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Yale YRD410-F-BLE-619

Yale Assure Lock 2 Touch Deadbolt User Manual

Model: YRD410-F-BLE-619

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1. Introduction

The Yale Assure Lock 2 Touch is an advanced deadbolt designed to provide seamless and secure access to your home. Featuring a biometric keypad for fingerprint recognition, it offers multiple convenient ways to unlock your door, including hands-free Auto-Unlock via Bluetooth, smartphone control, and traditional key access. This manual provides comprehensive instructions for installation, operation, maintenance, and troubleshooting to ensure optimal performance of your smart lock.



Figure 1.1: Front and back view of the Yale Assure Lock 2 Touch Deadbolt in Satin Nickel finish. The front features a digital keypad with a fingerprint scanner and a traditional keyhole, while the interior unit houses the thumbturn and battery compartment.

Key Features:

- **Fingerprint Recognition:** Unlock your door with a simple touch of your finger, offering 99% accuracy and less than 0.5-second recognition time.
- **Digital Keypad:** Enter your unique access codes for convenient entry.
- **Yale Access App Control:** Manage your lock, share access codes, and monitor activity from your smartphone.
- **Auto-Unlock:** Hands-free unlocking as you approach your door via Bluetooth.
- **Auto-Lock:** Automatically locks your door after a set period for enhanced security.
- **Back-Up Key:** Traditional key access provides an alternative entry method.
- **Easy Installation:** Designed for DIY installation, replacing most standard US deadbolts with minimal tools.
- **Upgradeable:** Compatible with Wi-Fi, Matter, or Z-Wave Smart Modules (sold separately) for future smart home integration.

2. Setup & Installation

The Yale Assure Lock 2 Touch is designed for straightforward installation, typically requiring only a screwdriver. Before beginning, ensure your door is compatible with the lock's dimensions.

2.1 Compatibility Check

Verify your door's thickness, bore hole, and backset measurements to ensure proper fit. Refer to the diagram below for

detailed dimensions.



Figure 2.1: Door compatibility measurements. Ensure your door thickness is 1-3/8" to 2-1/4" (35mm to 57mm), bore hole is 2-1/8" or 1-1/2" (54mm or 38mm), and backset is 2-3/8" or 2-3/4" (60mm or 70mm).

2.2 Installation Steps

Follow these general steps to install your Yale Assure Lock 2 Touch. Detailed instructions are provided in the included installation guide.

1. **Remove Existing Deadbolt:** Use a screwdriver to remove your current deadbolt from the door.
2. **Install Latch Bolt:** Insert the new latch bolt into the door edge, ensuring the "UP" arrow faces upwards.
3. **Install Exterior Keypad:** Place the exterior keypad assembly onto the door, aligning it with the latch bolt.
4. **Install Mounting Plate:** Secure the interior mounting plate to the exterior keypad using the provided screws.
5. **Install Interior Module:** Connect the cable from the exterior keypad to the interior module. Attach the interior module to the mounting plate.
6. **Insert Batteries:** Install the four (4) AA batteries into the battery compartment of the interior module.
7. **Perform Door Handing:** The lock will automatically detect the door's handing (left or right swing) upon battery installation. Follow any prompts.

