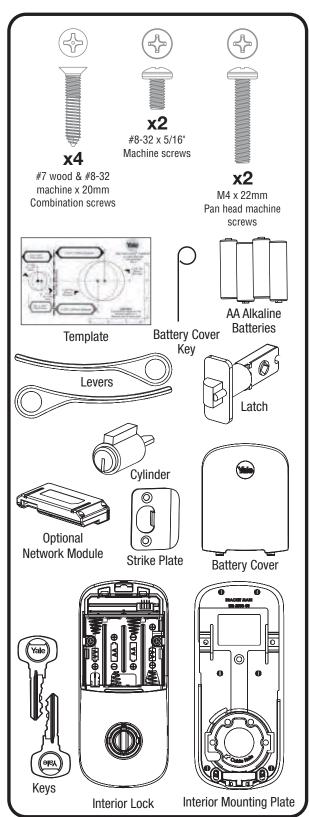


#### Yale° Assure Lock° Lever Touchscreen Installation and Programming Instructions (YRL226)



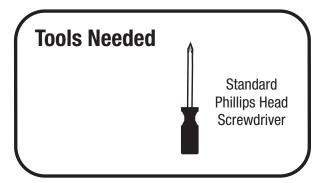




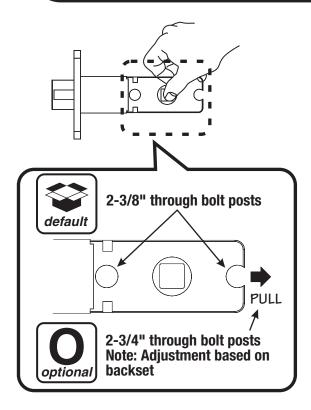
FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN DAMAGE TO THE PRODUCT AND VOID THE FACTORY WARRANTY

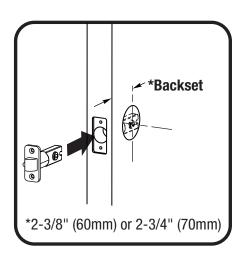


### **Preparing to Install**



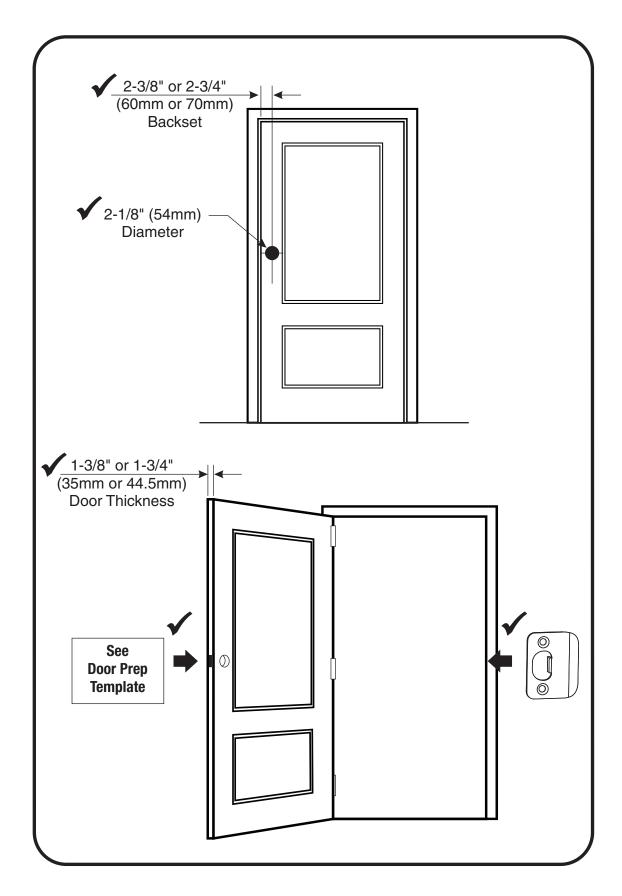








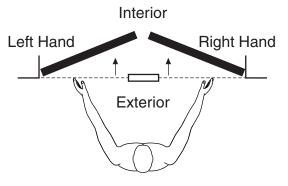
# **Checking Measurements**





### **Determining Door Handing**

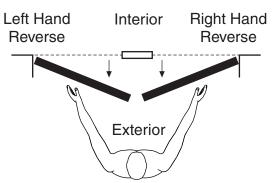
#### **Inswinging Door**



Face a door swinging open away from you.

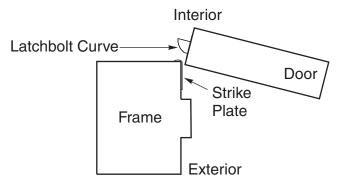
If it swings open to the right, it is a right hand door. If it swings open to the left, it is a left hand door.

#### **Outswinging Door**

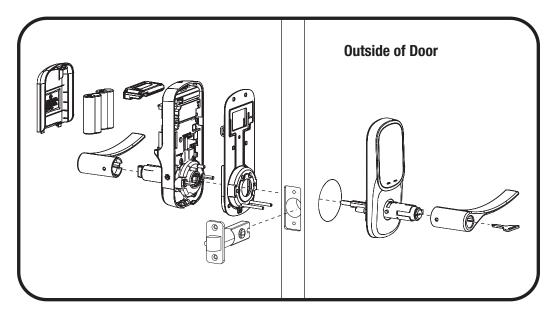


Face a door swinging open toward you.

