

Yale Pro[®] 2

Keyed YRD614 / YRD624



Download Yale Access App

Create an account if you don't already have

one, and tap "Set Up a Device".

Note: If you have an account with the August App, use the same username and password for the Yale Access App.

Install Your Lock

Follow the step-by-step Installation Guide in this manual (pages 9-23), or refer to the app for installation instructions with helpful videos. Note: If you use the app, please tear off the Door Checker and the Marking Template (pages 5-8) to use when prompted.

Set Up and Use Your Lock

Create permanent entry codes, issue entry codes for guests, operate your lock with your phone and more (pages 24-35).

GET IT ON

Yale

access

Google Pla

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P/N YRD604-KD-BLE-0047 Rev A

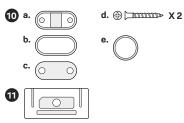
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In the Box

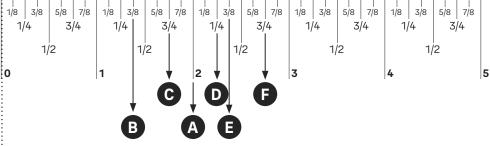


Add-Ons



- 9 a. 🕀 📖 🗛 🗴
 - b. 🕀 🗍 📰 🗰 X 2
 - c. 🕀 🗍 📰 🗰 X 2
 - d. 🕀 🗍 📰 🗰 X 2

- 1. Exterior Keypad
- 2. Interior Lock
- 3. Strike Plate
- 4. Adjustable Deadbolt & Key
- 5. Manual
- 6. Reset Pin
- 7. Mounting Plate
- 8. AA Batteries
- 9. Screws
 - a. Strike Plate and Deadbolt Screws
 - b. Teal Screw Set B
 - c. Black Screw Set C
 - d. Silver Screw Set D
 - e. Optional Security Strike Plate Screws
- 10. DoorSense
 - a. Housing
 - **b.** Cover
 - c. Mounting Tape
 - d. Screws
 - e. Flush Mount Cap
- **11.** Smart Module (Included with select models)



Door Checker Part 1

A. 2" minimum clearance between top

of the door knob and center of deadbolt

Measure Clearance

✓ Greater than A

hole.

× Less than A (Your door is not a match)

Measure Door Thickness

- B, C or D
- × Less than B or greater than D (Your door is not a match)
- **B.** 1-3/8" door thickness; use **teal**
- (shortest) screws.
- **C.** 1-3/8" 1-3/4" door thickness;
- use black (medium) **screws**.
- **D.** 1-3/4" 2-1/4" door thickness;

use **silver** (longest) **screws**.

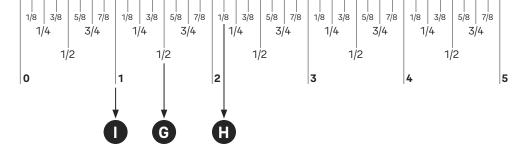
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- Measure Backset
- Equals E or F
- × Doesn't equal E or F (Your door is not a match)

See Reverse for Part 2 \rightarrow

- **E.** 2-3/8" backset, use out of box latch setting.
- F. 2-3/4" backset, adjust latch setting
- (Step 2, point 1 of this manual).



Door Checker Part 2

Measure Face Bore

✓ Equals G or H

Less than G
 (Adjust diameter to G or H)

× Greater than H (Your door is not a match)



Measure Edge Bore and Strike Pocket

Equals I
 Less than I

(Adjust diameter to I)

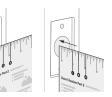
× Greater than I

(Your door is not a match)

Door (Edge Bore)



Frame (Strike Pocket)



Diameter

0

Depth

See Reverse for Part 1 \rightarrow

G. 1-1/2" face bore diameter.H. 2-1/8" face bore diameter.

I. 1" edge bore diameter;

1" strike pocket diameter and depth.

