



# Yale Z-Wave Door Lock Integration Release Notes

For all models

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**Last modified:** 05/13/19

## Preface

For information on Z-Wave and ClareHome, see [Installing Z-Wave with ClareHome](#).

## Notes

- When installing Z-Wave devices, ensure that there is nothing inhibiting their signal. Z-Wave relies on radio signals. Metal or thick walls may limit their signal strength.
- We recommend having 2 or more repeating Z-Wave devices that support beaming.

## Introduction

Yale Z-Wave door locks integrate with ClareHome via the Z-Wave network. Installers only need to pair (add) the unit into the ClareHome. The locks provide real time lock status indications.

By integrating a Yale door lock into the ClareHome control system, your customers can control the door lock from their Android or iOS devices.

## Installing and programming Yale door locks

Only qualified installation technicians should install Yale door locks. Follow the installation and programming instructions that came with your Yale equipment. We recommend that you pair the lock with the ClareHome Z-Wave controller before installing it in the door.

### Notes

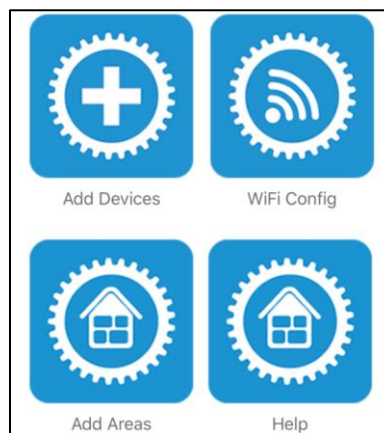
- You must be within 6 feet of the controller for the lock to pair.
- The door lock is configurable using the ClareHome app, the Clare Controls Install Assist app, and Fusion.

## Pairing, configuring, and removing the Yale

After installing the door lock, pair it.

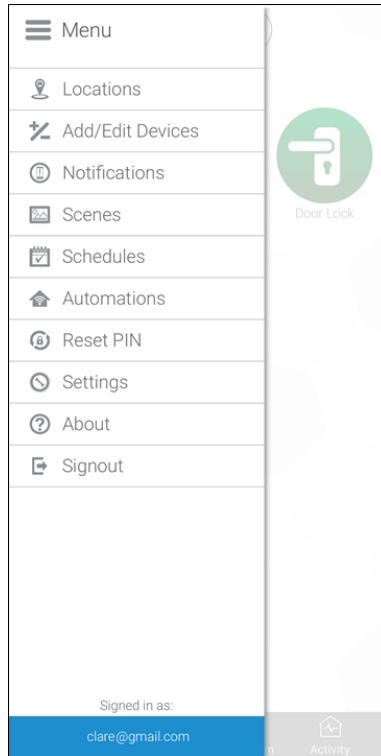
**To pair the door lock using ClareHome or Install Assist:**


1. Access the Clare Controls Install Assist app, and then tap **Add Devices**.

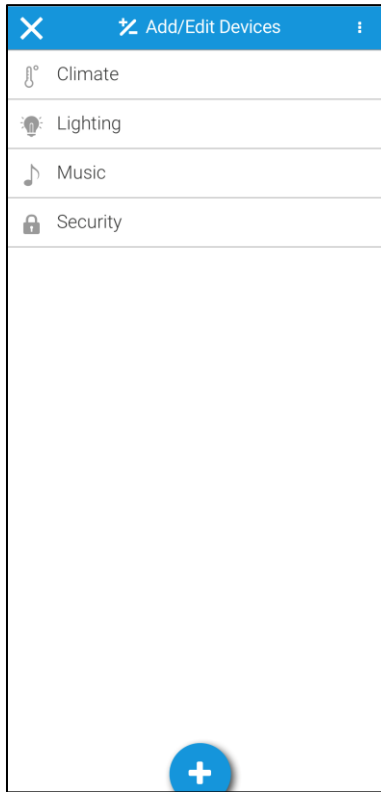


– or –

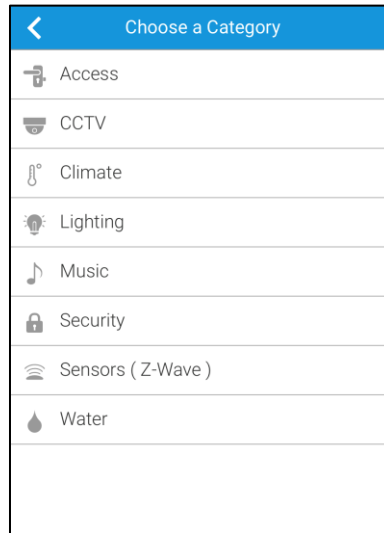
Access the ClareHome Menu, and then tap **Add/Edit Devices**.



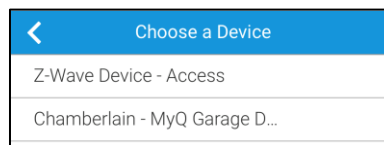
2. At the bottom of the screen, tap the plus icon .



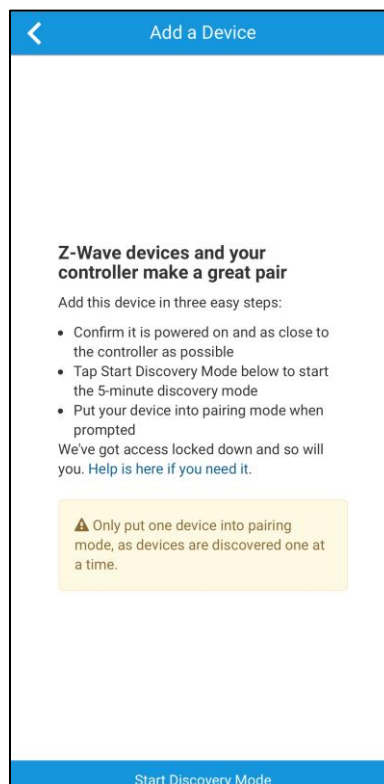
3. Tap **Access**.