If it swings open to the right, it is a right hand reverse door. If it swings opens to the left, it is a left hand reverse door.



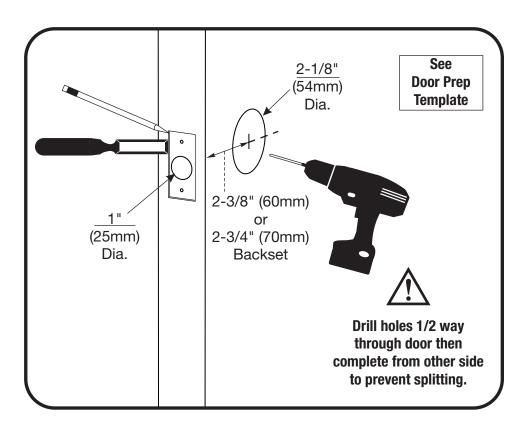
Curve of latchbolt must contact strike plate first.

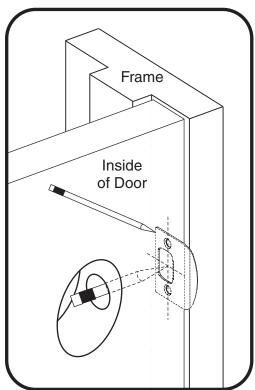


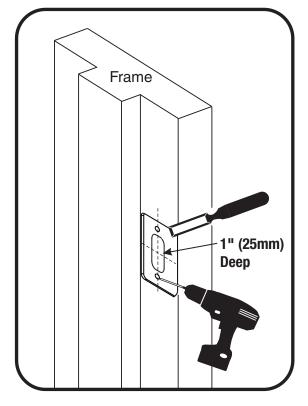


### **Preparing Door & Frame**

Necessary for new doors or adjusting existing prep.







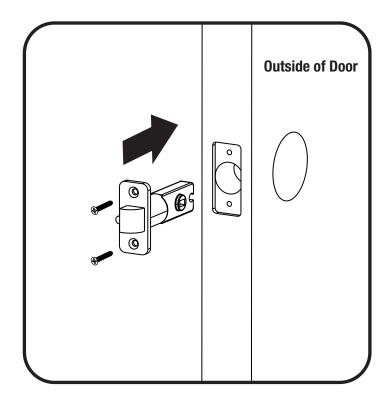


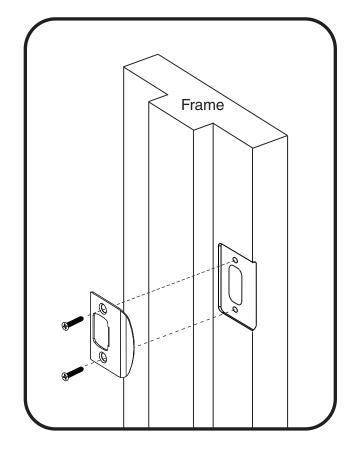
# **Installing Latch & Strike Plate Right Hand Installation Shown**





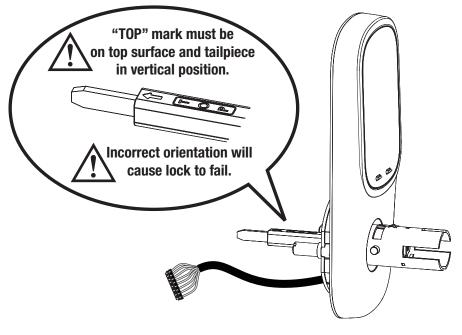


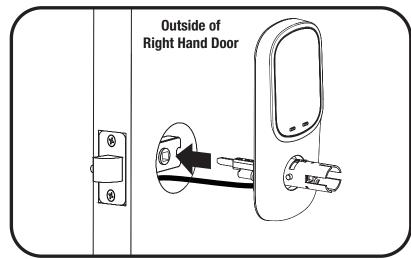






# **Installing Touchscreen Right Hand Installation Shown**





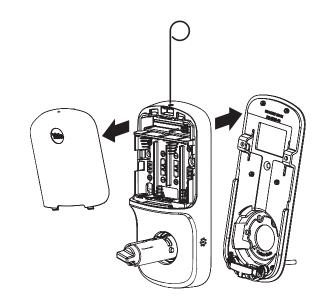


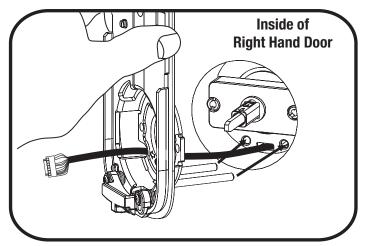


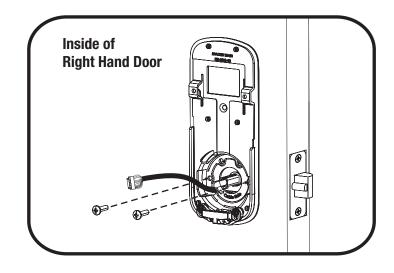
# **Installing Interior Mounting Plate Right Hand Installation Shown**