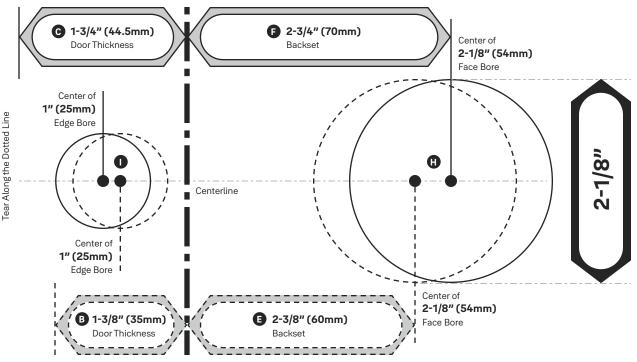


Minimum strike pocket depth is 1".

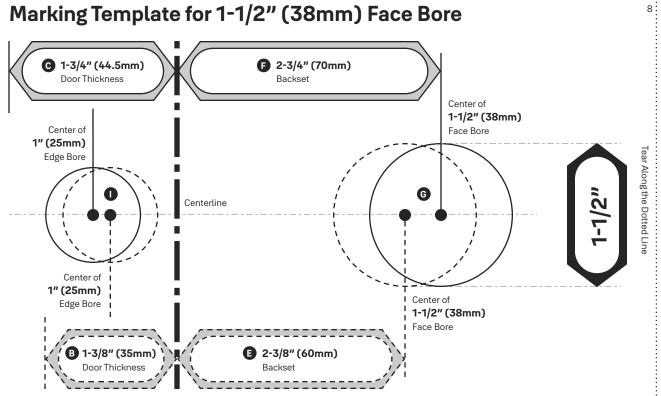
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Marking Template for 2-1/8" (54mm) Face Bore



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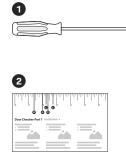


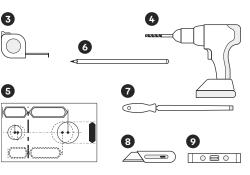
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Installation Guide

Required Tools







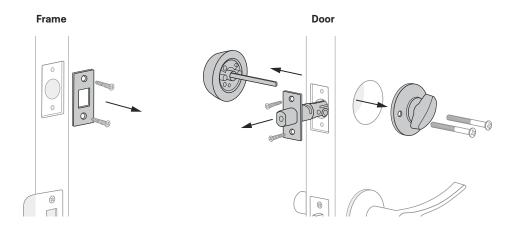
- 1. Phillips Head Screwdriver
- 2. Door Checker (tear off pages 5-6 of this manual)
- 3. Tape Measure
- 4. Drill
- 5. Marking Template (tear off pages 7-8 of this manual)
- 6. Pencil
- 7. Wood Mortise Chisel
- 8. Utility Knife
- 9. Level

A Failure to follow the Installation Guide precisely could result in damage to the product, voiding the factory warranty, and could lead to failure of the product to provide access.

1a Remove Existing Deadbolt

If you have a new door, please proceed to step 1b. ightarrow

If you have a deadbolt on your door, use the diagram to help you remove it.



Keep your old deadbolt until your new lock has been successfully installed.

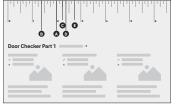
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1b Check Door Measurements

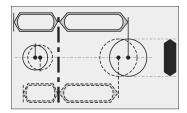
If your door doesn't have holes, please proceed to step 1c. ightarrow

Tear off the **Door Checker** (pages 5-6) and follow the guidelines on **both sides** to measure each aspect of your door and frame. There are some cases when existing holes cannot be adjusted to be compatible.

If you need to make adjustments, go to
 step 1c and find the closest match to each
 aspect of your door on the Marking Template.







A Please do not drill any holes until you confirm that your door is compatible.

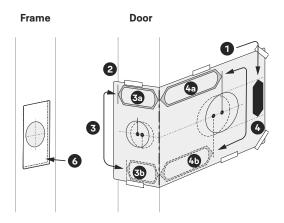
If you have confirmed that the existing holes are compatible with your new lock, please proceed to step 2 (skip step 1c).

1C Make or Adjust Holes

Skip this step if you have confirmed that the existing holes are compatible (step 1b).

