

[Manuals.plus](#) /

› [Yale](#) /

› Yale YRD510-MT1-BLK Matte Black Keyed Deadbolt Smart Lock with Google Matter User Manual

Yale YRD510-MT1

Yale YRD510-MT1-BLK Matte Black Keyed Deadbolt Smart Lock User Manual

Model: YRD510-MT1

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Yale YRD510-MT1-BLK Matte Black Keyed Deadbolt Smart Lock. This smart lock is designed for seamless integration with Google Home and supports Matter technology, offering enhanced security and convenience for your home access.

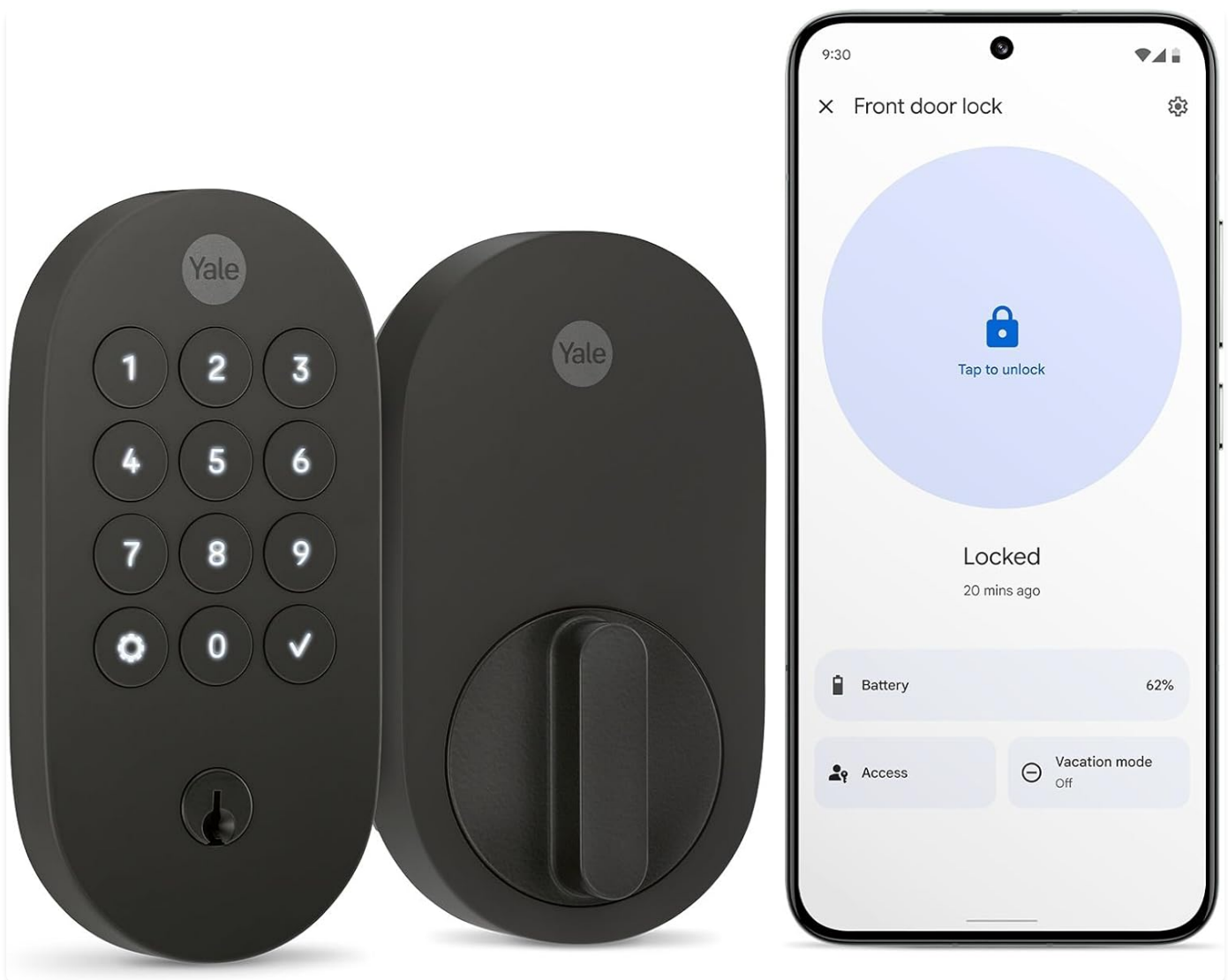


Image: The Yale Smart Lock, displaying its matte black exterior keypad with a keyhole, the interior thumbturn, and a smartphone screen showing the lock's status within the Google Home app.