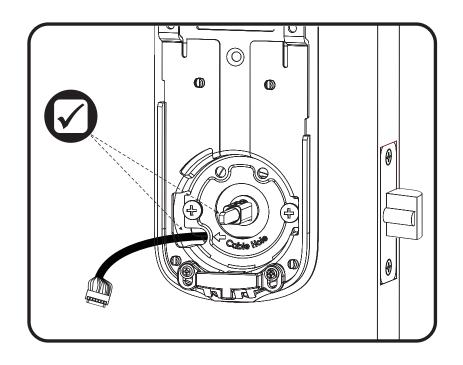


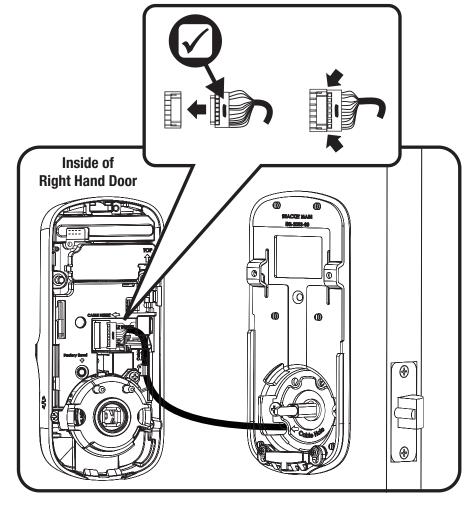






# **Attaching the Cable Assembly Right Hand Installation Shown**



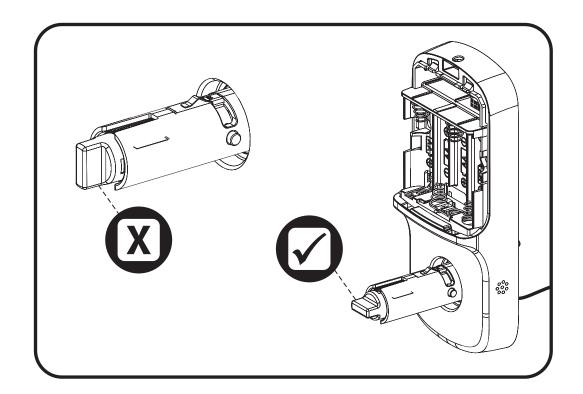


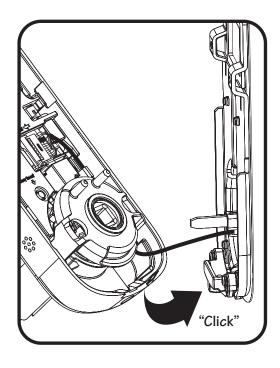


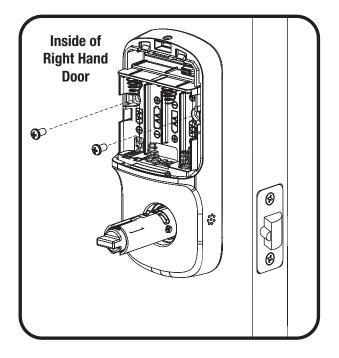
## **Installing Interior Lock Right Hand Installation Shown**