4. Tap **Z-Wave Device - Access**.



5. Tap **Start Discovery Mode**, and then pair the device as per the manufacturer's instructions.



6. Enter a name for the door lock, and then select an area.

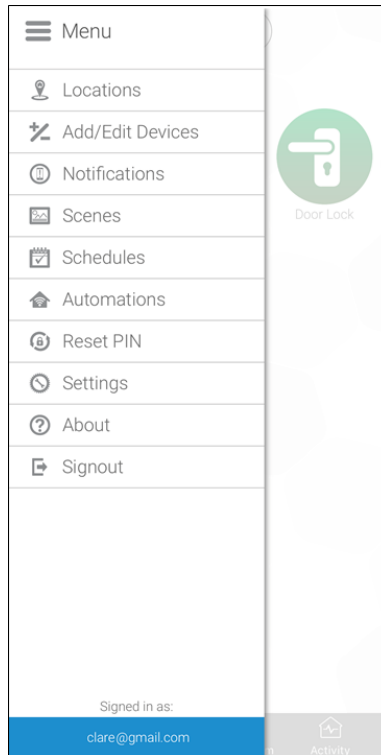
The screenshot shows a mobile application interface titled "Edit Device". At the top left is a back arrow. The main content area includes:

- Device Name:** A text input field containing "Door Lock".
- Device Area:** A dropdown menu currently showing "Garage". To its right is a blue button labeled "Add an Area".
- Type:** A label "Yale-Door Lock" with a small lock icon to its left.
- Status:** A green checkmark icon followed by the text "Device is online".
- Bottom:** A large blue button labeled "Configure Door Lock Codes".

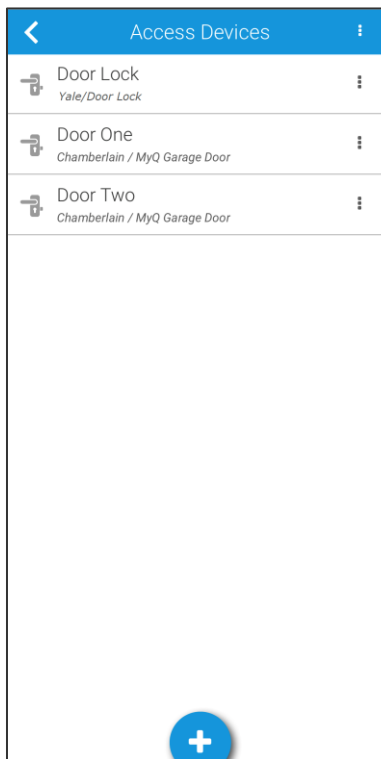
7. Tap outside of the area drop-down and the door lock automatically saves.
8. Continue to set or remove Personal Identification Numbers (PINs) for the door lock.

**To add a door lock PIN:**

1. Access the **Menu** ☰, and then tap **Add/Edit Devices**.



2. Tap **Access**, and then select the desired door lock.



3. Enter an ID number, and then enter the desired door lock code.

**Note:** Each door lock has a set number of usable IDs and PIN codes. Read your device's documentation to find out how many IDs are supported and the available format of the PINs.

The screenshot shows the 'Edit Device' screen in an application. At the top, there is a blue header with a back arrow and the text 'Edit Device'. Below the header, there is instructional text: 'Enter a user number for the code, then check whether it is in use. If not in use, a success message will appear. Then enter a door lock code and save or remove it.' The 'User Number' field is labeled with an information icon and contains the number '2'. Below this field is a button labeled 'Check User Number Usage'. The 'Door Lock Code' field is also labeled with an information icon and contains four dots. Below this field are two buttons: a blue 'Save Code' button and a red 'Remove Code' button. At the bottom of the screen, there is a yellow warning box with a triangle icon and the text: 'Since user numbers can be used out of order, when removing a code you may wish to remove all codes for added security. This will not remove the master door lock code.' Below the warning box is a red button labeled 'Remove All Codes'.

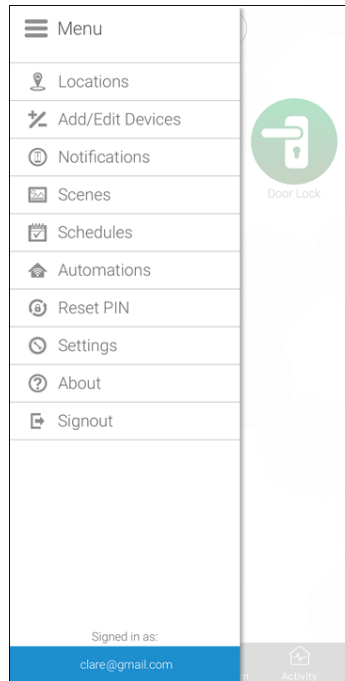
4. Tap **Save Code**.

Once the code is saved, the code is functional on the door lock.

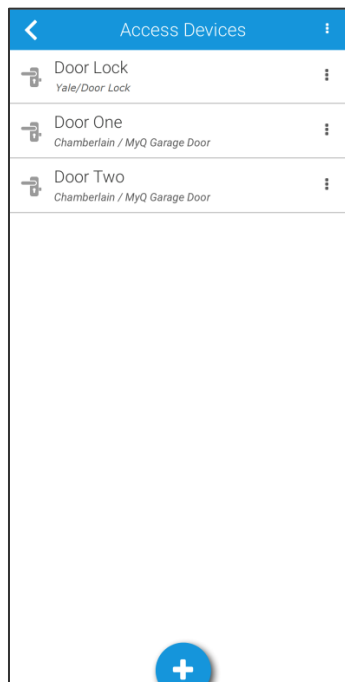
**Note:** For scene, schedule, notification, and automation configuration, see [ClareHome App Guide \(DOC ID 1750\)](#).