2. WHAT'S INCLUDED

Verify that all components are present before beginning installation:

- Yale Smart Lock with Matter (Exterior Keypad and Interior Assembly)
- Deadbolt Latch
- Strike Plate
- Mounting Hardware (screws)
- 4 AA Batteries
- 1 Physical Key
- Yale DoorSense Sensor
- Installation Manual (this document)

3. INSTALLATION GUIDE

The Yale Smart Lock is designed to replace standard deadbolts on most US and Canadian doors. An adapter for smaller bore holes (1½") is included. Ensure your door thickness is between 1-3/8" to 2-1/4" (35mm to 57mm) and backset is 2-3/8" or 2-3/4" (60mm or 70mm).

3.1. Door Compatibility Check



Image: A diagram illustrating the required door dimensions for Yale Smart Lock installation, including door thickness (1-3/8" to 2-1/4"), bore hole diameter (2-1/8" or 1-1/2"), and backset (2-3/8" or 2-3/4").

3.2. Step-by-Step Installation

1. **Remove Existing Deadbolt:** Carefully remove your current deadbolt lock from the door.
2. **Install Latch:** Insert the new deadbolt latch into the door edge. Ensure it is oriented correctly for your door's swing. Secure with screws.

3. **Install Exterior Keypad:** Feed the cable from the exterior keypad through the bore hole and align the tailpiece with the latch mechanism. Press the keypad firmly against the door.
4. **Install Interior Mounting Plate:** On the interior side of the door, route the cable through the rectangular opening of the mounting plate. Secure the mounting plate to the exterior keypad using the provided screws.
5. **Connect Cable:** Connect the cable from the exterior keypad to the interior assembly.
6. **Install Interior Assembly:** Align the interior assembly with the mounting plate and the tailpiece. Secure it with the provided screws.
7. **Install Batteries:** Insert the 4 AA batteries into the interior assembly.
8. **Install Battery Cover:** Attach the battery cover to the interior assembly.
9. **Install DoorSense Sensor:** Install the Yale DoorSense sensor on the door frame, aligned with the lock, to detect the door's open/closed status.

4. OPERATING INSTRUCTIONS

Your Yale Smart Lock offers multiple ways to lock and unlock your door, providing flexible access options.

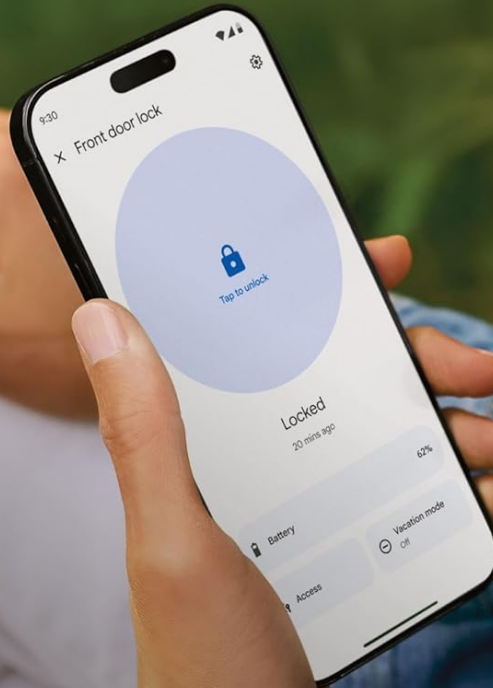
4.1. Keypad Operation

- **To Unlock:** Enter your personalized entry code on the keypad, then press the checkmark (✓) button. The deadbolt will retract.
- **To Lock:** Press the Yale logo button at the top of the keypad. The deadbolt will extend.

4.2. Google Home App Control

Manage your lock remotely using the Google Home app. This requires a Matter-enabled hub for remote access.

- **To Unlock:** Open the Google Home app, select your Yale Smart Lock, and tap the unlock icon. You may be prompted to enter a PIN for security.
- **To Lock:** Open the Google Home app, select your Yale Smart Lock, and tap the lock icon.



Control from anywhere

Use the Google Home app to create and share entry codes and see who comes and goes*.

***Matter-enabled hub required for remote access**

Image: A smartphone displaying the Google Home app interface for the Yale Smart Lock, showing the lock's status as "Locked" along with battery level and access settings.