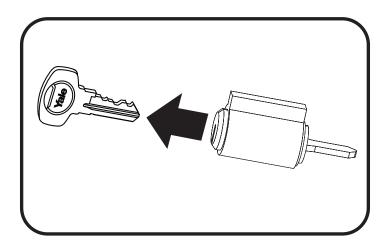


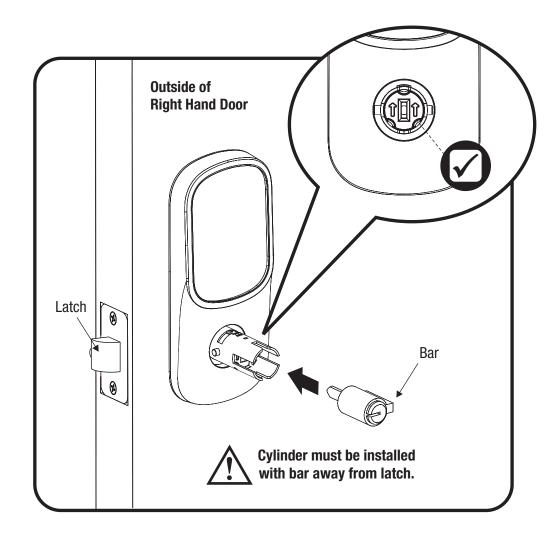




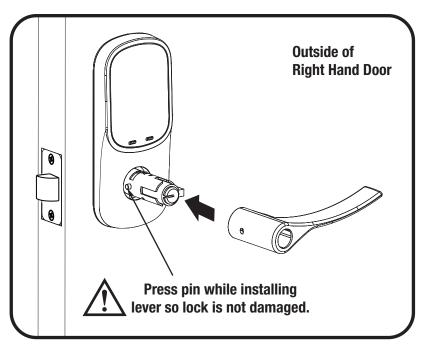


# **Installing Exterior Cylinder**



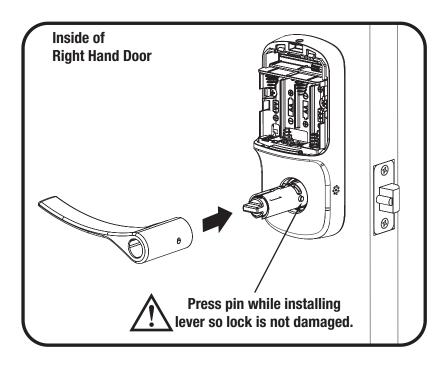








# **Installing Interior Lever**

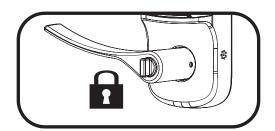


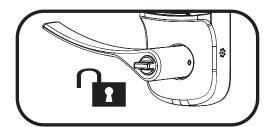


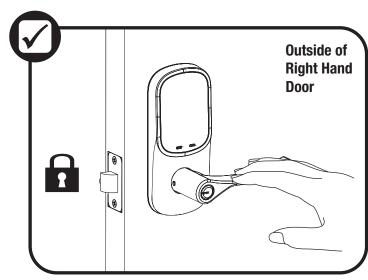
# **Testing Thumbturn Operation**

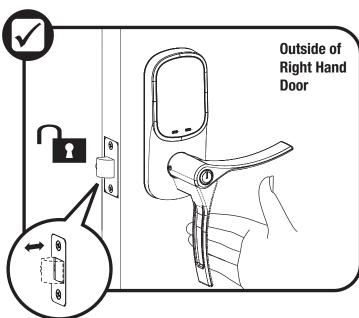


Test with door open.









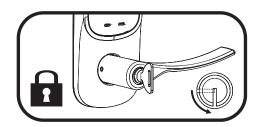


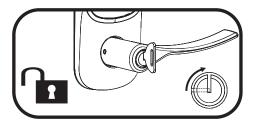
If thumbturn operation test fails, check installation beginning with Step 3.

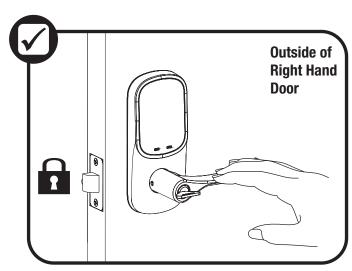


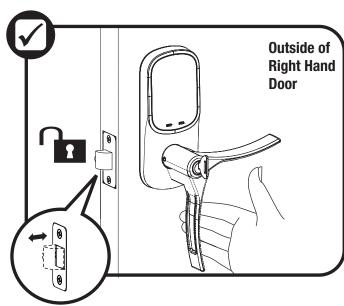
# **Testing Key Operation**







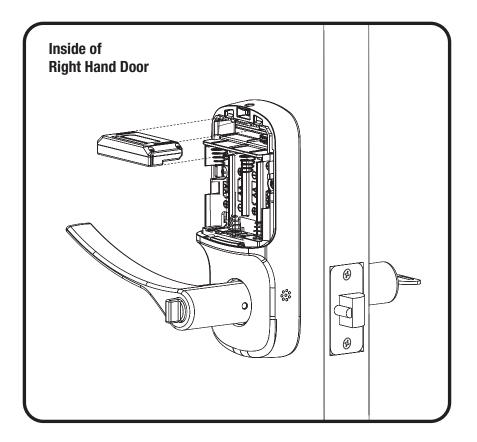




If key operation test fails, check installation beginning with Step 6.



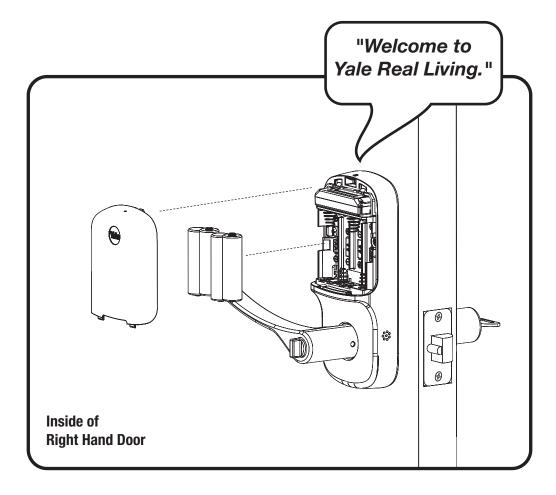
# **Installing Optional Network Module**



NOTE: If a network module was included with your lock, it is in a separate box with additional module installation instructions.



# **Installing Batteries & Cover**



Congratulations, you've installed the Yale® Assure Lock® Lever Touchscreen (YRL226)!

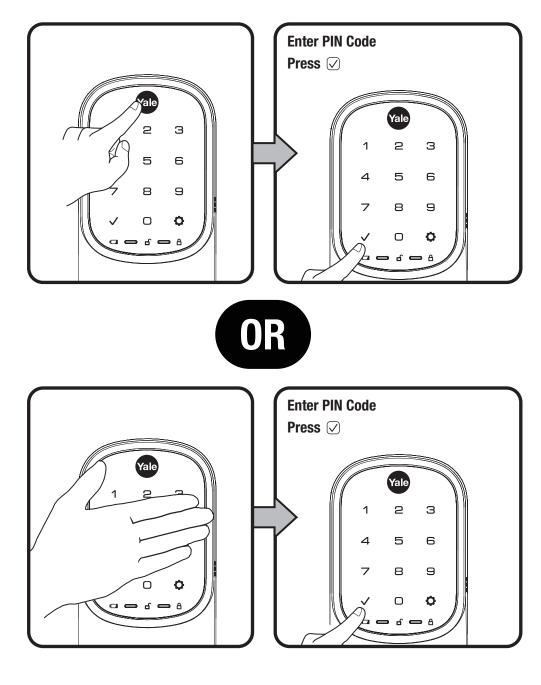
Programming Instructions will help you customize your product.