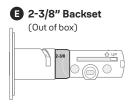
- Tear off the Marking Template (pages 7-8), and choose the preferred face bore diameter (2-1/8" or 1-1/2") on either side of the template.
- 2. Tape the Marking Template onto the door as shown.
- Check the door thickness. It should match either the shape with solid outlines (1-3/4"), or the one with dashed outlines (1-3/8").
 - 3a. Use solid lines as a template for 1-3/4" door thickness.
 - **3b.** Use **dashed** lines for **1-3/8**" door thickness.
- 4. Choose your preferred backset. It should match either the shape with solid outlines (2-3/4"), or the one with dashed outlines (2-3/8").
 - 4a. Use solid lines as a template for 2-3/4" backset.
 - 4b. Use dashed lines for 2-3/8" backset.
- 5. Drill holes in your door where marked.

6. On the door frame, align the center of the strike plate with the center of the edge bore. Trace the strike plate, then chisel to the depth of the strike plate so it sits flush with your door frame. Drill the 1" diameter strike pocket with a minimum depth of 1".



Install Deadbolt Latch

1. Correct deadbolt length is based on the backset. Refer to measurements E and F on the Door Checker (page 5) to verify backset.



2-3/4" Backset

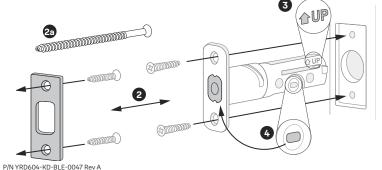


Minimum strike pocket depth is 1". Δ

x 2 for Deadbolt Latch x 2 for Strike Plate (Actual size)

13

- 2. Align strike plate with deadbolt latch.
 - 2a. (Optional) Security screws can be used in place of the small strike plate screws.
- 3. Make sure UP arrow on the deadbolt is facing upwards.
- 4. Deadbolt latch must be in an unlocked position. Note: If the deadbolt latch is extended, use a small flathead screwdriver to rotate slot until deadbolt latch is retracted.





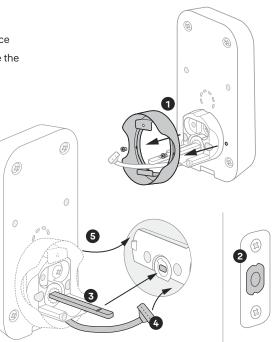
 Refer to measurements G and H on the Door Checker (page 6) to measure face bore hole. If the hole is 1-1/2" (G), unscrew the two small screws and remove the adapter.

Install your lock with the door open.

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Do not close your door until all the steps are completed.

- Make sure your deadbolt latch is in an unlocked position. Refer to step 2, point 4 (page 13) for guidance on how to retract it, if needed.
- **3.** Slide the tailpiece through the deadbolt latch slot, making sure the keypad is on the exterior part of your door.
- 4. Guide the wire cable under the deadbolt.
- **5.** Slide the keypad in place. Hold or secure in place until the mounting plate is installed in the next step.



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4 Install Mounting Plate

1. Refer to measurements **B**, **C**, and **D** on the **Door Checker** (page 5) to select screws.

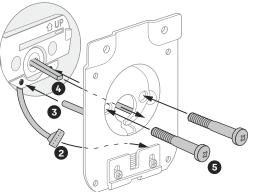


- 2. Route the wire cable into the designated slot in the mounting plate.
- 3. Guide posts of the mounting plate into the holes on the exterior keypad.
- 4. Slide tailpiece through the designated slot in the mounting plate.

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5. Tighten screws with a screwdriver to secure the mounting plate. As you tighten the screws, make sure the mounting plate and the keypad are straight.

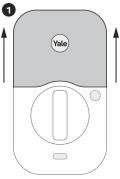
Ensure that the wire cable is not pinched to prevent it from reducing your lock's battery life.



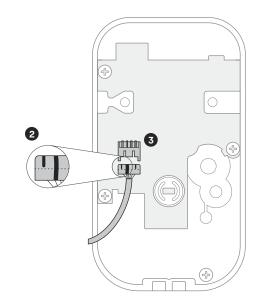
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5 Attach Wire Cable to Interior Lock

1. Remove battery cover by pulling it upwards off the body of the interior lock.

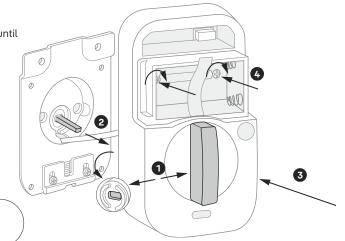


- **2.** Make sure the side of the cable end with the ridges and the marked line faces outward.
- **3.** Push cable into the designated slot until you hear a click.