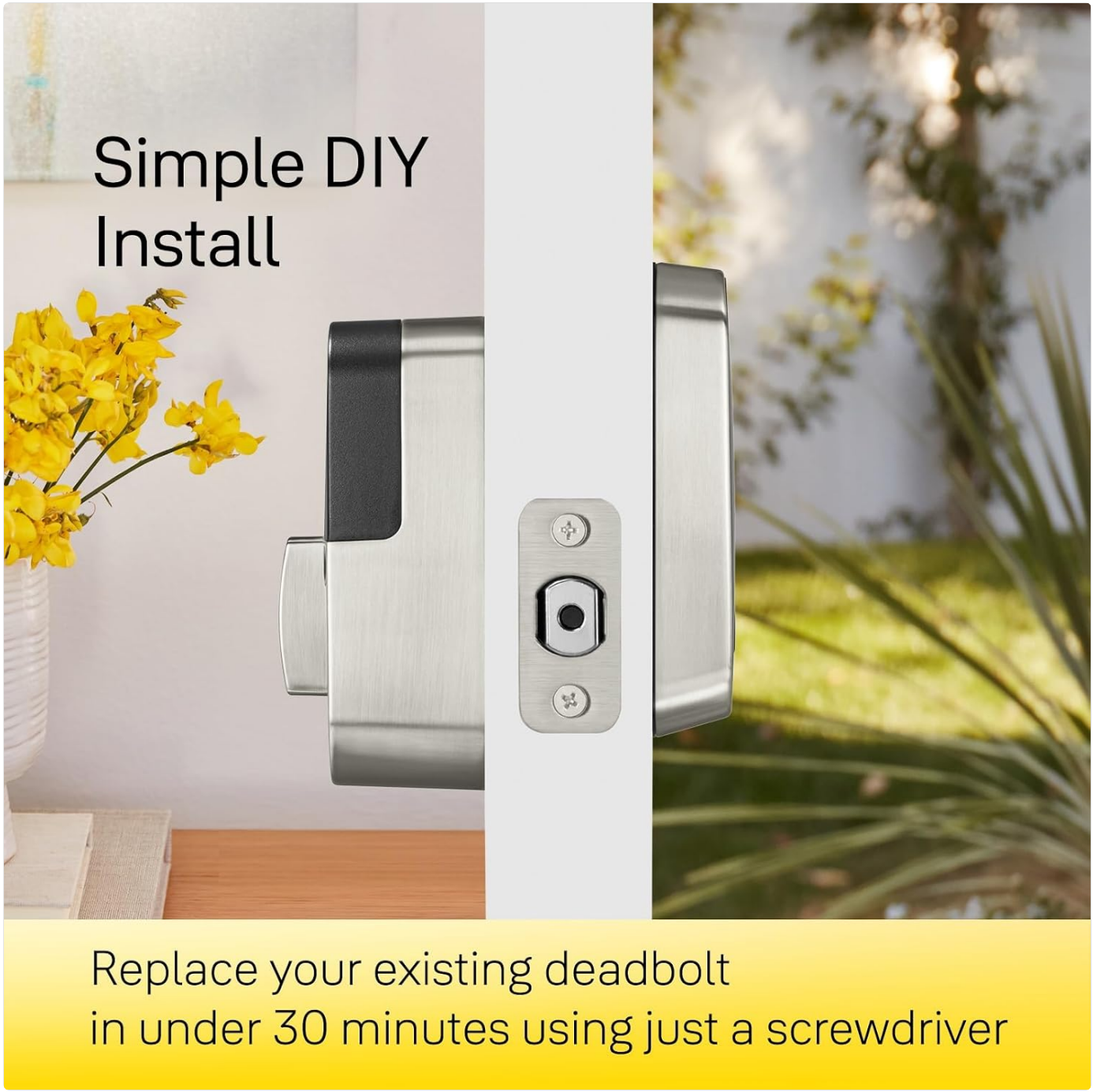


Figure 2.2: The Yale Assure Lock 2 Touch is designed for simple DIY installation, allowing you to replace your existing deadbolt in under 30 minutes using only a screwdriver.

3. Operation

The Yale Assure Lock 2 Touch offers multiple convenient ways to lock and unlock your door.