# **Testing Touchscreen Operation**



A Master PIN Code must be created 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. See ① of Programming Instructions below.

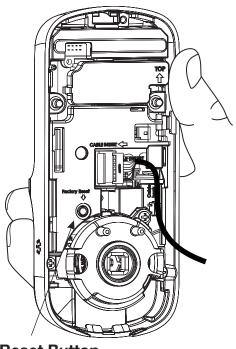


**!** 

If touchscreen operation test fails, check installation beginning with Step 2.

### **Resetting Lock to Factory Default**

#### **Interior Lock**



**Reset Button** 

When resetting the lock, all user codes, including the Master PIN code\*, are deleted. All programming features are reset to original default settings. See "Factory Settings".

- 1. Remove the battery cover and batteries.
- 2. Remove the interior lock to access the reset button.
- 3. The reset button (see image above) is marked.
- 4. Re-insert 3 batteries and hold the reset button for 3 seconds.
- 5. While still holding the reset button, insert the 4th battery, and hold the reset button for an additional 3 seconds.
- 6. Release the reset button.
- 7. Re-install the interior lock onto the door.
- \*Upon reset, Master PIN Code creation is the only option available and must be performed prior to any other programming of the lock.

### **Changing Lock: Replacing Cylinder**

#### 1.To Remove cylinder:

See installation Step 6 "Installing Exterior Lever" and reverse appropriate actions to remove the exterior lever handle and cylinder.

#### 2.To install new cylinder:

- A. Follow appropriate actions of installation Step 6 "Installing Exterior Lever" to replace the cylinder and exterior lever handle.
- B. Test operation of new cylinder and key by following "Testing Operation".

#### **Factory Settings**

Settings	Factory Setting	
Master PIN Code	Registration <i>required*</i>	
Automatic Re-lock	Disabled	
Automatic Re-lock Time	30 Seconds	
Inside Indicator Light	Disabled (Off)	
Language Setting Mode	English	
Lockout Mode	Disabled	
One Touch Locking	Enabled	
Shutdown Time	60 Seconds	
Volume Setting	Low	
Wrong Code Entry Limit	5 Times	

<sup>\*</sup>The Master PIN code must be created prior to any other programming of the lock.

#### **Hardware Troubleshooting**

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

Tailpiece and spindle will not mate and fit into the interior escutcheon

- a. Ensure that your door is between 1-3/8" and 1-3/4" thick
- b. Ensure that the square shaped spindle has "Top" writing and arrow facing upwards
- c. Place the tailpiece in the vertical position
- d. Verify that the thumb turn is in the horizontal (unlocked) position

Thumbturn does not rotate electronically or physically

- a. Verify that inside of the lock is properly seated on the mounting bracket
- b. Ensure that the square shaped spindle has "Top" writing and arrow facing upwards
- c. Place the tailpiece in the vertical position
- d. Verify that the thumb turn is in the horizontal (unlocked) position

I'm getting an alert when I try to lock or unlock the door electronically

- a. Do not turn or depress the lever during operation, this could cause a jam alarm
- b. Check that thumb turn does not have anything preventing it from physically rotating
- c. Verify that you can rotate thumb turn freely

My lock is not making any sound when I push buttons

- a. Using the programming tree in the manual to verify that Audio is enabled
- b. If Audio is enabled, ensure that the white cable, that connects the keypad to the interior of the lock, is not pinched or broken

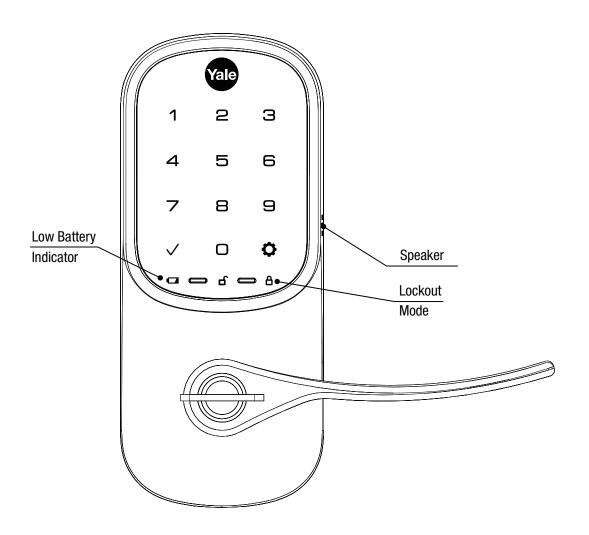
When rotating the thumbturn I hear noise

- a. A little bit of noise is normal when operating the thumbturn
- b. If cranking, grinding or clicking occurs please verify your installation