**To remove a door lock PIN:**

1. Access the **Menu** ☰, and then tap **Add/Edit Devices**.



2. Tap **Access**, and then select the desired door lock.

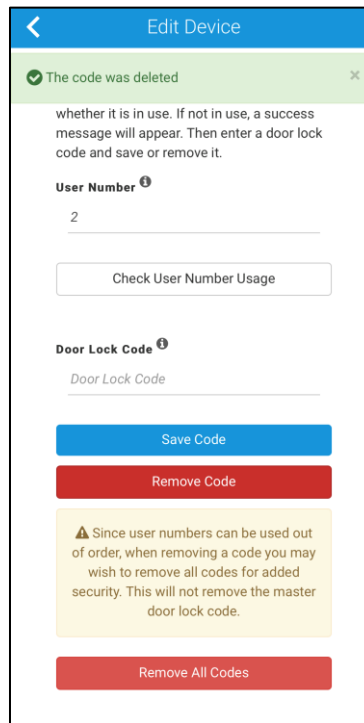


3. Enter an ID number, and then tap **Remove Code**.


**Note:** The ID number is a user number with an assigned access code.

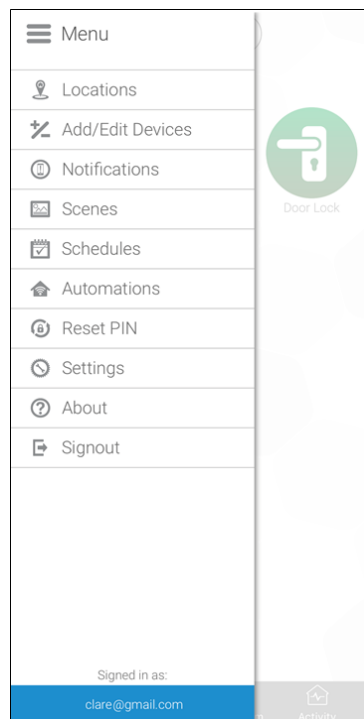


4. A success message displays, the code(s) is no longer associated with the door lock.

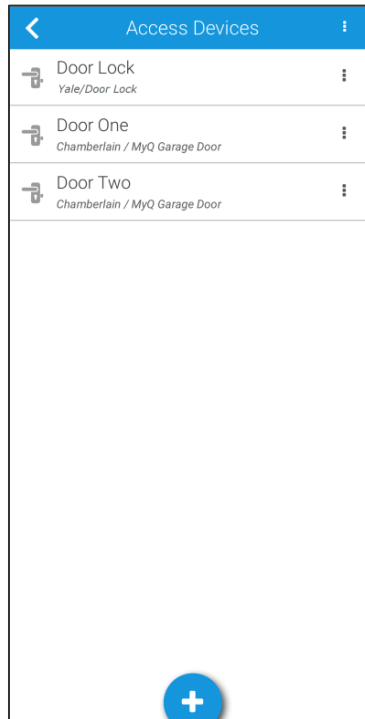


### To remove all door lock PINs:

1. Access the **Menu** , and then tap **Add/Edit Devices**.

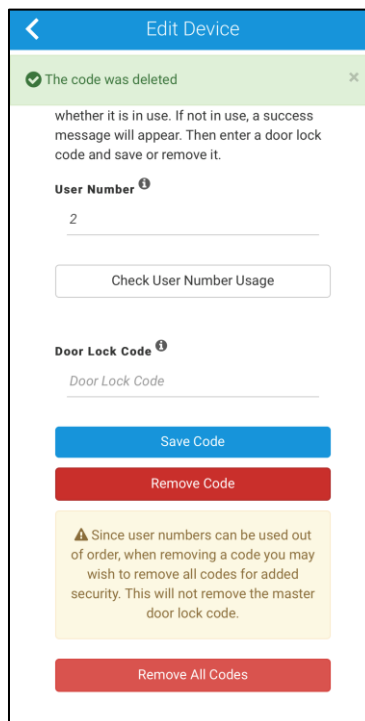


2. Tap **Access**, and then select the desired door lock.



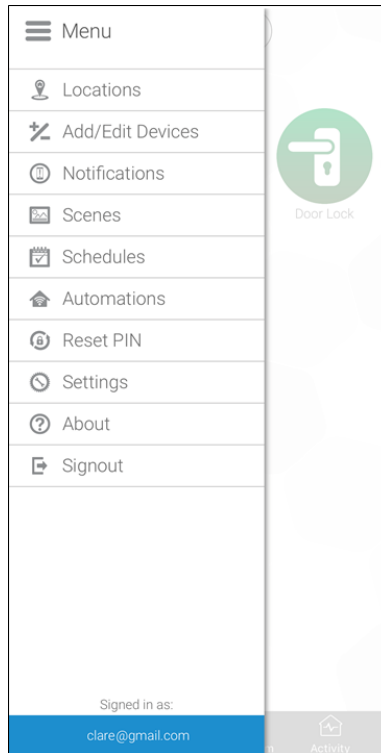
3. Tap **Remove All Codes**.

A success message displays. Only the master code remains associated with the door lock. All other codes are removed.

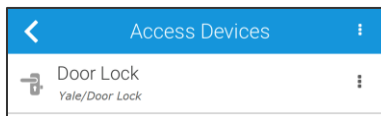


To see if here is an existing PIN associated with a user ID:

1. Access the **Menu** ☰, and then tap **Add/Edit Devices**.



2. Tap **Access**, and then select the desired door lock.



3. Enter the desired ID in, and then tap **Get Code**.

If the ID has a PIN associated with it, a redacted code appears in **Door Lock Code** field.

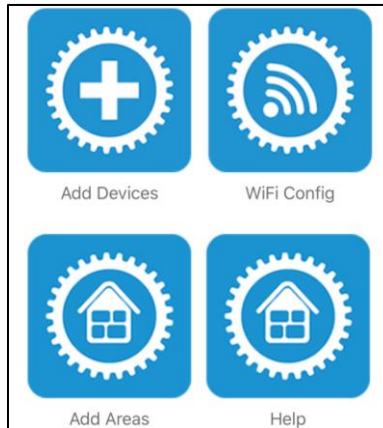
The screenshot shows the 'Edit Device' screen. At the top, there is a blue header with a back arrow and the text 'Edit Device'. Below the header, there is a paragraph of text: 'Enter a user number for the code, then check whether it is in use. If not in use, a success message will appear. Then enter a door lock code and save or remove it.' Below this text, there is a 'User Number' field with a redacted value '1' and a 'Check User Number Usage' button. Below that, there is a 'Door Lock Code' field with redacted dots and two buttons: 'Save Code' (blue) and 'Remove Code' (red). At the bottom, there is a yellow warning banner with a triangle icon and the text: 'Since user numbers can be used out of order, when removing a code you may wish to remove all codes for added security. This will not remove the master door lock code.' Below the banner is a 'Remove All Codes' button (red).

