

Yale YRD420

Yale Assure 2 Smart Lock YRD420 User Manual

Model: YRD420-WF1-BSP

Brand: Yale

1. INTRODUCTION

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of your Yale Assure 2 Smart Lock YRD420. Please read this manual thoroughly before installation and use to ensure proper function and to maximize the security features of your smart lock. The Yale Assure 2 Smart Lock YRD420 is a Wi-Fi enabled, single-cylinder deadbolt with a touchscreen keypad, offering convenient keyless entry and smart home integration.

2. PRODUCT OVERVIEW

The Yale Assure 2 Smart Lock YRD420 consists of an exterior touchscreen keypad, an interior thumbturn module, a deadbolt mechanism, and a strike plate. The integrated Wi-Fi module allows for remote access and smart home connectivity.



Image 2.1: Side view of the Yale Assure 2 Smart Lock YRD420 installed on a door. This image illustrates the deadbolt extended into the strike plate, securing the door. The exterior and interior components of the lock are visible on either side of the door.

3. SETUP

3.1. Installation Requirements

- **Door Thickness:** 1-3/8" to 2-1/4" (35mm - 57mm)

- **Backset:** 2-3/8" or 2-3/4" (60mm or 70mm)
- **Face Bore Hole:** 2-1/8" (54mm)
- **Edge Bore Hole:** 1" (25mm)

3.2. Physical Installation

1. **Prepare Door:** Ensure your door meets the installation requirements. If replacing an existing deadbolt, remove it.
2. **Install Deadbolt:** Insert the deadbolt into the edge bore hole, ensuring the 'UP' arrow is facing upwards. Secure with screws.
3. **Install Exterior Keypad:** Route the cable from the keypad through the door and align the keypad with the deadbolt.
4. **Install Interior Mounting Plate:** Secure the interior mounting plate to the exterior keypad using the provided screws.
5. **Connect Cable:** Connect the cable from the exterior keypad to the interior module.
6. **Install Interior Module:** Place the interior module onto the mounting plate, ensuring the thumbturn spindle engages with the deadbolt mechanism. Secure with screws.
7. **Install Batteries:** Insert four (4) AA alkaline batteries into the interior module.

3.3. Initial Programming

1. **Create Master Entry Code:** After battery installation, the lock will prompt you to create a Master Entry Code. This code must be 4-8 digits long and is used to access programming features.
2. **Test Lock:** Manually operate the deadbolt with the thumbturn and test the Master Entry Code to ensure proper function.

4. OPERATING INSTRUCTIONS

4.1. Locking and Unlocking

- **To Lock (Exterior):** Press any key on the keypad for 3 seconds, or press the Yale button.
- **To Unlock (Exterior):** Enter your valid 4-8 digit entry code followed by the checkmark symbol.
- **To Lock/Unlock (Interior):** Rotate the thumbturn.
- **Via Yale Access App:** Use the Yale Access app on your smartphone to lock or unlock remotely.

4.2. Adding/Deleting User Codes

1. **Enter Master Entry Code:** Press the Yale button, then enter your Master Entry Code, followed by the gear symbol.
2. **Follow Voice Prompts:** The lock will guide you through options to add or delete user codes. User codes must be 4-8 digits.
3. **Confirm:** Test new codes to ensure they function correctly.

4.3. Wi-Fi Connectivity and Smart Features

The integrated Wi-Fi allows for direct connection to your home network without an additional bridge. Download the Yale Access app to set up and manage your lock remotely.

- **Remote Access:** Lock and unlock your door from anywhere using the Yale Access app.
- **Guest Access:** Create and manage unique entry codes for guests and monitor their usage.
- **Activity Feed:** View a history of lock and unlock events.

- **Voice Control:** Integrate with Amazon Alexa or Siri for hands-free control. Follow the instructions within the Yale Access app to link your smart assistant.

5. MAINTENANCE

5.1. Battery Replacement

The Yale Assure 2 Smart Lock YRD420 operates on four (4) AA alkaline batteries. The lock will provide low battery warnings through audible alerts and visual indicators on the keypad. It is recommended to replace all four batteries simultaneously.

1. Remove the battery cover from the interior module.
2. Remove the old batteries.
3. Insert four new AA alkaline batteries, ensuring correct polarity.
4. Replace the battery cover.