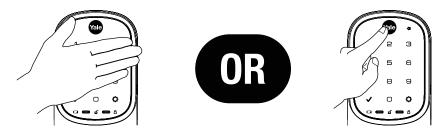
The locking pins will not retract when I try to install the levers

a. If the thumb turn is in vertical (locked) position, rotate the thumb turn the horizontal (unlocked) position and it will retract

### **Programming Instructions**



#### **Lock Activation**



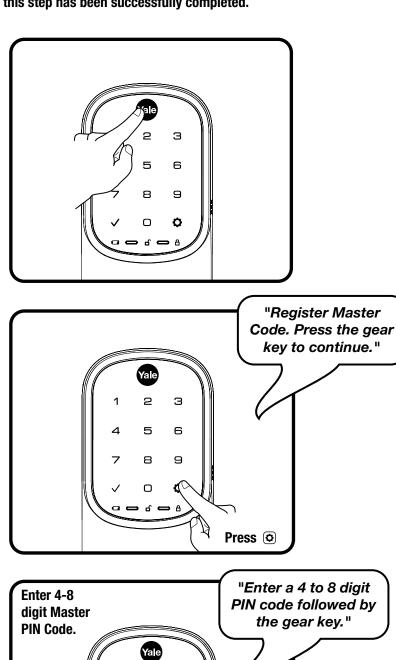
Master PIN Code must be created before any further programming.

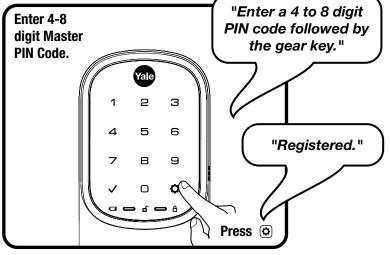
Max User Codes = 250 with Network Module. Max User Codes = 25 without.



### **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.



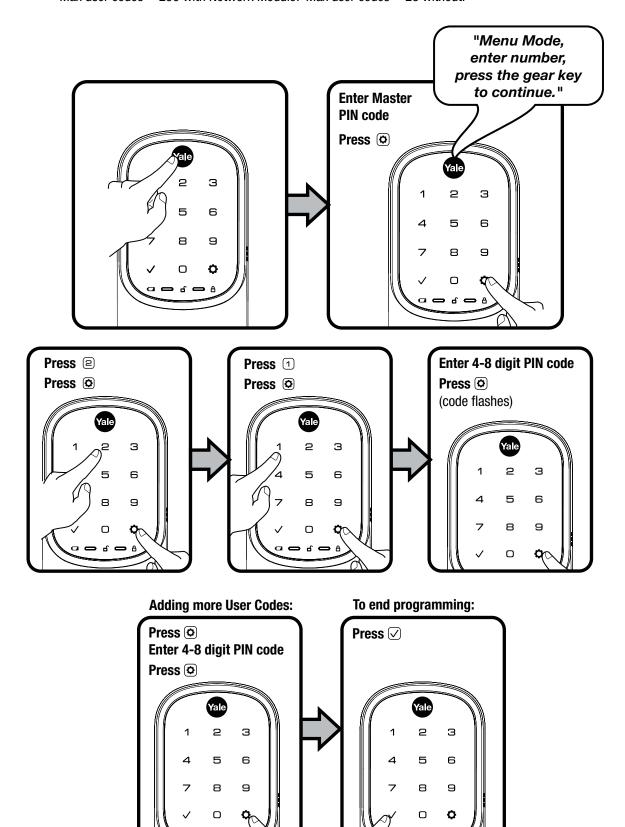




# **Creating User PIN Codes**

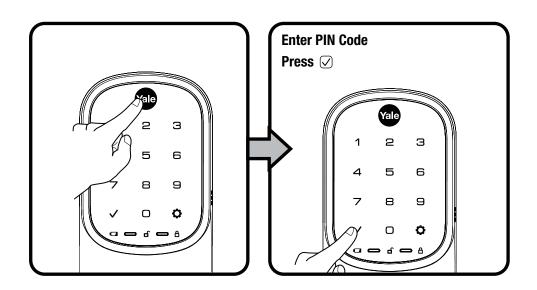
Master PIN code must be created first.

\*Max user codes = 250 with Network Module. Max user codes = 25 without.





# **Unlocking Door with PIN Code**



### Code Chart Duplicate if necessary

PIN Code Management (With Network Module Up to 250 Users)	PIN Code
Master:	
User Name:	

#### **Definitions**

**All Code Lockout Mode:** This feature is enabled by the Master code. When enabled, it restricts all user (except Master) PINcode 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) (default)**, Spanish (2) or French (3) becomes the 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.