If there is not PIN associated with that ID, an available banner displays denoting that the ID is usable.

The screenshot shows the 'Edit Device' screen. At the top, there is a blue header with a back arrow and the text 'Edit Device'. Below the header, there is a green success banner with a checkmark icon and the text: 'The entered user number is not in use'. Below the banner, there is a paragraph of text: 'whether it is in use. If not in use, a success message will appear. Then enter a door lock code and save or remove it.' Below this text, there is a 'User Number' field with a redacted value '3' and a 'Check User Number Usage' button.

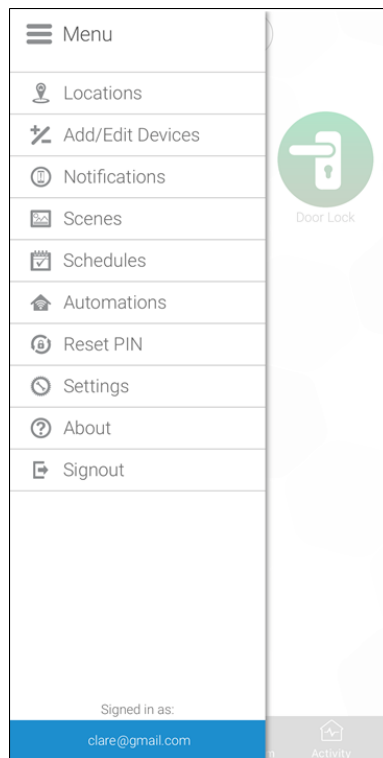
**To remove the door lock using ClareHome or Install Assist:**

1. Access the Clare Controls Install Assist app, and then tap **Add Devices**.

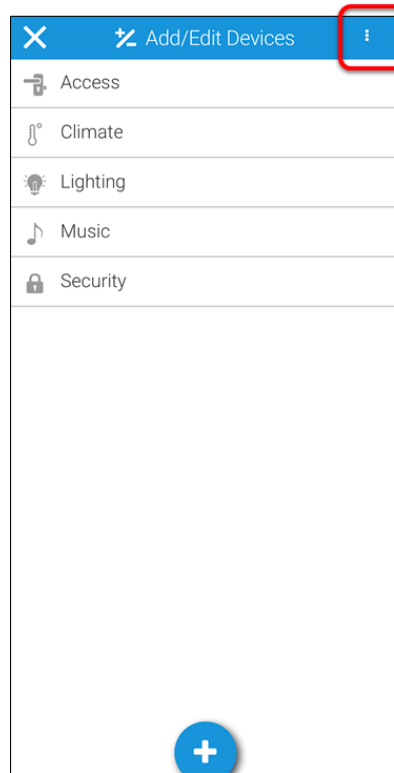


– or –

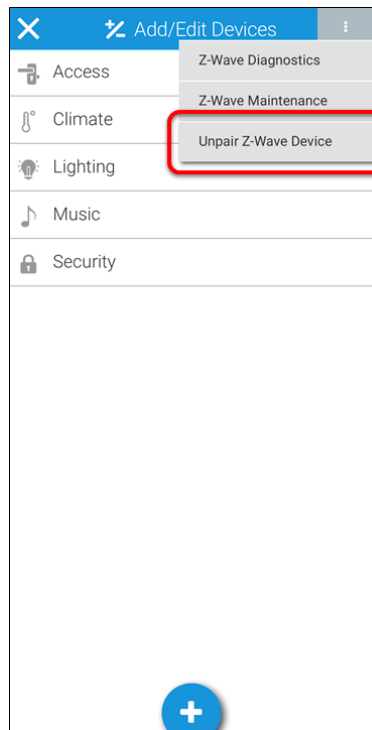
Access the ClareHome menu, and then tap **Add/Edit Devices**.



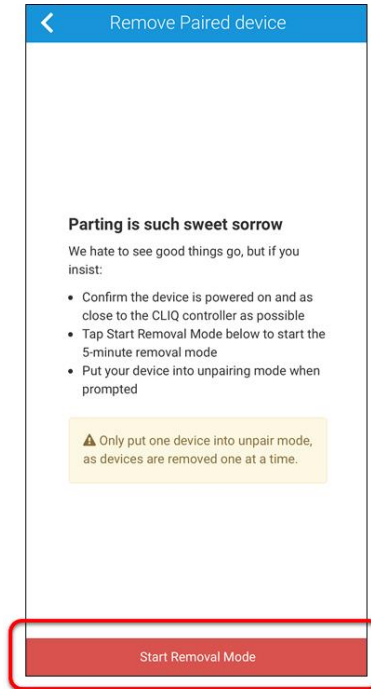
2. Tap the dots in the upper-right corner.



3. Tap **Unpair Z-Wave Device**.



4. Tap **Start Removal Mode**, and then remove the device as per the manufacturer's instructions.




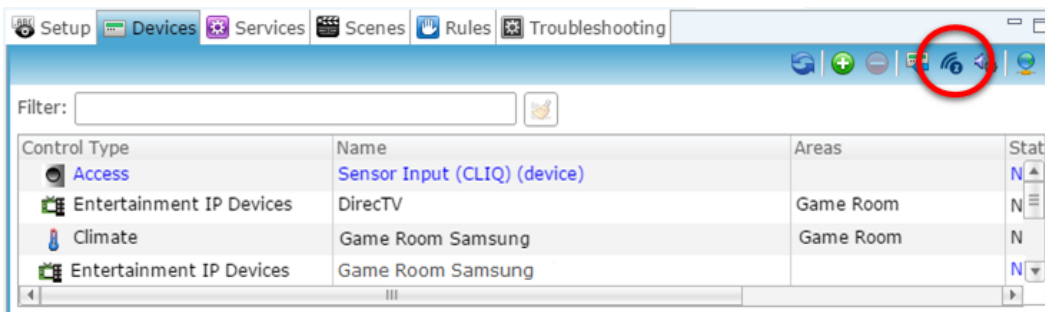
**Note:** Press and hold the same button used in pairing the device to remove the device.