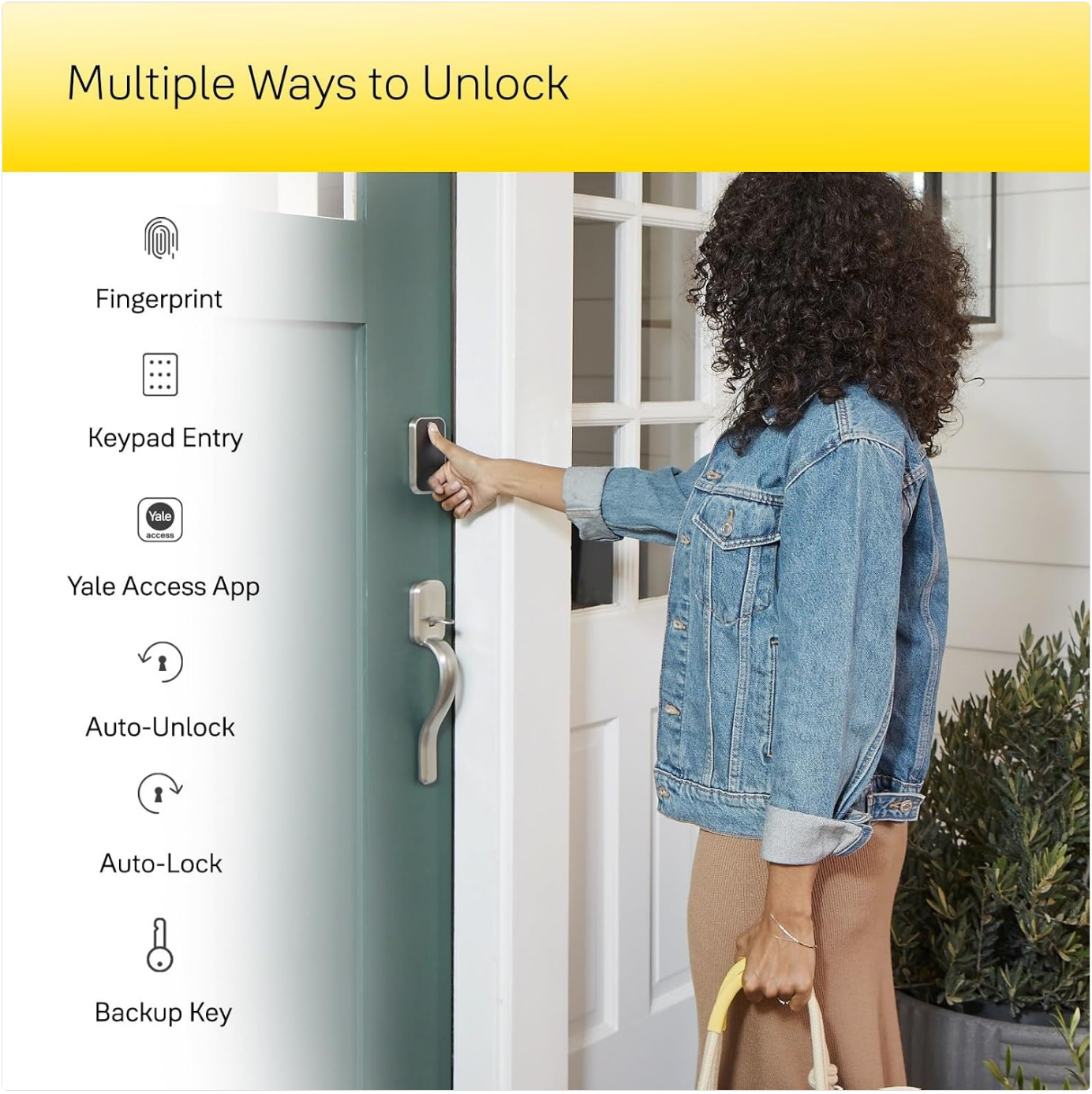


Figure 3.1: Overview of the various methods to unlock your Yale Assure Lock 2 Touch, including fingerprint, keypad, Yale Access App, Auto-Unlock, Auto-Lock, and backup key.

3.1 Unlocking Methods

- **Fingerprint Unlock:**
  Place your registered finger on the fingerprint scanner located on the keypad. The lock will unlock if the fingerprint is recognized. Ensure your finger covers the entire sensor for optimal recognition.



Figure 3.2: Unlock your door using your unique fingerprint, which is stored locally on the device for enhanced security and convenience.

- **Keypad Entry:**
  Enter your 4-8 digit master code or a valid user code on the illuminated keypad, then press the checkmark (✓) button. The lock will unlock.
- **Yale Access App:**
  Download the Yale Access App from your smartphone's app store. Pair your lock with the app via Bluetooth. You can then unlock the door directly from the app when within Bluetooth range.
- **Auto-Unlock (Bluetooth):**
  Enable Auto-Unlock in the Yale Access App. With your smartphone in your pocket or bag, the lock will automatically unlock as you approach your door when within Bluetooth range.
- **Back-Up Key:**
  Insert the physical key into the keyhole at the bottom of the exterior keypad and turn to unlock the deadbolt manually.

3.2 Locking Methods

- **One-Touch Locking:**

Press any button on the keypad for 2 seconds, or press the Yale button on the keypad. The deadbolt will extend and lock.

- **Auto-Lock:**
  Enable Auto-Lock in the Yale Access App. The lock will automatically re-lock after a set period (e.g., 30 seconds, 1 minute, 5 minutes) once the door is closed.
- **Yale Access App:**
  Lock the door remotely using the Yale Access App when within Bluetooth range.
- **Manual Locking:**
  From the interior, turn the thumbturn to extend the deadbolt and lock the door.