**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.

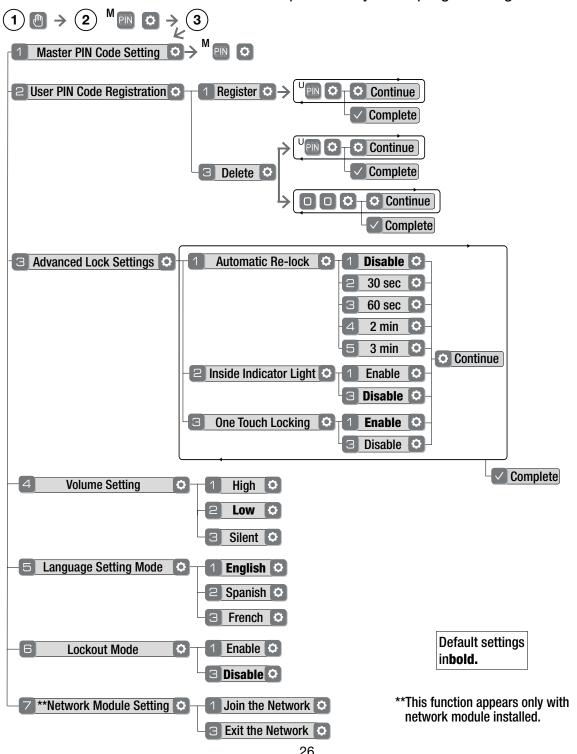
**Volume Setting:** The volume setting for PIN code verification is set to **Low (2)** by default; otherwise it can be set to High (1) or Silent (3) for quiet areas.

**Wrong Code Entry Limit**: After five (5) unsuccessful attempts at entering a valid PINcode, the unit will shut down and not allow operation for sixty (60) seconds.

# Feature Programming Through Menu Mode Using Master PIN code\*

- 1. Touch Yale logo or 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 created prior to any other programming of the lock.



### **Programming Troubleshooting**

Symptom	Suggested Action
Lock does not respond – door is open and accessible.	<ul> <li>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.</li> <li>If touchscreen numbers are visible, check to see if they respond when pressed.</li> <li>Check batteries are installed and oriented correctly (polarity) in the battery case.</li> <li>Check batteries are in good condition; replace batteries* if discharged.</li> <li>Check to see if touchscreen harness is fully connected and not pinched.</li> </ul>
Lock does not respond – door is locked and inaccessible.	Batteries may be completely discharged.
Unit is on for a while then shows no reaction. Lights dim.	Batteries do not have enough power. Replace batteries*.
Unit chimes to indicate code acceptance, but the door will not open.	<ul> <li>Check the door gaps for any foreign objects between door and frame.</li> <li>Check that the wire harness is firmly connected to the board.</li> </ul>
Unit operates to allow access, but will not automatically re-lock.	<ul> <li>Check to see if Auto Re-lock Mode is enabled.</li> <li>Disable Auto Re-lock Mode to lock the door (automatically).</li> <li>If low battery indicator is lit (see below), change batteries*.</li> </ul>
Entry codes will not register.	<ul> <li>Entry codes must consist of 4 to 8 digits to register.</li> <li>The same entry code cannot be used for multiple users.</li> <li>Registration/management of entry codes is set by the authority of the Master Code, which is set first.</li> <li>Contact the Master user.</li> <li>User codes must be entered within 5 seconds (while touchscreen is active) or process will have to be restarted.</li> <li>Check vor gear cannot be used as part of the entry code.</li> </ul>
Upon entering an entry code and pressing \( \sqrt{e} \) key, the unit displays "invalid code" error or lock times out without responding.	<ul> <li>All Code Lockout Mode is enabled.</li> <li>Only the Master user can enable/disable All Code Lockout Mode.</li> <li>Contact the Master user.</li> </ul>
Upon entering an entry code and pressing the  wey, the red padlock icon appears and there are different tones.	<ul> <li>Check to see if the lock is set to All Code Lockout Mode.</li> <li>Setting/managing All Code Lockout Mode is done through Master Code only. Contact the Master user.</li> </ul>
The unit operates, but it makes no sound.	Check to see if Silent Mode is enabled (see Feature #4).
The unit responds "Low Battery"	This is the alert to replace the batteries. Replace all four (4) batteries* with new AA Alkaline batteries.
Upon entering an entry code and pressing the  key, the unit responds "Wrong number of digits".	The digits entered were incorrect or incomplete. Re-enter the correct code followed by the check key.

<sup>\*</sup>When batteries are replaced, Smart 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).

#### 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 ASSA ABLOY Residential Group 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 1-855-213-5841 • www.yalehome.com

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#### Yale® Z-Wave® Plus Smart Module Installation Guide

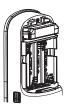
Please use this procedure only when network primary controller is missing or otherwise inoperable.



#### Adding a Yale Z-Wave® Plus Smart Module to your Assure Lock & Z-Wave System

- 1. Install the Yale Smart Module into the slot above the battery compartment **IMPORTANT:** The batteries must be removed before removing the Yale Smart Module:
  - Remove battery cover
  - Remove batteries
  - Insert or remove Yale Smart Module
  - Reinstall batteries
  - Reinstall battery cover







- 2. Open the Z-Wave system's smart home or alarm app on your smartphone or tablet
- 3. Follow the in-app instructions for adding a new device
- 4. On your lock keypad, enter your master entry code followed by the ( icon
- 5. Press the 7 key followed by the 🖸 icon
- 6. Press the 1 key followed by the ( icon

#### Removing a Yale Z-Wave® Plus Smart Module from your Assure Lock & Z-Wave System

- 1. On your lock keypad, enter your master entry code followed by the 🖸 icon
- 2. Press the 7 key followed by the ( icon
- 3. Press the 3 key followed by the 🗘 icon
- 4. Open the Z-Wave system's smart home or alarm app and follow the instructions for removing a device
- 5. Remove the Yale Smart Module from the slot above the battery compartment **IMPORTANT:** The batteries <u>must</u> be removed before removing the Yale Smart Module:
  - Remove battery cover
  - Remove batteries
  - Insert or remove Yale Smart Module
  - Reinstall batteries
  - Reinstall battery cover







6. If you're adding a new Yale Smart Module, follow the instructions included with it



**Warning:** Changes or modifications to this device, not expressly approved by ASSA ABLOY Residential Group could void the user's authority to operate the equipment.