## Pairing and removing the lock in Fusion

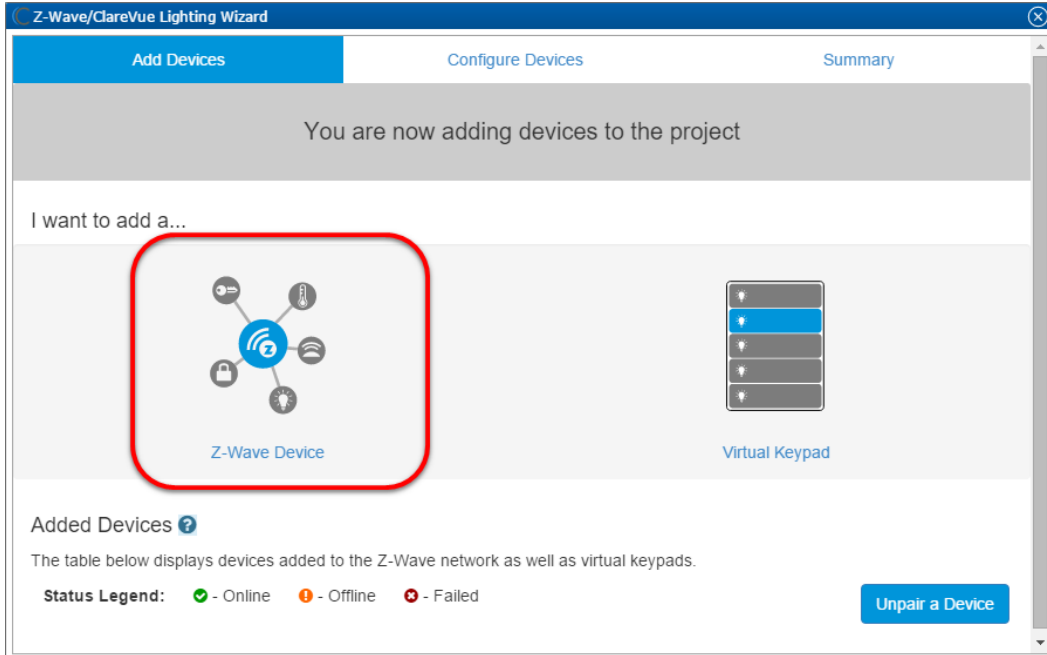
Before installing the door lock, pair it.

**To pair the door lock with Fusion:**

1. Access your project, and then click the **Z-Wave Wizard** icon .



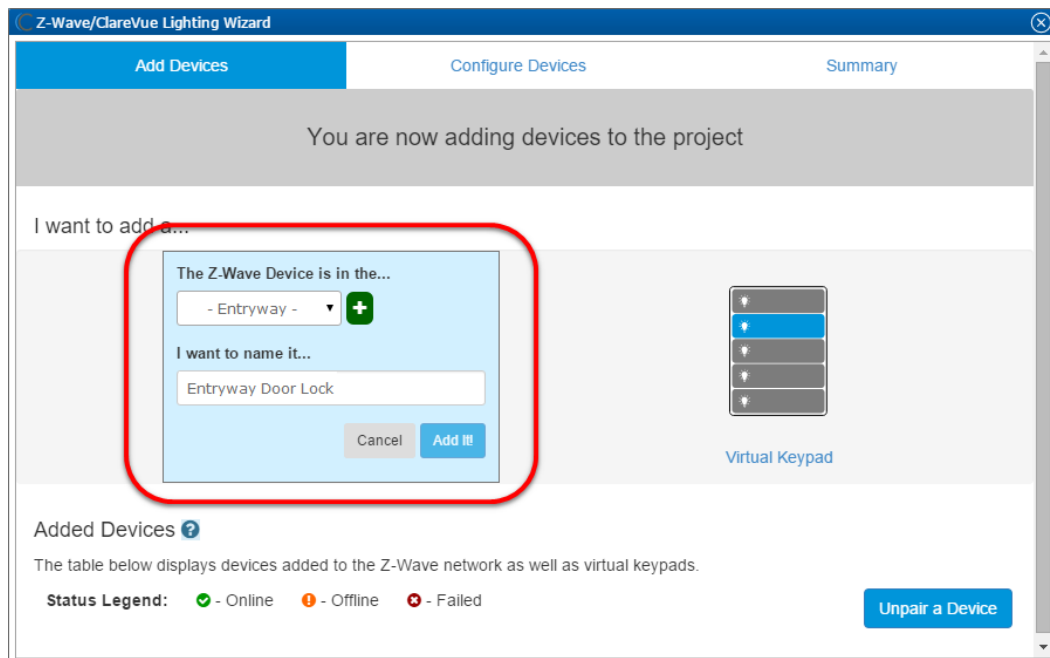
2. Click on **Z-Wave Devices**.



3. Select the device's location, and then enter a name for the device.

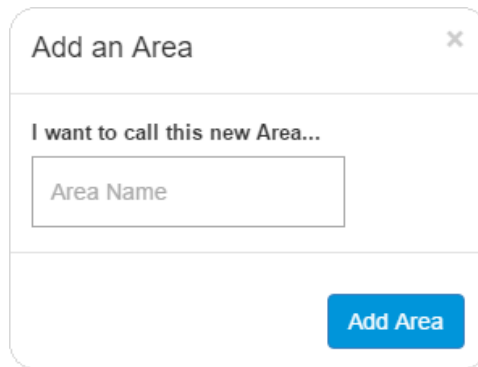
**Notes**

- We recommend naming the device after its location to avoid confusion. For example, Entryway Door Lock.





- If you want to add an area, click the green plus icon , enter a name for the area, and then click **Add Area**.



Add an Area

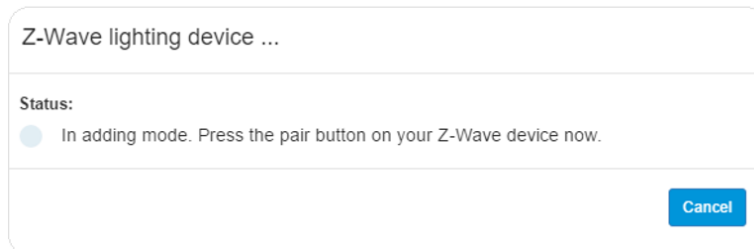
I want to call this new Area...

Area Name

Add Area

4. Click **Add It!**.

The Z-Wave adding mode dialog displays.



Z-Wave lighting device ...