4.3. Voice Control (Google Assistant)

If integrated with Google Assistant, you can use voice commands to lock your door. You may be required to state your PIN for security.

- **To Lock:** Say, "Hey Google, lock [Door Name]."
- **To Unlock:** Say, "Hey Google, unlock [Door Name]," and provide your PIN when prompted.

4.4. Physical Key

A traditional physical key is provided as a backup. Insert the key into the keyhole on the exterior keypad and turn to lock or unlock the deadbolt.

Your browser does not support the video tag.

Video: An official Yale video demonstrating the smart lock's features and operation in a home environment, including keypad and app usage.

5. SMART HOME INTEGRATION & ACCESS MANAGEMENT

The Yale Smart Lock is built with Matter technology, allowing seamless integration with various smart home platforms, including Google Home, Apple Home, Amazon Alexa, and Samsung SmartThings. Remote access features require a Matter-enabled hub.



Built with Matter onboard
for seamless compatibility across
brands and smart devices.



matter



Bluetooth®



***Features vary depending on Matter-enabled app**

Image: A graphic illustrating the Yale Smart Lock's broad compatibility with various smart home ecosystems, including Matter, Bluetooth, Google Home, Alexa, Apple Home, and Samsung SmartThings.

5.1. Creating and Managing Entry Codes

Through the Google Home app, you can create and manage custom entry codes for family, friends, or temporary guests. You can also set schedules for these codes.

- Open the Google Home app.

- Select your Yale Smart Lock.
- Navigate to the "Manage Access" or "Guest List" section.
- Follow the on-screen prompts to add new users and assign unique entry codes. You can specify access types (e.g., "Always," "Recurring," "Temporary").
- Codes can be easily removed or modified as needed.

5.2. Auto-Lock Feature

Enable the auto-lock feature in the Google Home app to automatically lock your door after a set period of time (e.g., 30 seconds to 2 minutes) once it has been unlocked. This provides added peace of mind.

5.3. Vacation Mode

Activate Vacation Mode via the app to temporarily disable the keypad, preventing unauthorized entry while you are away.

6. MAINTENANCE

6.1. Battery Replacement

The Yale Smart Lock uses 4 AA Alkaline batteries. Thanks to Matter over Thread technology, the lock is energy-efficient, extending battery life. When the battery level is low, you will receive notifications via the Google Home app.

- Remove the battery cover on the interior assembly.
- Replace the old batteries with new 4 AA Alkaline batteries, ensuring correct polarity.
- Replace the battery cover.

6.2. Cleaning

Clean the exterior keypad and interior assembly with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or electronic components. The matte keypad is designed to resist fingerprints.

7. TROUBLESHOOTING

- **Lock Not Responding:** Check battery levels in the app or replace batteries. Ensure the lock is within range of your Matter-enabled hub.
- **Keypad Not Lighting Up:** This may indicate low batteries. Replace them.
- **Entry Code Not Working:** Verify the code in the Google Home app. Ensure the code has not expired or been disabled.
- **Remote Access Issues:** Confirm your Matter-enabled hub is online and properly connected to your home network. Check the lock's connectivity status in the Google Home app.
- **DoorSense Calibration:** If the door status is inaccurate, recalibrate the DoorSense sensor through the Google Home app settings for the lock.
- **Lock Mechanism Sticking:** Ensure the deadbolt latch is properly aligned and moves freely. Check for any obstructions in the door frame or strike plate.

8. SPECIFICATIONS

Feature	Detail
Brand	Yale
Model Name	Yale Smart Lock with Google Matter - Black
Model Number	YRD510-MT1-BLK
Lock Type	Deadbolt, Keypad
Special Features	Auto-Lock, Back-Lit Keypad, Weather Resistant
Connectivity Protocol	Bluetooth, Matter
Control Method	App, Push Button, Voice
Material	Metal (60% recycled plastic)
Color	Matte Black
Item Dimensions (L x W x H)	0.88 x 2.56 x 5.38 inches
Item Weight	3.61 pounds (1.64 Kilograms)
Batteries Required	4 AA Alkaline Batteries (Included)
Security Certification	ANSI/BHMA Grade 2
UPC	081023117371

9. WARRANTY AND SUPPORT

The Yale Smart Lock is backed by a 2-year warranty. For technical support, troubleshooting assistance, or warranty claims, please refer to the official Yale support channels or visit their website. For additional information and resources, visit the [Yale Store on Amazon](#).

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