6 Install Interior Lock

- **1.** Make sure the tailpiece slot is in horizontal position. Use the thumbturn to adjust if needed.
- **2.** Slide the tailpiece through the designated slot on the back of the thumbturn.
- **3.** Press the lock against the mounting plate, adjusting its position until it clicks into place and the bottom of the lock is held in place.
- 4. Tighten the two pre-installed screws.



When fully tightened, lock should be flush to door.

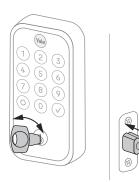
7 Test Thumbturn and Key

If deadbolt latch does not lock or unlock with the **key** (from the outside) or the **thumbturn** (from the inside):

- Ensure that the deadbolt latch is centered in the face bore hole;
- Ensure that the tailpiece is positioned horizontally and inserted through deadbolt latch slot (**step 3, point 3**) into the thumbturn slot (**step 6, point 2**).



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Smooth deadbolt latch operation will enhance your battery life.

8 Install Yale Smart Module (Optional)

If your lock model does not include a Smart Module, please proceed to step 9a. ightarrow

Insert Yale Smart Module into the designated slot at the top of the body of the lock.



Note: If you purchased your module separately, check compatibility with your Yale Pro 2. See table below for the list of compatible modules.

AYR-MOD-ZWV-USA	Z-Wave 500 series Module
AYR-MOD-WF1-USA	Wi-Fi Module
AYR202-AUG-CON	Yale Connect Bridge*

*Plugs into the wall, not the interior of the lock.

Batteries must $\ensuremath{\textbf{not}}$ be installed when inserting or

removing Yale Smart Module.

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9a Install DoorSense (Optional)

If you do not wish to install DoorSense, please proceed to step 10. ightarrow

DoorSense is a magnetic sensor installed on your door frame that can keep track of when the door is opened and closed.

For surface mount instructions, please proceed to step 9b. \rightarrow

For **flush mount** instructions, please proceed to **step 9c**. \rightarrow



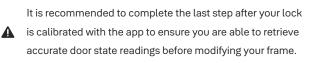
Flush mount is installing DoorSense into the edge of the door frame. It provides a cleaner look with more robust performance but requires drilling.

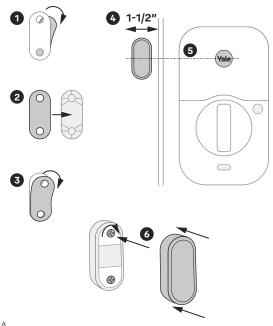
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9b DoorSense Surface Mount

- 1. Remove one side of the backing from the adhesive.
- **2.** Attach tape to the back of the DoorSense, ensuring it is aligned with the edges of the device and the screw holes.
- 3. Remove the remaining backing from the adhesive.
- **4.** Determine mounting location. For optimal performance, DoorSense should be mounted within 1-1/2" from the edge of your door frame.
- **5.** Ensure DoorSense is in proper position by center aligning it with the Yale logo on the battery cover, and adhere it to the door frame.
- 6. Tighten pre-installed screws and attach cover.

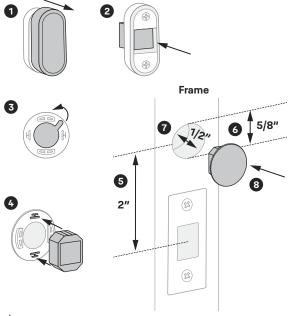




9c DoorSense Flush Mount

- 1. Take off DoorSense cover.
- 2. Push the magnet out of the housing.
- 3. Expose the adhesive on the magnet cap by removing the blue backing.
- 4. Press the magnet onto the cap so that the notches interlock.
- 5. Determine mounting location on the door frame. The distance from the center of the strike plate to the center of the DoorSense should be 2", making it in line with the logo on the battery cover of the lock.
- Mark a hole that's horizontally centered on the door frame and is 5/8" in diameter.
- **7.** Drill a 1/2" deep hole where marked.
- 8. Insert DoorSense into the hole.