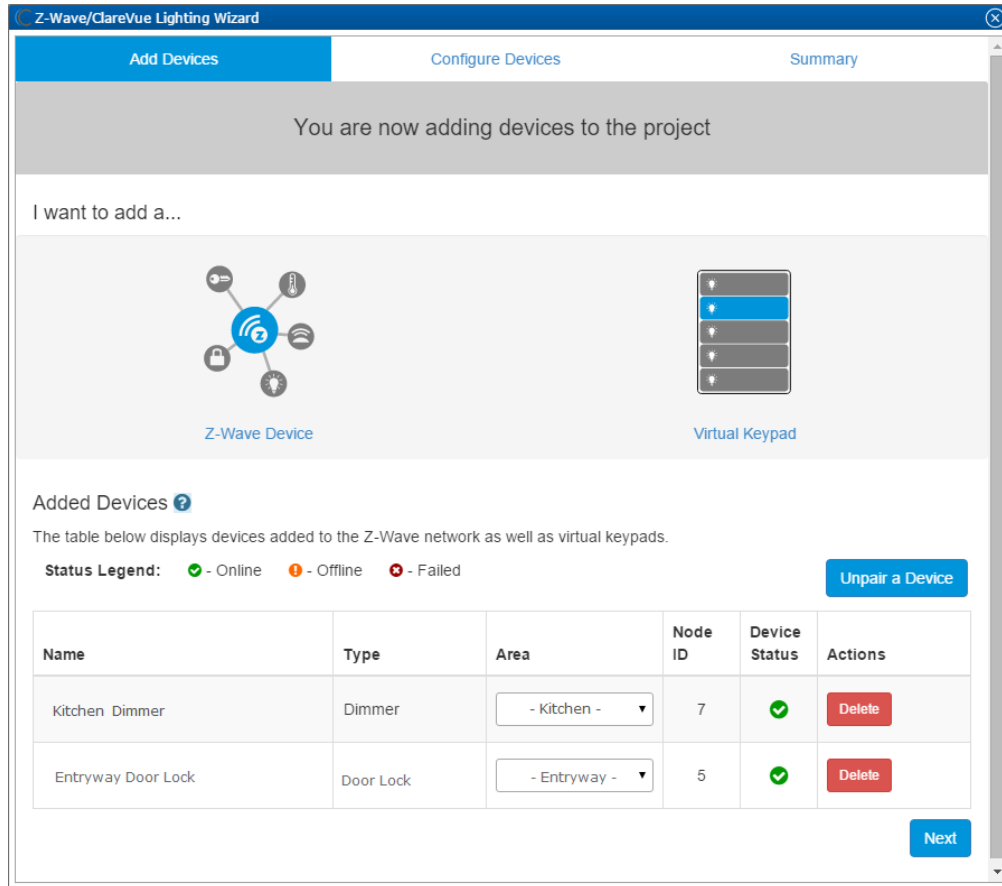
Status:

In adding mode. Press the pair button on your Z-Wave device now.

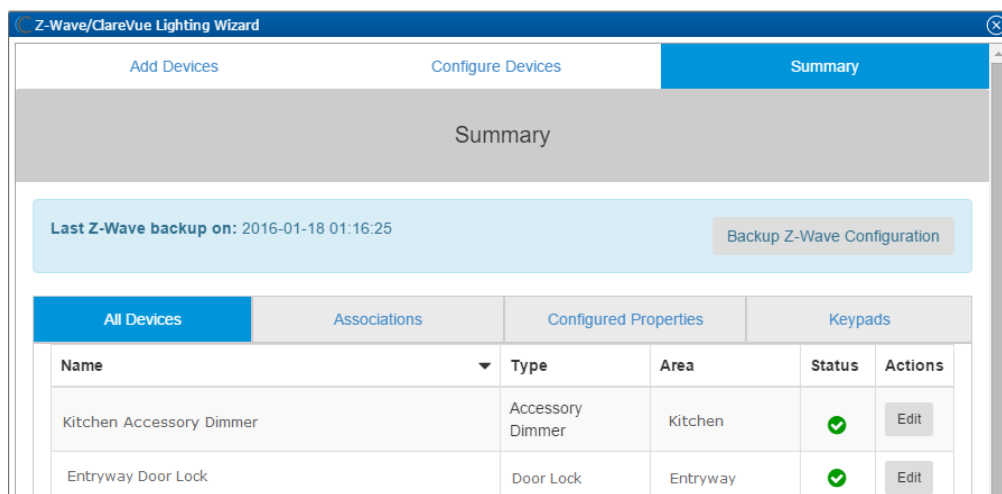
Cancel

5. Remove the door lock's battery cover, and then press and hold the Z-Wave button until the lock stops beeping and makes a chime sound. Refer to installation instructions included with your Yale device.

6. The door lock appears in in the added devices list.



7. Click the **Summary** tab to view all Z-Wave Wizard added devices and their status.




8. Click the **Close Window** icon  in the top-right of the wizard to exit and return to the **Devices** tab.

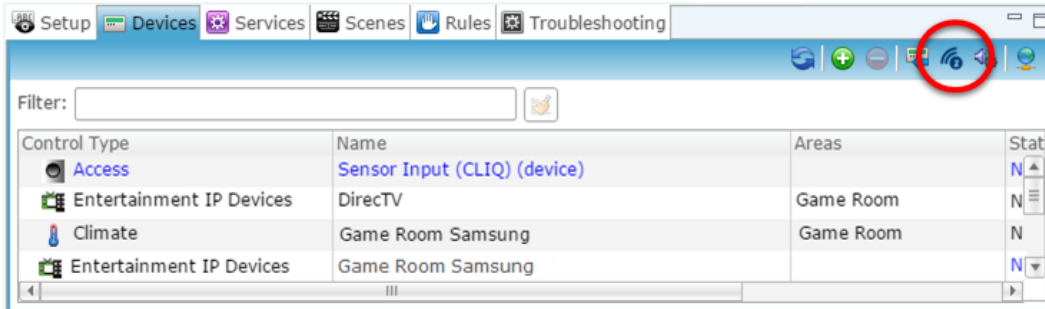
**Note:** The Z-Wave devices added with the Z-Wave Wizard are automatically imported on the **Devices** tab.

