

Yale YRD420-CB1-619

Yale Assure Lock 2 Touchscreen with Wi-Fi Connect (Satin Nickel) Instruction Manual

Model: YRD420-CB1-619 | Brand: Yale

1. INTRODUCTION

This manual provides detailed instructions for the installation, setup, operation, and maintenance of your Yale Assure Lock 2 Touchscreen with Wi-Fi Connect. Please read this manual thoroughly before installation and use to ensure proper function and safety. Keep this manual for future reference.

2. SAFETY INFORMATION

Important Safety Instructions:

- Do not attempt to disassemble or modify the lock. This may cause damage to the product, void the warranty, and compromise security.
- Use only the specified battery type (4 AA batteries). Do not mix old and new batteries or different types of batteries.
- Keep all keys and access codes in a safe place. Do not share access codes with unauthorized individuals.
- Ensure the door is properly aligned and operates smoothly before installing the lock.
- Protect the touchscreen from sharp objects or excessive force.
- This product is designed for residential use.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Yale Assure Lock 2 Deadbolt (Exterior Touchscreen Keypad and Interior Assembly)
- Yale Connect Wi-Fi Bridge
- Yale DoorSense® Sensor
- Mounting Hardware (screws, bolts)
- Strike Plate

- One Physical Key (for models with key access)
- Installation Manual
- 4 AA Batteries

4. INSTALLATION

The Yale Assure Lock 2 is designed for easy DIY installation, typically requiring only a screwdriver. Ensure your door meets the following specifications:

- **Door Thickness:** 1-3/8" to 2-1/4" (35mm to 57mm)
- **Borehole:** 2-1/8" or 1-1/2" (54mm or 38mm)
- **Backset:** 2-3/8" or 2-3/4" (60mm or 70mm)

Steps:

1. **Remove Existing Deadbolt:** Unscrew and remove your current deadbolt from the door.
2. **Install New Deadbolt Latch:** Insert the new deadbolt latch into the door edge. Ensure the "UP" arrow on the latch is facing upwards.
3. **Install Exterior Keypad:** Place the exterior touchscreen keypad onto the door, aligning the tailpiece through the latch.
4. **Install Interior Mounting Plate:** Secure the interior mounting plate to the door using the provided screws, ensuring the cable from the keypad passes through the plate.
5. **Connect Cable and Install Interior Assembly:** Connect the cable from the exterior keypad to the interior assembly. Carefully tuck the excess wire into the channel. Attach the interior assembly to the mounting plate, securing it with screws.
6. **Install Batteries:** Insert the 4 AA batteries into the battery compartment.
7. **Install Strike Plate and DoorSense Sensor:** Replace your old strike plate with the new one. Install the Yale DoorSense® sensor into the door frame, ensuring it aligns with the interior assembly.
8. **Test Operation:** Manually test the deadbolt to ensure smooth operation.

Simple Installation

✓ Please confirm compatibility

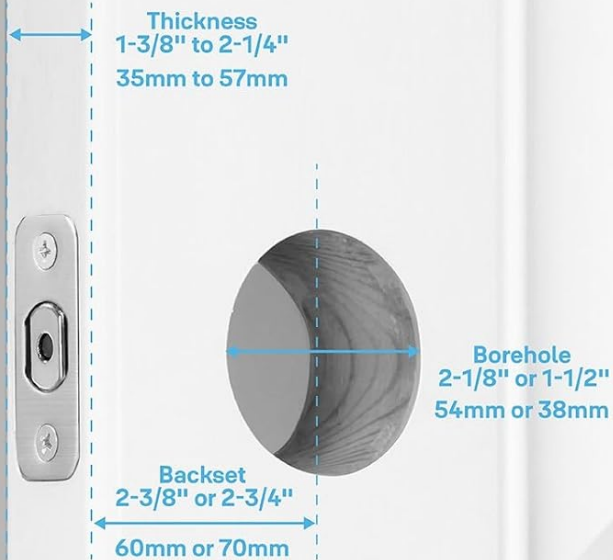


Figure 4.1: Door compatibility measurements for Yale Assure Lock 2 installation.