Note: If it is too snug to push in by hand, protect the frame with a piece of scrap wood and use light blows with a hammer or mallet.



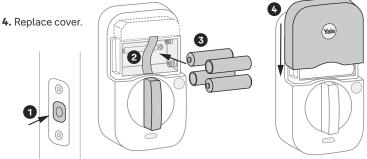
10 Install Batteries and Replace Cover

Make sure you have Yale Access App downloaded and an account created.



- Once batteries are inserted, lock is ready to be set up with the app.
- 1. Before installing batteries, make sure the deadbolt latch is unlocked.
- 2. Place ribbon behind batteries for easy battery removal.
- 3. Install 4 batteries.

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5. Once batteries are inserted, the entire keypad will light up in a clockwise pattern. Once this happens, the lock is in pairing mode. Open Yale Access App, tap on "Set Up a Device", and follow the in-app setup instructions.

(5)

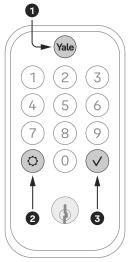
Note: If the lock exits pairing mode, simply press the Yale logo to restart.



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Using Your Lock

Exterior Keypad



(4 To lock your door Press (Yale) Ya To **unlock** your door Press (Yale) → Enter entry code \rightarrow Press (🗸

Interior Lock

- 1. Wake / One-Touch Locking
- 2. Warnings / Menu
- 3. Submit Entry Code
- 4. Thumbturn
- 5. Passage Button
- 6. Interior LED Indicator

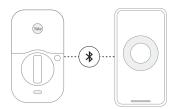
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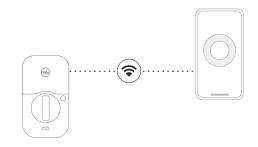
Connecting to Your Lock

There are two possible ways to connect to your lock with your Yale Access app. When you're near your lock you can connect through Bluetooth, and if you have an optional module you can connect remotely through Wi-Fi.

With **Bluetooth** connection, you can use your app to lock, unlock, create or manage entry codes, change settings, see who used the lock, etc. **while you're within Bluetooth range of the lock.** Every Assure Lock 2 has Bluetooth built in.

With **Wi-Fi** connection, **you can be away from home** and use your app to operate your lock, monitor who's coming and going, and create or manage entry codes. To connect your lock to your Wi-Fi network, you will need a module (available with select models and sold separately). See **step 8** for compatible modules.





Creating and Managing Entry Codes

You must have Bluetooth or Wi-Fi connection with the lock to create or

M manage entry codes.

Your changes will be pending until you do have connection with the lock.

You can create and manage entry codes from the Guest List tab of the Yale Access app.

- 1. To create a code for a new user, tap on "Invite", then select whether they should also have app access or only entry code access. While inviting them, you will be able to create an entry code.
- **2.** Tap on existing users in Guest List to create new entry codes for them or manage existing ones.

Set Up HomeKit (Optional)

Apple HomeKit is an iOS feature and is not available for Android.



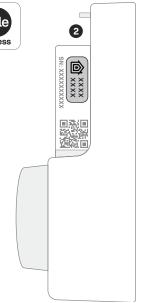
Enabling HomeKit integration allows you to connect your lock and contol it from your iPhone with the Apple Home app.

- To enable HomeKit make sure your lock is installed and set up with Yale Access app. In the Yale Access app lock settings select "HomeKit" to begin HomeKit setup.
- **2.** During setup, you will need access to the HomeKit code located on the side of the lock under the battery cover.

Note: if you have HomePod[®], HomePod Mini[®], or Apple TV[®] set up as a home hub, to ensure successful HomeKit setup, make sure they are online and connected.

3. Follow instructions in the Yale Access app to set up HomeKit.

Note: Controlling this HomeKit-enabled accessory automatically and away from home requires a HomePod[®], HomePod mini[®], or Apple TV[®] set up as a home hub.