- Expand the device to view all child devices.

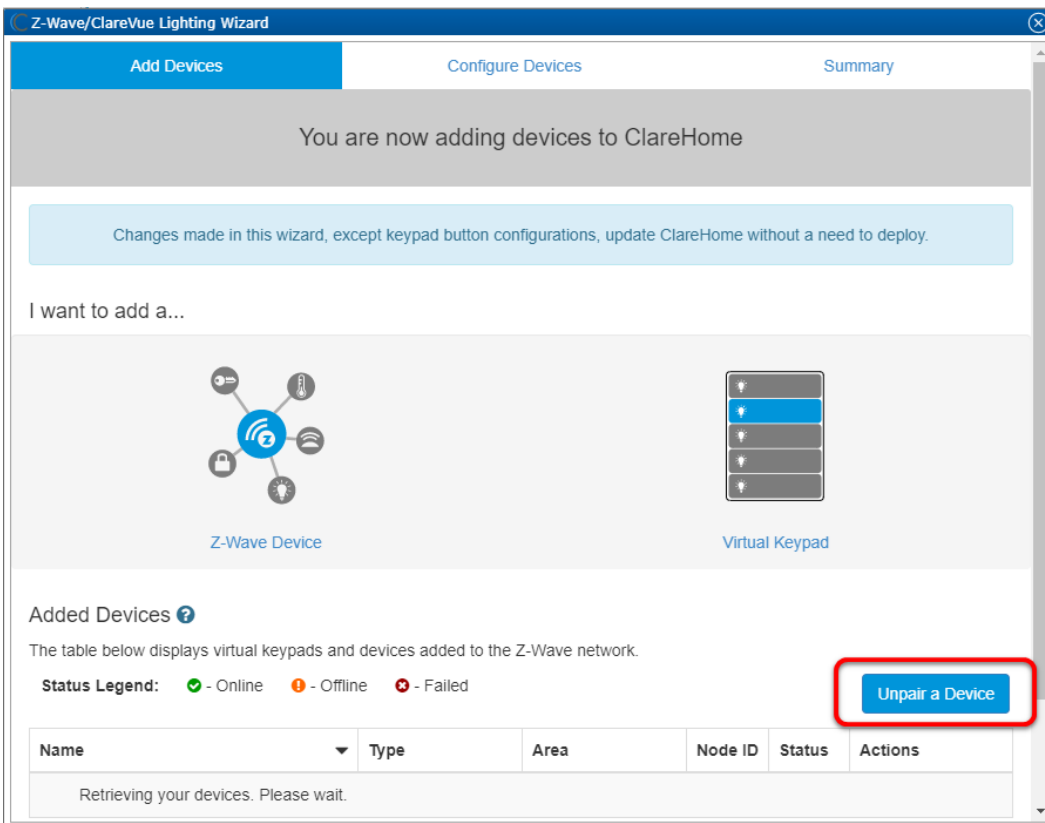
**Note:** If the device has no children, you must unpair the door lock, and then repair it. This ensures that all features are active and available for the door lock.

### To remove the door lock with Fusion:

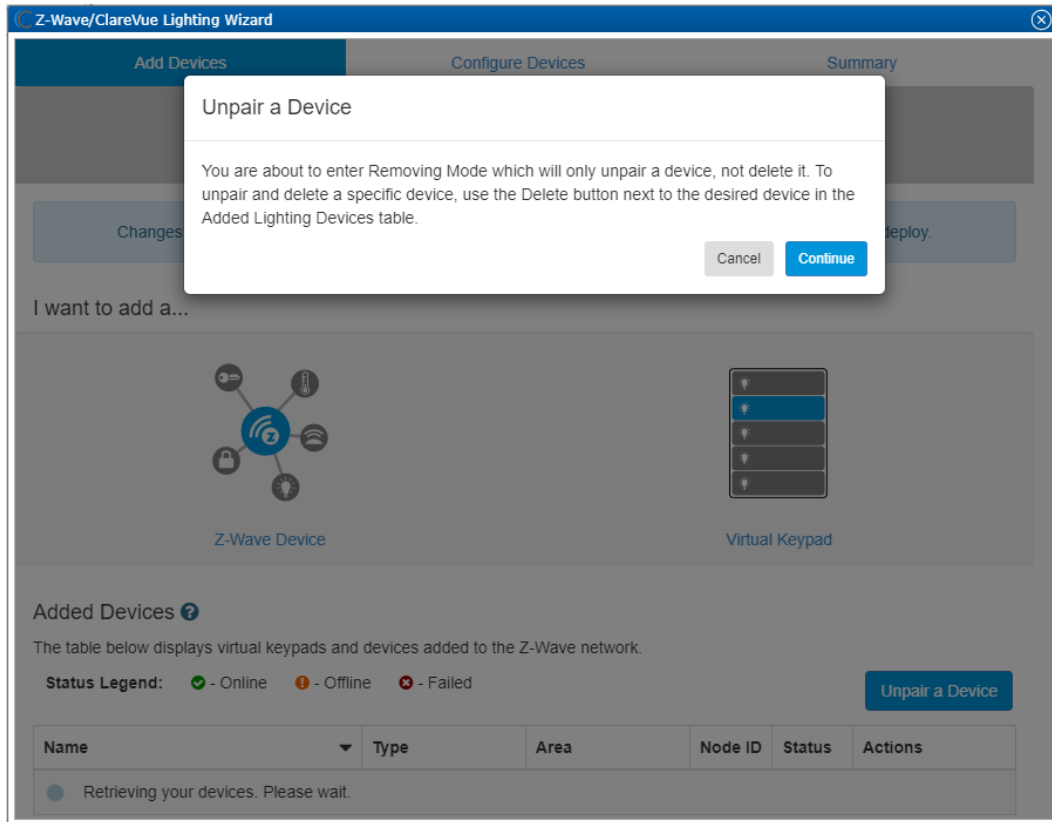
- Access your project, and then click the **Z-Wave Wizard** icon .



- Click on **Unpair a Device**.



3. Click **Continue**.



4. Press the Z-Wave button on Yale door lock.  
The door is removed from the devices list.

## Creating rules with the Yale door lock


Configure a rule for the Yale door lock.