This device is a security enabled Z-Wave Plus product that is able to use encrypted Z-Wave Plus messages to communicate to other security enabled Z-Wave Plus products. This device must be used in conjunction with a Security Enabled Z-Wave Controller in order to fully utilize all implemented functions. This product can be operated in any Z-Wave network with other Z-Wave certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

#### FCC:

Contain FCC ID: U4A-YRHCPZW0FM

Model: YRMZW2-US

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.

THIS DEVICE COMPLIES WITH PART 15 OF THE FCC RULES. OPERATION IS SUBJECT TO THE FOLLOWING TWO CONDITIONS.

(1) THIS DEVICE MAY NOT CAUSE HARMFUL INTERFERENCE, AND (2) THIS DEVICE MUST ACCEPT ANY INTERFERENCE RECEIVED, INCLUDING INTERFERENCE THAT MAY CAUSE UNDESIRED OPERATION.

Industry Canada:

Contain IC: 6982A-YRHCPZW0FM

Model: YRMZW2-US

**Section 7.1.2 of RSS-GEN** Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain

should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

En vertu des règlements d'Industrie Canada, cet émetteur radio ne peut fonctionner avec une antenne d'un type et un maximum (ou moins) approuvés pour gagner de l'émetteur par Industrie Canada. Pour réduire le risque d'interférence aux autres utilisateurs, le type d'antenne et son gain doivent être choisies de façon que la puissance isotrope rayonnée équivalente (PIRE) ne dépasse pas ce qui est nécessaire pour une communication réussie.

**Section 7.1.3 of RSS-GEN** This Device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme avec Industrie Canada RSS standard exemptes de licence(s). Son fonctionnement est soumis aux deux conditions suivantes: 1) ce dispositif ne peut causer des interférences, et 2) cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

This radio transmitter 6982A-YRHCPZW0FM has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Le présent émetteur radio 6982A-YRHCPZW0FM a été approuvé par Industrie Canada pour fonctionner avec les types d'antenne énumérés ci-dessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué, sont strictement interdits pour l'exploitation de l'émetteur.

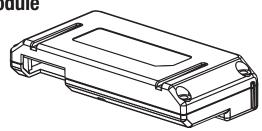
CAN ICES-3B/NMB-3B

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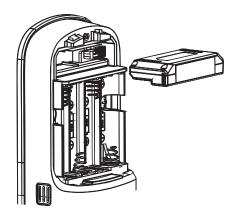
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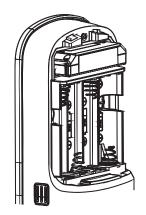


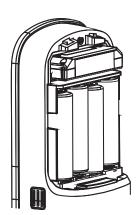


**IMPORTANT:** the batteries <u>must</u> be removed prior to removing and/or inserting the network module:

- Remove battery cover.
- · Remove batteries.
- Remove and/or insert network module.
- · Reinstall batteries.
- Replace cover.







#### **Enrolling/Unenrolling the Network Module:**

This device is a security enabled ZigBee product that is able to use encrypted ZigBee messages to communicate to other security enabled ZigBee products. This device must be used in conjunction with a Security Enabled ZigBee Controller in order to fully utilize all implemented functions. This product can be operated in any ZigBee network with other ZigBee certified devices from other manufacturers. All non-battery operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network.

To Enroll the Module (Inclusion Mode):

- Enter the 4-8 digit Master PIN code followed by the key.
- Press the 7 key followed by the key.
- Press the 1 key followed by the key.

To Unenroll the Module (Exclusion Mode):

- Enter the 4-8 digit Master PIN code followed by the key.
- Press the 7 key followed by the key.
- Press the key followed by the key.

FCC:

FCC ID: U4A-YRHCPZB0FM

Model: YRMZB2

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by manufacturer could void the user's authority to operate the equipment.

**IMPORTANT!** Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

Industry Canada: IC: 6982A-YRHCPZB0FM

Model: YRMZB2

This Device complies with Industry Canada License-exempt RSS standard(s). Operation is subject to the following two conditions: 1) this device may not cause interference, and 2) this device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, meme si le brouillage est susceptible d'en compromettre le fonctionnement.

#### **Important Note:**

#### **Radiation Exposure Statement:**

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

### Note Importante: (Pour l'utilisation de dispositifs mobiles)

#### **Declaration d'exposition aus radiations:**

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipment doit être installé et utilisé avec un mimimum de 20 cm de distance entre la source de rayonnement et votre corps.

IMPORTANT! Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

IMPORTANT! Tous les changements ou modifications pas expressément approuvés par la partie responsable de la conformité ont pu vider l'autorité de l'utilisateur pour actioner cet équipment.

CAN ICES-3B/NMB-3B

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