LED Alerts

Exterior Keypad Alerts		
Gear flashes amber	Low battery level 1	
Gear flashes red	Low battery level 2	
Gear flashes red, then stays red	Low battery level 3	
Checkmark flashes	Pairing success	
Any key, then gear flash red	Jammed lock	
Gear flashes white	Pairing	
Gear flashes red during pairing	Pairing failure	

Interior Lock Alerts	
LED indicator flashes blue	Low battery levels 1, 2, and 3
LED indicator flashes red	Locked state
LED indicator flashes green	Unlocked state
LED indicator turns green for 3 seconds	Pairing success
LED indicator turns red for 3 seconds	Pairing failure
LED indicator intermittently flashes yellow	Passage Mode is on (see page 30)





Resetting Your Lock to Factory Defaults

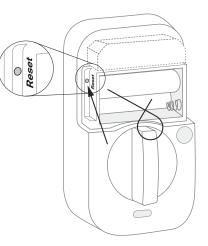
If you have set up your lock with Yale Access App, you should reset it using the app.

Go to your lock's settings and choose "Factory Reset".



1. Remove one battery.

- 2. Insert reset pin into the designated reset hole.
- **3.** Press and hold the reset pin.
- 4. While holding the reset pin, reinsert battery.
- 5. Keep holding the reset pin for 5 more seconds.
- 6. Take out the reset pin.



Features

DoorSense	DoorSense keeps track of when your door is closed or open.
Entry Codes	 Entry codes are used to unlock your door. Create entry codes from the "Guest List" tab in the Yale Access App. You can set permanent, recurring, and temporary entry codes. An unlimited number of entry codes can be created or deleted as long as you have Bluetooth or Wi-Fi connection to the lock.
Auto-Lock	 Auto-Lock automatically locks the door for you. It can be set to lock on a timer for as short as 30 seconds, or as long as 30 minutes. When using the Auto-Lock feature with DoorSense, your door will not lock until it is closed. Auto-Lock can be set up in the lock settings of the app.
Auto-Unlock	 Auto-Unlock knows when you arrive and unlocks the door as you approach. Auto-Unlock can be set up in the lock settings of the app.
Passage Mode	 Use passage mode when you want to disable Auto-Lock for an extended period of time. Simply press and hold the Passage button on the inside of the lock until you hear a chime to turn it on. To turn passage mode off, lock your door or press and hold the Passage button until you hear a chime.
Integrations	 Yale Access products work in harmony with some of your favorite smart home brands. Integrations can be set up in the Yale Access App from the "Works With" menu option.

App Settings

You can find these and other settings in the Yale Access App.

Security	
Hide Entry Codes	If turned on, all entry codes within the app will be hidden from view.
Verified Access	If turned on, biometric/passcode authentication is required to operate the lock using the app.
Notifications	
Smart Alerts	Create alerts you wish to receive from the app.
Automation	
Auto-Lock	Door will automatically lock, either when door is closed (with DoorSense), or on a timer.
Auto-Unlock	Door will automatically unlock when you arrive home.
DoorSense	Allows you to know when your door is opened or closed.
Information	
Programming Code	This code is automatically created by the Yale Access App and used to access programming features: handing, Smart Module integration, and diagnostics. This code cannot be used to unlock the door. Find your programming code in the Yale Access App, enter this code on the keypad and press the gear symbol.

App Settings

You can find these and other settings in the Yale Access App.

Advanced Device Settings			
Device Settings	Volume	You can turn the lock volume on or off, and set it to high or low.	
	Inside Indicator Light	When turned on, it will show the active status (e.g. locked) of the lock. This light will also inform you when the batteries are low, passage mode is enabled, and pairing is successful.	
	One-Touch Locking	Lock the keypad by touching the Yale logo. This feature is on by default and can be turned off in settings.	
Keypad Settings	Keypad Security	Shutdown Timing (Default: 60 sec)	The lock will shut down for the set period of time and not allow operation after the wrong code entry limit has been reached.
		Wrong Code Limit (Default: 5 times)	After the set number of unsuccessful attempts at entering a valid entry code, the lock will shut down and not allow operation for 60 seconds.
	Operating Mode	Normal (Default)	All entry codes will work and the lock can be unlocked and locked using the app and voice assistants.
		Vacation	When enabled, all entry code access will be restricted. Users can still lock and unlock the door with the app.