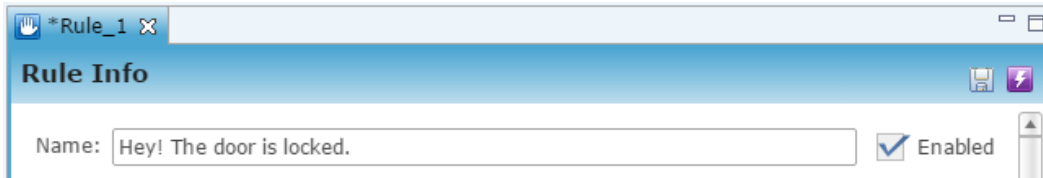
The following example sets a locked detection rule. When the door lock detects it has been locked, the homeowner is alerted with an email.

**To create the door lock rule in Fusion:**

1. Access your project, and then click the **Rules** tab.



2. Click the **New Rule** button .
3. Enter a name for the rule, and then select the Enable Rule checkbox.



4. Configure the Event Part as below.


**Note:** This release of the Yale door locks only supports the Lock/Unlock device.

- **Event Type:** Device Property Change Event  
**Note:** The Device Property Change Event replaced the Device Property Value Event.
- **Device:** Yale Lock/Unlock
- **Function:** Door Lock
- **Property:** State
- **Constraint:** =
- **Value:** Detected

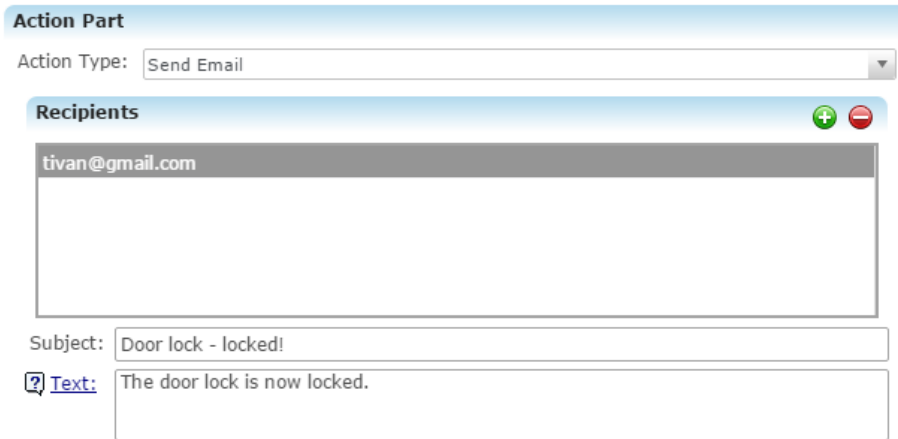
Event Part	
Event Type:	Device Property Change Event
Device:	<a href="#">Yale YRD-120, Lock/Unlock</a>
Function:	Door Lock
Property:	State
Constraint:	=
Value:	detected

5. Configure the Action part as below.

- **Action Type:** Send Email
- **Recipients:** The homeowner's Email address



**Note:** To add an Email address, you must click the green plus icon . Do this for each desired Email recipient.

- **Subject:** The purpose of the alarm
- **Text:** The information included in the email




**Action Part**

Action Type:

**Recipients**  

tivan@gmail.com

Subject:

 **Text:**

6. Click the **Save** button , and then deploy the project.

### Rule options for the Yale door lock

When creating rules for the Yale door locks, consult the below table to better understand the options available.

**Table 1: Yale door lock properties**

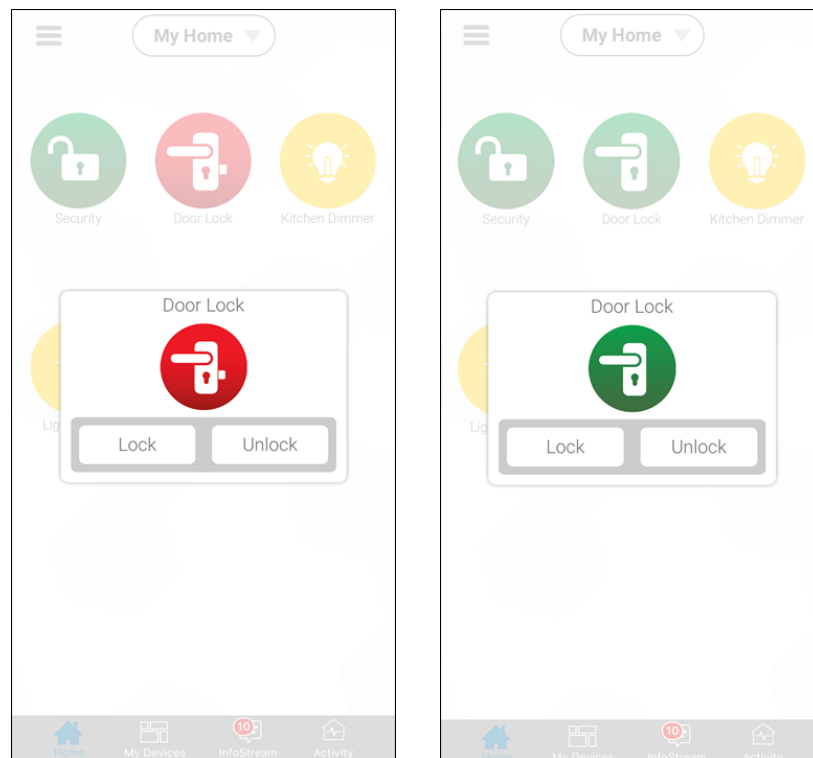
Device	Event Type	Functions	Property	Constraint	Value
Yale Door Lock (child)	Door Lock	On/Off State	State	>, <, =, >=, <=	Detected or Not detected [1]
	Battery Level	Not supported			

**[1] Detected/Not Detected:** The door lock either detects or does not detect that the door is locked.

## Using the door lock in the ClareHome app

Once deployed, the user can add the device to their space, and then tap the door icon in the ClareHome app to display and operate the door lock's controls, as shown below.

**Figure 1: Locked and unlocked Yale display**



## Contact information

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Homeowner Support (ClareCare): 941.315.2273 (CARE)  
[help@clarecontrols.com](mailto:help@clarecontrols.com)