3.3 Managing Access Codes and Fingerprints

All management of master codes, user codes, and fingerprint registrations is done through the Yale Access App. You can create, modify, or delete codes and fingerprints as needed.

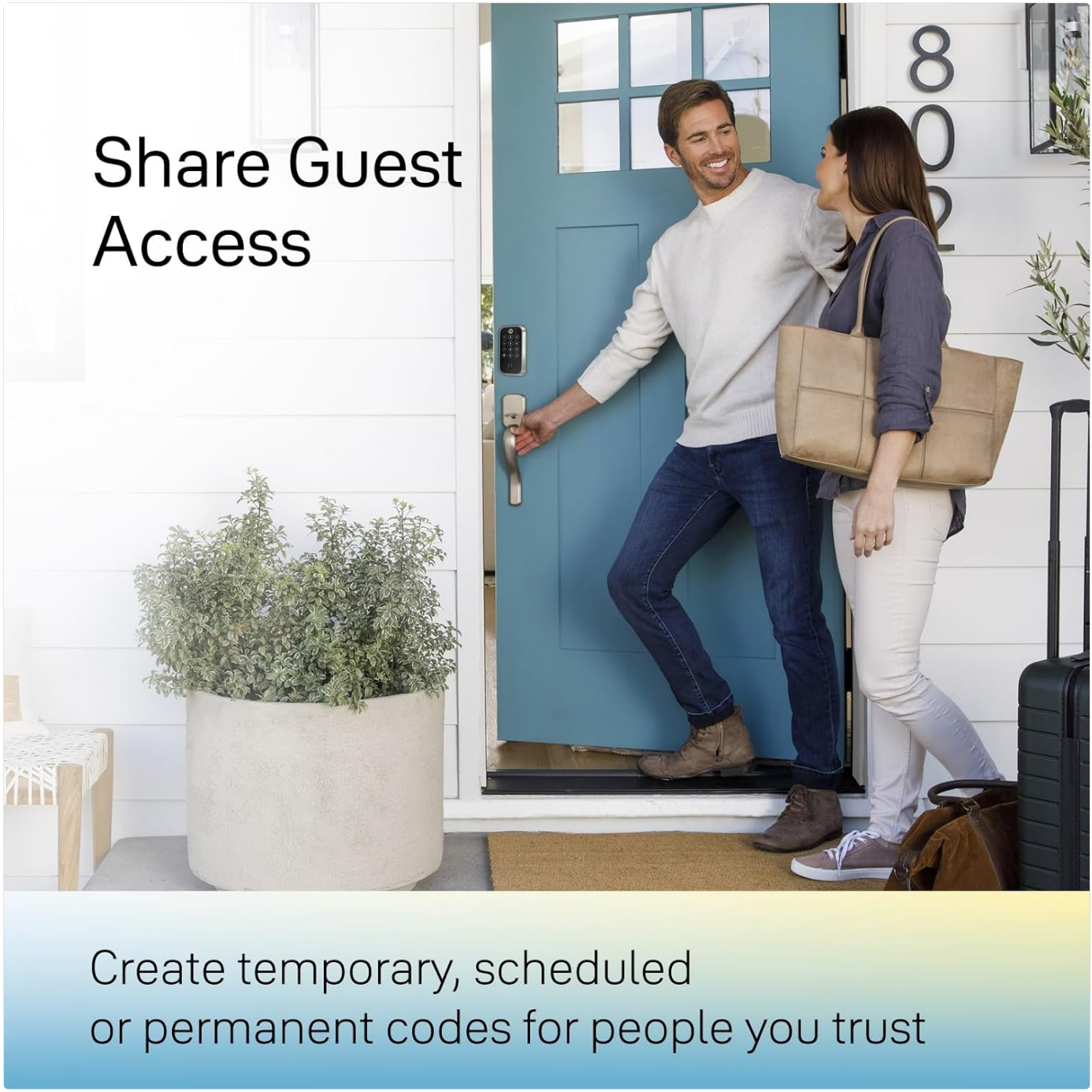


Figure 3.3: The Yale Access App allows you to easily share guest access by creating temporary, scheduled, or permanent codes for trusted individuals.

4. Maintenance

4.1 Battery Replacement

The Yale Assure Lock 2 Touch is powered by four (4) AA alkaline batteries. When the batteries are low, the lock will provide an audible and visual low battery warning. Replace all four batteries simultaneously with new, high-quality alkaline batteries.