Share access, lock or unlock, and check status from anywhere - No additional hub or bridge needed

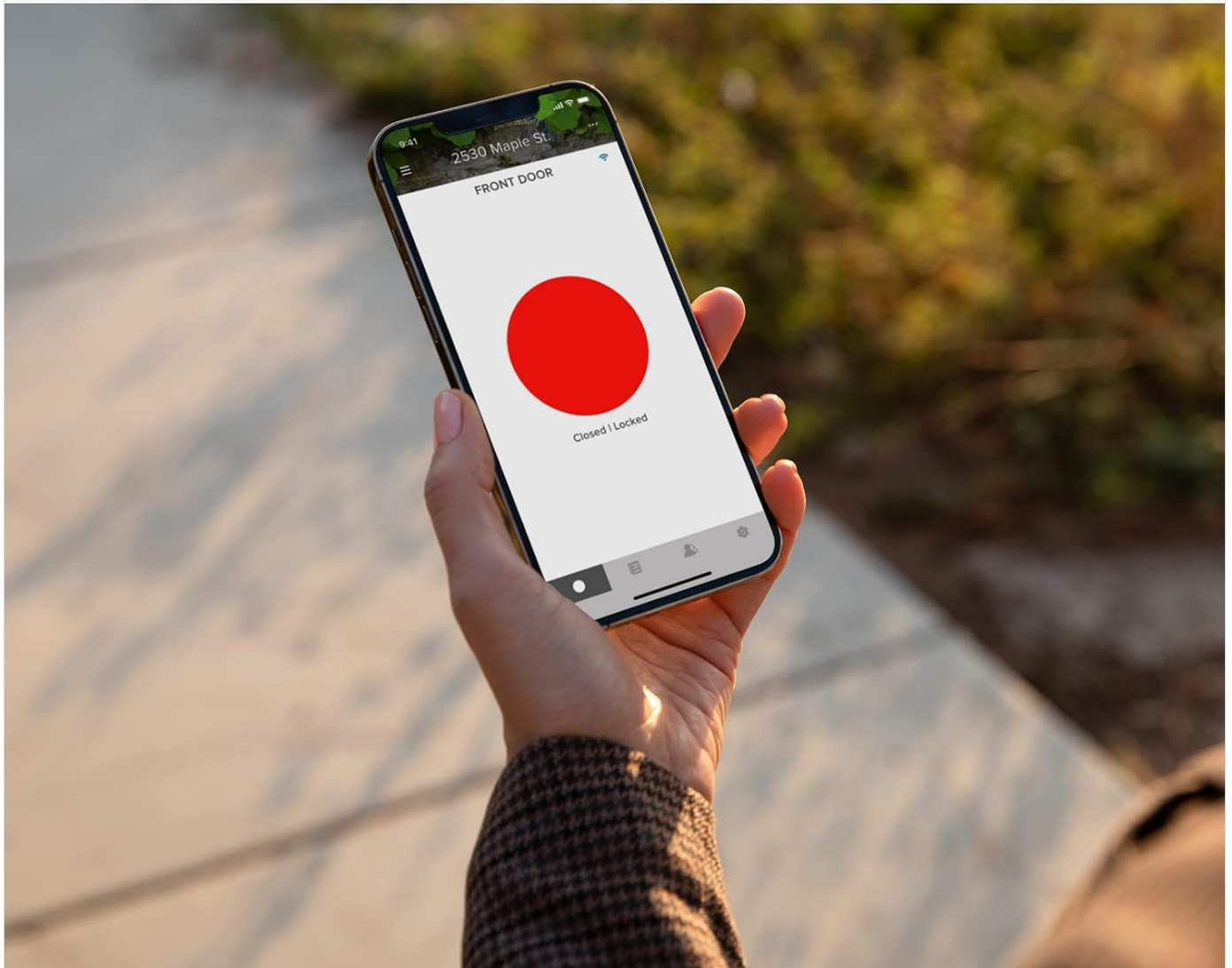


Figure 4.2: Yale Assure Lock 2 installed on a door, showing both exterior keypad and interior thumbturn.

Let Yale Get the Door with Auto-Lock and Unlock



Figure 4.3: Simple DIY installation of the Yale Assure Lock 2 using a screwdriver.

5. SETUP

After physical installation, set up your lock using the Yale Access app.

1. **Download the Yale Access App:** Search for "Yale Access" in your smartphone's app store and download it.
2. **Create an Account:** Follow the in-app instructions to create a new account or log in if you already have one.
3. **Add Your Lock:** In the app, select "Set up a new device" and choose your Yale Assure Lock 2.
4. **Pair the Lock:** Follow the app's prompts to pair your lock via Bluetooth. This usually involves scanning a QR code inside the battery cover or entering a serial number.
5. **Calibrate DoorSense:** The app will guide you through calibrating the DoorSense sensor to accurately detect if your door is open or closed.
6. **Set Up Wi-Fi Connect Bridge:** Plug the Yale Connect Wi-Fi Bridge into a power outlet within 10-15 feet of your lock. Follow the app's instructions to connect the bridge to your home Wi-Fi network. This enables remote access and smart home integrations.

7. **Create Master Entry Code:** Establish a master entry code for the touchscreen keypad. This code is required for programming other user codes.
8. **Add User Codes:** Create unique entry codes for family members or guests through the Yale Access app. You can set schedules and temporary access for these codes.



Figure 5.1: Using the Yale Access app to unlock the door.



