

## Yale SD-M1100

# Yale SD-M1100 Smart Door Lock Z-Wave Module 2 Instruction Manual

Enhance your Yale Smart Lock with Z-Wave connectivity

## 1. INTRODUCTION

The Yale SD-M1100 Z-Wave Module 2 is designed to integrate your compatible Yale Smart Door Lock with Z-Wave enabled smart home systems. This module allows for remote control, user management, and audit trail visibility, enhancing the functionality of your smart lock.

This manual provides essential information for the installation, operation, and maintenance of your Z-Wave Module 2.

## 2. COMPATIBILITY

The Yale SD-M1100 Z-Wave Module 2 is specifically designed for use with the following Yale Smart Door Locks:

- **Yale Conexis L1**
- **Yale Keyless Connected**

**Important: This module is not compatible with other Yale lock models or non-Yale smart locks. Please verify your lock model before installation.**

## 3. SETUP AND INSTALLATION

Installation of the Z-Wave Module 2 is designed to be user-friendly. Follow these steps to integrate the module with your Yale Smart Lock and Z-Wave network.

### 3.1 Physical Installation

1. Ensure your Yale Smart Lock is powered off or batteries are temporarily removed.
2. Locate the battery compartment on your Yale Smart Lock.
3. Carefully remove the battery cover.
4. Insert the Yale SD-M1100 Z-Wave Module 2 into the designated slot within the battery compartment.

Ensure the pins align correctly.

5. Replace the battery cover and reinsert batteries (if removed).



*Image 1: Yale SD-M1100 Z-Wave Module 2. This image shows the compact blue module with its electrical connector pins, ready for insertion into a compatible Yale smart lock.*

### 3.2 Z-Wave Network Pairing

To connect the module to your Z-Wave smart home system (e.g., Samsung SmartThings or Yale Smart Home Hub), follow these general steps:

1. Place your Z-Wave controller (hub) into inclusion or pairing mode. Refer to your Z-Wave controller's manual for specific instructions.
2. With the Z-Wave Module 2 installed in your Yale Smart Lock, initiate the pairing process on the lock itself. This usually involves entering a master code and selecting a pairing option. Consult your specific Yale Smart Lock manual for exact steps.
3. It is recommended to perform the initial pairing with the smart lock in close proximity to your Z-Wave controller to ensure a strong connection.
4. Once successfully paired, your Z-Wave controller should recognize the Yale Smart Lock with the SD-M1100 module.

## 4. OPERATING INSTRUCTIONS

Once the Z-Wave Module 2 is successfully installed and paired, you can utilize its advanced features through your Z-Wave smart home application.

### 4.1 Remote Control via Smartphone

Through your compatible Z-Wave home automation system's application, you can remotely lock and unlock your door from anywhere in the world, provided your smart home system has internet connectivity.

## 4.2 User Management and Virtual Keys

- **Scheduled Access:** Create and manage virtual keys with scheduled access periods. This is useful for granting temporary access to service providers, guests, or family members.
- **Send Virtual Keys:** Your smart home application allows you to create and send virtual keys to others, providing them with access to your property.

## 4.3 Audit Trails

The module enables audit trail functionality, allowing you to view a history of when your lock has been used and by which user. The specific details and availability of this feature may vary depending on your Z-Wave system.

## 4.4 Enhanced Security

The Z-Wave Module 2 incorporates Z-Wave S2 Security, providing a high level of encryption and protection for your smart lock's communication within your smart home network.

# 5. MAINTENANCE

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The Yale SD-M1100 Z-Wave Module 2 requires minimal maintenance. To ensure optimal performance:

- Keep the module and the smart lock dry and free from excessive dust or debris.
- Avoid exposing the module to extreme temperatures or humidity.
- Regularly check the batteries of your Yale Smart Lock, as the Z-Wave module draws power from the lock.