- To replace batteries, remove the battery cover on the interior module.
- Remove old batteries and insert new ones, ensuring correct polarity (+/-).
- Replace the battery cover.

4.2 Cleaning

Clean the lock's exterior surfaces with a soft, damp cloth. Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components. For the fingerprint sensor, gently wipe with a clean, lint-free cloth.

4.3 Firmware Updates

Periodically check the Yale Access App for available firmware updates. Keeping your lock's firmware up-to-date ensures optimal performance, security, and access to new features.

5. Troubleshooting

If you encounter issues with your Yale Assure Lock 2 Touch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock does not respond or power on.	Dead or low batteries; incorrect battery installation.	Replace all four AA batteries with new ones, ensuring correct polarity.
Fingerprint reader is unreliable or requires multiple attempts.	Finger not properly placed; dirty sensor; dry or damaged skin; only one finger registered.	Ensure entire finger pad covers the sensor. Clean the sensor with a soft, lint-free cloth. Try re-registering your fingerprint. Consider registering multiple fingers if available in the app.
Keypad buttons are unresponsive or difficult to press.	Physical obstruction; internal issue.	Ensure no debris is on or around the buttons. If issue persists, contact customer support.
Yale Access App cannot detect or connect to the lock.	Bluetooth is off; app permissions; lock is out of range; app or phone issue.	Ensure Bluetooth is enabled on your phone. Check app permissions for Bluetooth access. Move closer to the lock. Restart the app or your phone. Re-pair the lock if necessary.

Problem	Possible Cause	Solution
Auto-Unlock or Auto-Lock not working consistently.	App settings; phone location services; Bluetooth interference; DoorSense™ calibration.	Verify settings in the Yale Access App. Ensure location services are enabled for the app. Check DoorSense™ sensor alignment and recalibrate if needed.
Lock unexpectedly unlocks itself (e.g., "Passage mode" issue).	Accidental activation of passage mode; software glitch.	Check the Yale Access App settings to ensure Passage Mode is disabled if not desired. If the issue persists, perform a factory reset (refer to the full manual) and reconfigure. Contact support if the problem continues.
Cannot configure app due to regional phone number restrictions.	Regional app limitations.	This lock and its associated app features are primarily designed for use in regions where Yale provides full service and app support, typically requiring a local phone number for account verification. If you are outside a supported region, some app functionalities may be limited or unavailable. Contact Yale customer support for regional compatibility information.

6. Specifications

Detailed technical specifications for the Yale Assure Lock 2 Touch Deadbolt (Model: YRD410-F-BLE-619).

Feature	Detail
Model Name	Yale Assure Lock 2 Touch
Model Number	YRD410-F-BLE-619
Lock Type	Biometric, Deadbolt, Keypad, Pin Tumbler
Color	Satin Nickel
Material	Zinc
Finish Type	Brushed
Dimensions (L x W x H)	0.9 x 2.5 x 4.9 inches (Exterior Keypad: 5.1" H x 2.6" W x 0.8" D; Interior Module: 4.9" H x 2.75" W x 2" D)
Item Weight	4.22 pounds
Power Source	4 AA Batteries (Included)
Connectivity Protocol	Bluetooth (Upgradeable with Wi-Fi, Matter, or Z-Wave Smart Modules)
Control Method	App, Touch (Fingerprint, Keypad)
Controller Type	Android, Apple HomeKit, iOS

Feature	Detail
Recommended Uses	Exterior Door, Front Door
Special Features	Auto-Lock, Back-Lit Keypad, Battery Indicator, Fingerprint, Passcode Unlock, DoorSense™
UPC	081023131667



Figure 6.1: Detailed dimensions of the Yale Assure Lock 2 Touch exterior keypad and interior module.

7. Warranty & Support

7.1 Warranty Information

Yale products are backed by a manufacturer's warranty. For specific warranty terms and conditions applicable to your Yale Assure Lock 2 Touch, please refer to the warranty card included in your product packaging or visit the official Yale

website. Keep your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, troubleshooting, or any questions regarding your Yale Assure Lock 2 Touch, please contact Yale Customer Support. You can typically find contact information (phone numbers, email, or online chat) on the official Yale website or within the Yale Access App.

- **Official Yale Website:** www.yalehome.com
- **Yale Access App:** Access support resources directly through the app.

When contacting support, please have your product model number (YRD410-F-BLE-619) and purchase details ready.

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Details

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