Figure 5.2: Monitoring door activity and guest check-ins via the Yale Access app.

6. OPERATING INSTRUCTIONS

Your Yale Assure Lock 2 offers multiple ways to lock and unlock your door.

6.1. Using the Touchscreen Keypad

1. **To Unlock:** Touch the keypad with your palm or fingers to activate it. Enter your 4-8 digit entry code, then press the checkmark (✓) button. The deadbolt will retract.
2. **To Lock:** Touch the keypad with your palm or fingers to activate it. Press the Yale button. The deadbolt will extend.



Figure 6.1: Entering an access code on the touchscreen keypad.

6.2. Using the Yale Access App

With the Yale Access app and Wi-Fi Connect Bridge, you can control your lock from anywhere.

- **To Unlock/Lock:** Open the Yale Access app, select your lock, and tap the lock/unlock icon.
- **Auto-Lock:** Enable Auto-Lock in the app settings. The lock will automatically engage after a set time (e.g., 30 seconds) when DoorSense detects the door is closed.
- **Auto-Unlock:** Enable Auto-Unlock in the app. The lock will automatically unlock as you approach your door when your phone is detected.
- **Activity Feed:** View a history of lock and unlock events, including who accessed the door and when.

Simple DIY Install



Replace your existing deadbolt
in under 30 minutes using just a screwdriver

Figure 6.2: Checking lock status remotely via the Yale Access app.

6.3. Using the Physical Key

For models with a physical key, it serves as a backup in case of battery depletion or system malfunction.

- Insert the key into the keyhole on the exterior keypad.
- Turn the key to lock or unlock the deadbolt.



Figure 6.3: Manual key override for the Yale Assure Lock 2.

7. MAINTENANCE

7.1. Battery Replacement

The lock requires 4 AA batteries. When batteries are low, the lock will provide an audible alert and a notification in the Yale Access app.

1. Remove the battery cover from the interior assembly.
2. Remove the old batteries and insert new 4 AA alkaline batteries, ensuring correct polarity.
3. Replace the battery cover.
4. *Note:* After battery replacement, the lock may require recalibration via the Yale Access app to ensure proper DoorSense functionality.

7.2. Cleaning

Clean the lock's exterior with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronics.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Lock not responding to keypad.	Low batteries, incorrect code, keypad not activated.	Replace batteries. Ensure correct code is entered. Touch keypad to activate before entering code.
Lock not responding to app.	Bluetooth/Wi-Fi connection issue, low lock batteries, Wi-Fi Bridge offline.	Check phone's Bluetooth. Verify Wi-Fi Bridge is powered and connected. Replace lock batteries. Restart Wi-Fi Bridge.
Deadbolt not extending/retracting fully.	Door misalignment, low batteries, obstruction.	Check door alignment and strike plate. Replace batteries. Clear any obstructions. Recalibrate DoorSense.
DoorSense not working correctly.	Sensor misalignment, recalibration needed.	Ensure DoorSense sensor is properly installed and aligned. Recalibrate DoorSense via the Yale Access app.

9. SPECIFICATIONS

- **Model:** YRD420-CB1-619
- **Lock Type:** Deadbolt
- **Material:** Metal
- **Color:** Satin Nickel
- **Dimensions (L x W x H):** 0.88 x 2.5 x 4.88 inches
- **Item Weight:** 4.33 pounds
- **Power Source:** 4 AA Alkaline Batteries (included)
- **Connectivity:** Bluetooth, Wi-Fi (via Yale Connect Wi-Fi Bridge)
- **Control Method:** App, Touch, Voice
- **Special Features:** Auto-Lock, Passcode Unlock, Touchscreen, DoorSense®
- **Smart Home Compatibility:** Google Home, Alexa, Apple Home, ecobee Smart Security, Airbnb, Philips Hue
- **UPC:** 081023091169

10. WARRANTY AND SUPPORT

Warranty: Yale offers a Limited Lifetime Warranty on finishes and mechanical components, and a One-Year Warranty on electronics. Please refer to the official Yale website or your purchase documentation for full warranty terms and conditions.

Customer Support: For technical assistance, troubleshooting, or warranty claims, please visit the official Yale support website or contact their customer service. Contact information can typically be found on the Yale website or in the product packaging.

11. ADDITIONAL RESOURCES

For more information and visual guides, please refer to the following videos:

Yale Assure Lock 2 Touch: Keyless Entry Demonstration

Your browser does not support the video tag.

This video demonstrates the keyless entry functionality of the Yale Assure Lock 2 Touch, highlighting how to use the keypad for access. It also shows the lock's sleek design and ease of use.

Yale Assure Lock 2: Installation and Features Overview

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This video provides an overview of the Yale Assure Lock 2, covering its installation process and key features such as smart home compatibility and various access methods.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question