Note: Some users have reported that the lock may require a manual reconnection to Wi-Fi after a battery change. If remote access is lost, check the Yale Access app and follow any prompts to re-establish the Wi-Fi connection.

5.2. Cleaning

To clean the touchscreen keypad, use a soft, damp cloth. Avoid abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and electronic components.

6. TROUBLESHOOTING

- **Lock Not Responding:** Check battery levels. Replace batteries if low. Ensure the deadbolt mechanism moves freely.
- **Keypad Not Lighting Up:** Verify batteries are correctly installed and charged.
- **Wi-Fi Connectivity Issues:** Ensure your home Wi-Fi network is active and within range. Restart your home router if necessary. If issues persist after battery replacement, follow the reconnection steps in the Yale Access app.
- **Entry Code Not Working:** Ensure the correct code is being entered. Verify the code is active in the Yale Access app. The Master Entry Code is required for programming.
- **Deadbolt Not Extending/Retracting Fully:** Check for any obstructions in the door frame or strike plate. Ensure the lock is properly aligned and installed.

7. SPECIFICATIONS

Feature	Specification
Brand	Yale
Model Name	YRD420
Lock Type	Deadbolt
Item Dimensions (L x W x H)	2 x 0.8 x 5 inches
Item Weight	4 Pounds

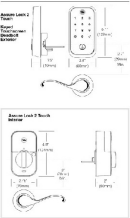


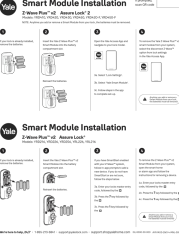
Connectivity Protocol	Wi-Fi
Control Method	Touch, Voice
Controller Type	Amazon Alexa, Siri
Special Features	Hands-free, Smart Lock, Touchscreen
Batteries Included	Yes (4 AA)
Recommended Uses	Security

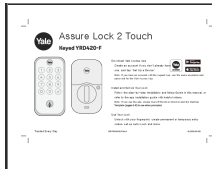
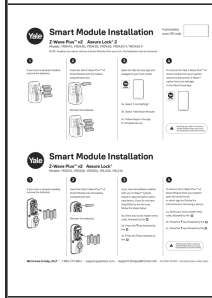
8. WARRANTY AND SUPPORT

Yale products are designed for durability and reliability. For specific warranty information regarding your Yale Assure 2 Smart Lock YRD420, please refer to the warranty card included with your product or visit the official Yale website.

For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Yale customer service. Contact details can typically be found on the Yale website or within the Yale Access app.

Related Documents - YRD420

	<p>Yale Assure Lock 2 Touch YRD420: Exterior and Interior Dimensions</p> <p>Detailed dimensional specifications for the Yale Assure Lock 2 Touch YRD420 keyed touchscreen deadbolt, including exterior and interior measurements and component descriptions.</p>
	<p>Yale Assure Lock 2 Quick Start Guide</p> <p>Step-by-step instructions for setting up your Yale Assure Lock 2, including downloading the Yale Access App, scanning QR codes, installing the lock, and integrating smart modules. Features support contact information and model details.</p>
	<p>Yale Assure Lock 2 Touch Keyed YRD420-F Installation and User Guide</p> <p>This guide provides comprehensive instructions for installing and using the Yale Assure Lock 2 Touch Keyed YRD420-F smart lock. It covers unboxing, door preparation, step-by-step installation, app setup (Yale Access, HomeKit), features like fingerprint and entry codes, and troubleshooting common issues.</p>
	<p>Yale Smart Lock Installation & Z-Wave Module Guide Assure Lock 2 & Pro 2</p> <p>Comprehensive installation guide and user manual for Yale Assure Lock 2 and Yale Pro 2 smart locks, including Z-Wave Plus v2 Smart Module setup, features, and troubleshooting. Learn how to install and integrate your Yale smart lock.</p>

	<p>Yale Assure Lock 2 Touch Keyed YRD420-F Installation and User Guide</p> <p>Comprehensive guide for installing and using the Yale Assure Lock 2 Touch Keyed YRD420-F, including setup, features, and troubleshooting.</p>
	<p>Yale Smart Module Installation Guide for Z-Wave Plus v2 Assure Lock</p> <p>Step-by-step instructions for installing and removing the Yale Z-Wave Plus v2 Smart Module in Assure Lock 2 and other Yale smart locks. Includes model numbers and compatibility information.</p>