Lock Operations Troubleshooting

Lock does not respond.	 Press the Yale logo to activate the keypad. Verify contact with the logo. If keypad numbers are visible, check if they respond when pressed. Check batteries are installed and oriented correctly in battery case. Replace batteries* if needed. Check that the keypad wire is fully connected and not pinched.
Lock does not respond – door is locked and unaccessible.	Batteries may not have enough power. Replace batteries*.Use mechanical key to unlock the door.
Lock is on for a while then shows no reaction. Lights dim.	Batteries do not have enough power. Replace batteries*.
Lock chimes indicating code acceptance but door will not open.	Check for any foreign objects between door and frame.Check that the wire is firmly connected to the interior lock.
Lock operates to allow access but will not automatically unlock.	Check to see if Auto-Lock is enabled.Disable Auto-Lock to lock the door manually.
Lock responds "Low Battery".	Replace all four (4) batteries* with new AA alkaline batteries.

* After replacing your batteries, it's highly recommended to use your app to lock or unlock your device. This will allow the app to connect to the lock to ensure that the internal time of the device is correct.

Lock Operations Troubleshooting

Entry code will not register.	 If low battery indicator is lit, replace batteries*. Verify that your entry code consists of 4 to 8 digits. Make sure you are using different entry codes for different users. Entry code must be entered while the keypad is active (tap on the Yale logo to wake it up and enter the entry code within 5 seconds).
Upon entering an entry code and pressing the Check key, the lock displays "Invalid Code" error or lock times out without responding.	 Verify entered code is a valid, previously programmed, 4 to 8 digit code. Vacation mode might be on. Only an admin user can switch vacation mode to normal in the app.
Upon entering an entry code and pressing the Check key, lock responds "Wrong Number of Digits".	The digits entered were incorrect or incomplete. Re-enter the correct code followed by the Check key.
Deadbolt does not extend when locking the door with the keypad.	Lock was not handed properly. Find the setting called "Lock Handing" to fix this issue.
Lock operates but makes no sound.	Check in the app settings if volume is set to off.

* After replacing your batteries, it's highly recommended to use your app to lock or unlock your device. This will allow the app to connect to the lock to ensure that the internal time of the device is correct.

Hardware Troubleshooting

Deadbolt grinds and will not extend to lock when using an entry code but thumbturn locks and unlocks smoothly.

Deadbolt is hitting the strike plate.

Deadbolt is not fully extending.

Resistance when locking deadbolt that requires pushing or pulling on the door to align deadbolt and latch.

- Lock was not handed properly. Find the setting called "Lock Handing" to fix this issue.
- · Reposition the strike plate to align with deadbolt.
- · Increase depth of the deadbolt strike pocket in the frame.

Adjust your existing knob, lever, or handleset strike plate. Latch engagement into the strike is the main component used for door alignment.

To adjust knob / lever / handleset strike plate:

- 1. Remove plate from door frame with a hand screwdriver. Note: Using an electric driver may strip screw heads or enlarge screw holes.
- Locate tab on strike plate. Bend the tab towards surface of strike. Note: A small change may be all that is required.
- 3. Reinstall strike plate using a screwdriver and test again.
- If door cannot be adjusted sufficiently with strike tab, both knob/lever/handleset latch and deadbolt could require adjustment – we suggest you contact a local locksmith for assistance.

For help with misalignments, watch our door alignment video: US.YaleHome.com/Support

FCC:

FCC ID: 2ABFG-YRD420BLEV1

IC ID: 11626A-YRD420BLEV1

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 Home** could void the user's authority to operate the equipment.

Innovation, Science and Economic Development Canada:

FCC ID: 2ABFG-YRD420BLEV1 IC ID: 11626A-YRD420BLEV1 This Class A digital apparatus meets all requirements of the Canadian Interference Causing Equipment Regulations.

Yale Home

24/7 Support: 1-855-213-5841 • Support.ShopYaleHome.com

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