Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Yale YDR3110

Yale YDR 3110 Smart Door Lock User Manual

Model: YDR3110

Introduction

The Yale YDR 3110 Smart Door Lock is a sophisticated security device designed to provide convenient and secure access to your property. This manual provides essential information for the proper installation, operation, and maintenance of your smart lock, ensuring optimal performance and longevity.

The YDR 3110 offers multiple access methods, including RFID cards and PIN codes, with optional Bluetooth connectivity for enhanced control. It incorporates advanced features such as automatic locking, alarm functions, and low battery warnings to enhance your security experience.

Safety Information

- Do not expose the lock to direct rain or excessive moisture.
- Ensure all components are securely fastened during installation to prevent malfunction.
- Use only specified battery types and replace all batteries simultaneously.
- Keep RFID cards and PIN codes confidential to maintain security.
- In case of fire, the lock is designed to allow emergency exit.

Product Overview

The Yale YDR 3110 Smart Door Lock consists of an exterior unit with a keypad and an interior unit containing the battery compartment and manual override. Understanding these components is crucial for proper use.



Figure 1: Exterior Unit Front View

This image displays the sleek silver and black exterior unit of the Yale YDR 3110 Smart Door Lock. It features a numeric keypad for PIN code entry and a dedicated area for RFID card access, along with the Yale logo at the top.



Figure 2: Key Components Diagram

This diagram illustrates the various components of the Yale YDR 3110 lock system. It highlights the smart keypad, emergency battery terminal, RFID card reader, 4AA battery compartment, automatic and manual lock mechanisms, optional Bluetooth device slot, double safety lock, force lock, and deadbolt.



Figure 3: Interior and Exterior Units
This image shows both the interior and exterior units of the Yale YDR 3110. The exterior unit (right) features the keypad and card reader, while the interior unit (left) contains the battery cover and the manual thumb-turn for locking and unlocking from inside.

Setup and Installation

The Yale YDR 3110 Smart Door Lock is designed for doors with a thickness ranging from 35 mm to 55 mm. Professional installation is recommended to ensure proper functionality and security.

Package Contents:

- 1 x Front Body (Exterior Unit)
- 1 x Back Body (Interior Unit)
- 2 x Keys (for emergency override)
- Installation Template and Screws (not explicitly listed but implied for installation)
- RFID Cards (quantity not specified, but included for access)

Installation Steps (General Overview):

1. **Prepare the Door:** Ensure the door thickness is within the specified range (35-55 mm). Use the provided template to mark and drill necessary holes for the lock body and deadbolt.
2. **Install the Deadbolt:** Insert the deadbolt into the door edge and secure it with screws.
3. **Mount Exterior Unit:** Route the cable from the exterior unit through the door and align the unit with the drilled holes.
4. **Mount Interior Unit:** Connect the cable from the exterior unit to the interior unit. Secure the interior unit to the door using the provided screws, ensuring it is flush and stable.
5. **Insert Batteries:** Open the battery cover on the interior unit and insert four (4) AA batteries, observing polarity.
6. **Test Functionality:** After installation, test the lock's operation using the default PIN code and any included RFID cards. Verify both automatic and manual locking functions.

For detailed installation instructions, please refer to the separate installation guide included with your product or contact customer support.

Operating Instructions

Access Methods:

- **PIN Code:**
  - To unlock: Touch the keypad to activate, enter your registered PIN code, and press the '*' or '#' key (refer to specific model instructions for exact key).
  - The smart invisible touchpad features a scrambling code option to prevent code exposure.
- **RFID Card:**
  - To unlock: Present your registered RFID card to the card reader area on the exterior unit. The lock will unlock automatically.
- **Bluetooth (Optional Accessory):**
  - If equipped with the optional Bluetooth module, the lock can be controlled via a compatible mobile application. Follow the app's instructions for pairing and operation.
- **Emergency Key:**
  - In case of battery failure or electronic malfunction, the lock can be opened using the provided mechanical emergency keys.

Locking Functions:

- **Automatic Locking:** The YDR 3110 automatically locks the door after it is properly closed. This feature ensures your door is always secured.
- **Manual Locking:** A manual locking option is also available on the interior unit for situations where automatic locking is not desired or for double security.

Operation Status Notification:

The keypad provides different patterns of numbers or sounds to indicate various operation notifications after each action, such as successful locking/unlocking, error, or low battery.

Maintenance

- **Battery Replacement:**

- The lock will provide a low battery alarm (visual and/or audible) when the batteries are running low.
- Replace all four (4) AA batteries simultaneously. Do not mix old and new batteries or different battery types.
- To replace, open the battery cover on the interior unit, remove old batteries, and insert new ones, ensuring correct polarity.

- **Emergency Power Supply:**
  - If the batteries are completely discharged, you can supply emergency power using a standard 9V battery. Touch the 9V battery to the emergency power terminal located on the exterior unit (refer to Figure 2). While holding the 9V battery, enter your PIN code or use an RFID card to unlock.
- **Cleaning:**
  - Clean the lock's surface with a soft, dry cloth. Avoid using abrasive cleaners, solvents, or chemical sprays, as these can damage the finish or internal components.
- **Regular Checks:**
  - Periodically check that all screws are tight and the lock operates smoothly.
  - Ensure the door frame and strike plate are aligned correctly for the deadbolt to engage without obstruction.

Troubleshooting

Problem	Possible Cause	Solution
Lock does not respond or operate.	Dead batteries.	Replace all four (4) AA batteries. Use a 9V battery for emergency power if needed.
PIN code not recognized.	Incorrect PIN entered; PIN not registered; keypad malfunction.	Re-enter PIN carefully. Ensure the PIN is correctly registered. Contact customer support if issue persists.
RFID card not recognized.	Card not registered; card damaged; improper scanning.	Ensure the card is registered. Try scanning again. If damaged, replace the card.
Automatic locking not working.	Door not fully closed; sensor obstruction; setting disabled.	Ensure the door is fully closed and aligned. Check for obstructions. Verify automatic locking setting.
Alarm sounds unexpectedly.	Tampering attempt; forced entry; fire alarm (80dB).	Investigate the cause. The alarm is designed to deter unauthorized access or indicate fire.

Specifications

Feature	Detail
Model Number	YDR3110
Brand	Yale
Lock Type	Deadbolt, Keypad
Access Methods	PIN Code, RFID Card, Bluetooth (optional accessory), Mechanical Key
Material	Zinc Die-Casting and Fiber Glass

Feature	Detail
Color	Silver/Black
Dimensions (L x W x H)	7 x 9 x 16.5 Centimeters
Weight	1.3 Kilograms
Door Thickness Compatibility	35 mm to 55 mm
Power Source	4 x AA Batteries
Emergency Power	9V Battery Terminal
Alarm	80dB (Break/Damage/Fire)
Included Components	1-Piece Front Body, 1-Piece Back Body, 2-Pieces Keys

Warranty and Support

Warranty Information:

The Yale YDR 3110 Smart Door Lock comes with a **1 Year Warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use. Please retain your purchase receipt as proof of warranty.

Customer Support:

For any technical assistance, installation queries, or warranty claims, please contact Yale customer care.
Customer Care Number: 1800 103 5606
Installation services are available on a chargeable basis. Please call the customer care number to arrange for professional installation.

© 2024 Yale. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B00WX26VEM

More documents and user manuals: **https://manuals.plus/**