# 6. TROUBLESHOOTING

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If you encounter issues with your Yale SD-M1100 Z-Wave Module 2, consider the following troubleshooting steps:

- **Module Not Recognized:**
  - Ensure the module is correctly inserted into the Yale Smart Lock.
  - Verify that your Yale Smart Lock model (Conexis L1 or Keyless Connected) is compatible with the SD-M1100 module.
  - Attempt to re-pair the module with your Z-Wave controller, ensuring the lock is close to the controller during the pairing process.
  - Check the batteries in your smart lock.
- **Remote Control Issues:**
  - Confirm your Z-Wave smart home system is online and connected to the internet.
  - Check the status of the module within your Z-Wave application.
  - Ensure your smartphone has a stable internet connection.
- **Battery Drain Concerns:**

While the Z-Wave Module 2 is designed for low power consumption, some users have reported concerns about increased battery drain. Monitor your smart lock's battery levels regularly after

module installation. If excessive drain occurs, ensure your Z-Wave network is stable and the module is not constantly searching for a connection.

• **Voice Assistant (e.g., Alexa) Commands:**

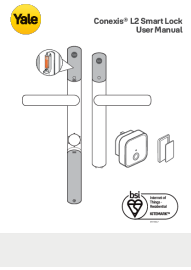

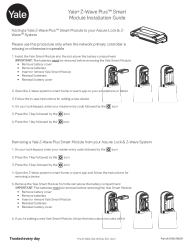
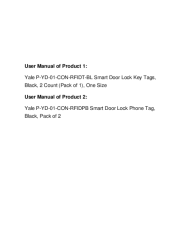
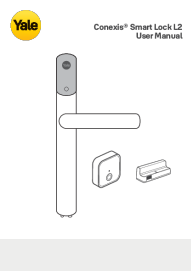

For security reasons, most voice assistants will only allow a "LOCK" command for smart locks. The "UNLOCK" command is typically blocked to prevent unauthorized access. This is a standard security feature and not a malfunction of the module.

7. SPECIFICATIONS

Feature	Detail
Model Number	SD-M1100
Manufacturer	Yale
Item Weight	7.98 g
Product Dimensions	4.9 x 1.6 x 1.8 cm (49 x 16 x 18 millimeters)
Material	Metal
Color	Blue
Special Features	App control, Easy to Install
Included Components	1x Z-Wave Module 2
Compatibility	Yale Conexis L1 & Keyless Connected Smart Door Locks
Security	Z-Wave S2 Security

8. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation provided with your Yale Smart Door Lock or visit the official Yale website. Ensure you have your product model number (SD-M1100) and your Yale Smart Lock model readily available when contacting support. For further assistance, you may contact Yale customer service through their official channels. Links to official support resources can typically be found on the Yale website.

	<p><a href="#">Conexis L2 Smart Lock User Manual - Installation and Setup Guide</a></p> <p>Comprehensive user manual for the Yale Conexis L2 Smart Lock, covering installation, setup, app integration, and troubleshooting. Learn how to install and use your smart lock.</p>
	<p><a href="#">Yale Assure Lever Collection Specifications &amp; Features</a></p> <p>Explore the Yale Assure Lever collection, featuring smart keypad and touchscreen locks. Discover specifications, finishes, product numbers, and smart home integration options like Z-Wave Plus, Zigbee, and Connected by August for enhanced home security.</p>
	<p><a href="#">Yale Z-Wave Plus Smart Module Installation Guide &amp; NexTouch Lock Integration</a></p> <p>Detailed installation and integration guide for Yale Z-Wave Plus smart modules with Assure Locks and NexTouch smart lock systems. Covers setup, programming, Z-Wave connectivity, and troubleshooting by Yale (ASSA ABLOY).</p>
	<p><a href="#">Yale Conexis L1 Smart Door Lock User Manual &amp; Installation Guide</a></p> <p>Comprehensive user manual for the Yale Conexis L1 Smart Door Lock. Includes detailed installation steps, setup guides for key cards, phone apps, virtual keys, and smart home integration. Learn to operate and troubleshoot your secure, keyless Yale smart lock.</p>
	<p><a href="#">Yale Conexis Smart Lock L2 User Manual</a></p> <p>A comprehensive user manual for the Yale Conexis Smart Lock L2, covering product overview, installation, setup, and troubleshooting.</p>
	<p><a href="#">Yale Assure Lever Collection: Smart Lock Specifications &amp; Features</a></p> <p>Explore the Yale Assure Lever collection, featuring smart keypad and touchscreen door locks. Discover key-free and keyed options, smart home integration with Z-Wave Plus, Zigbee, and August, available finishes, and detailed specifications.</p>

