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YUHANUS YH-G1501-OP22-280-RT

YUHANUS 600lb Electric Magnetic Lock Kit User Manual

Model: YH-G1501-OP22-280-RT

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your YUHANUS 600lb Electric Magnetic Lock Kit. This system is designed to provide secure and convenient access control for various door types, featuring multiple entry methods including RFID cards, PIN codes, and remote control. Please read this manual thoroughly before installation and use to ensure proper functionality and safety.

PRODUCT COMPONENTS

The YUHANUS 600lb Electric Magnetic Lock Kit includes the following main components:

- **Access Control Keypad:** For PIN and RFID card entry.
- **600lb Electromagnetic Lock:** Provides strong locking force.
- **Power Supply Control Box:** Manages power distribution and system logic.
- **Press to Exit Button:** For convenient egress from the secured area.
- **Doorbell Chime:** Alerts occupants to visitors.
- **Remote Controls:** For wireless door unlocking.
- **RFID Cards:** For card-based access.
- **Mounting Brackets (Z and L):** For various installation types.



Image: Overview of the YUHANUS 600lb Electric Magnetic Lock Kit components, including the keypad, magnetic lock, power supply, exit button, doorbell, and remote controls.

SETUP

1. Wiring Diagram

Carefully follow the wiring diagram to connect all components. Ensure all connections are secure and correctly polarized to prevent damage to the system.

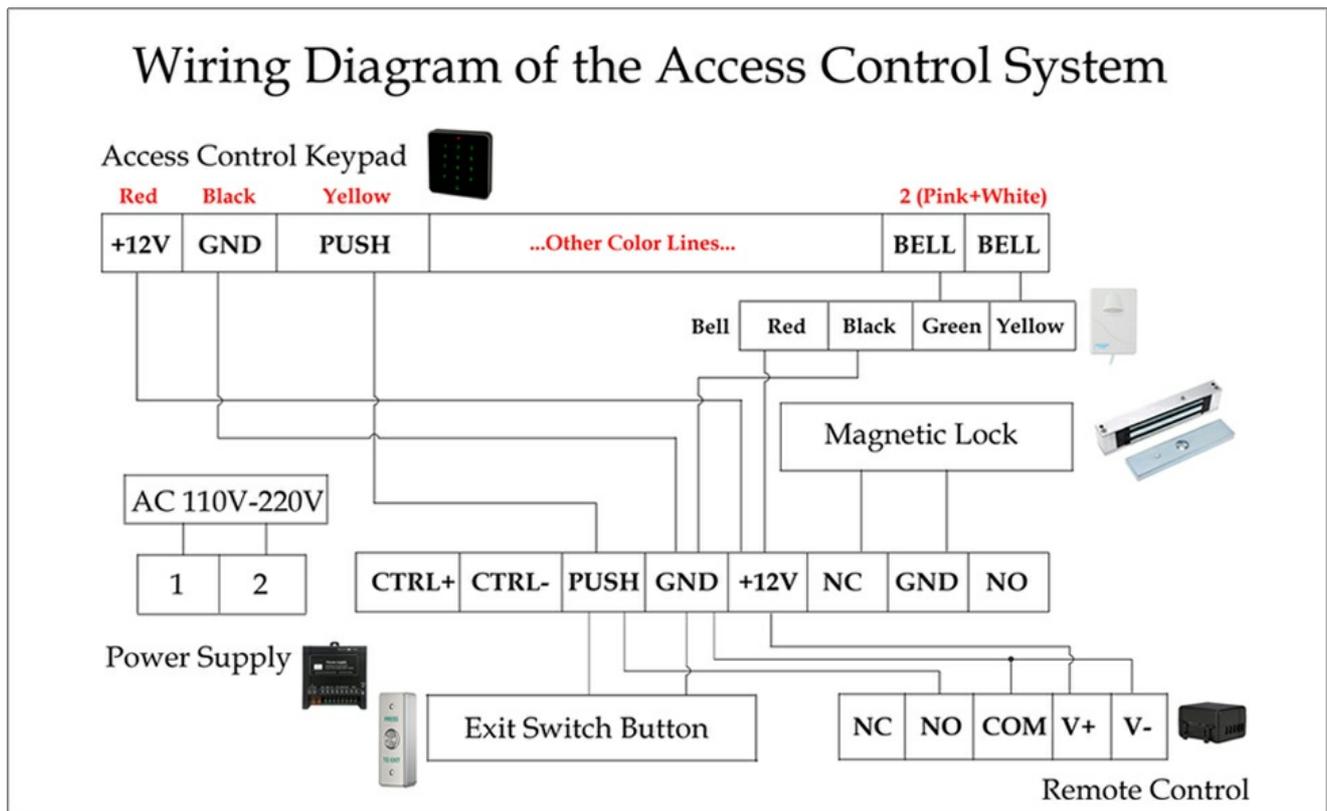


Image: Detailed wiring diagram illustrating connections between the access control keypad, power supply, magnetic lock, exit button, doorbell, and remote control receiver.

2. Component Installation

Install each component in its designated location. The access control keypad is typically mounted on the exterior side of the door, while the magnetic lock is installed on the door frame and door. The power supply control box should be placed in a secure, dry location. The exit button and doorbell chime are for interior use.

- **Access Control Keypad:** Mount the keypad at a convenient height near the door.
- **Electromagnetic Lock:** Install the magnetic lock on the door frame and the armature plate on the door using the appropriate Z and L brackets for your door type. Ensure proper alignment for secure locking.
- **Power Supply Control Box:** Connect the AC power input (110V-240V) to the power supply. Connect the output to the access control system components as per the wiring diagram.
- **Press to Exit Button:** Mount the exit button on the interior side of the door.
- **Doorbell Chime:** Connect the doorbell chime to the keypad as indicated in the wiring diagram.



Image: Close-up of the NFC Keypad, showing the numeric keys and doorbell icon.



Image: The 600lb waterproof electromagnetic lock and its armature plate.



Image: Z and L brackets used for mounting the magnetic lock on different door types.



Image: The doorbell chime unit.



Image: The 'Press to Exit' button for interior door release.



Image: A remote control for wireless door access.

OPERATING INSTRUCTIONS

1. Initial Setup and Master Code

The default master code for the access control keypad is typically 9999. This code is used to enter programming mode to set new PINs, add cards, and configure system settings. It is highly recommended to change the default master code immediately after installation.

2. Setting a New PIN Code

To set a new PIN code:

1. Press ***9999#** (default master code).
2. Press **5** to enter the new PIN setting mode.
3. Enter your **New PIN** (e.g., 1234).
4. Press **#**.
5. Re-enter your **New PIN**.
6. Press **#** to confirm.

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Video: Demonstration of setting a new PIN code on the access control keypad.

3. Opening the Door by PIN

To open the door using a PIN code:

1. Enter your **PIN code** on the keypad.
2. Press **#**. The lock will disengage for a set period.

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Video: Demonstration of opening the door using a PIN code on the access control keypad.

4. Adding New RFID Cards

To add new RFID cards to the system:

1. Press ***9999#** (master code).
2. Press **1** to enter card adding mode.
3. Swipe each new RFID card over the keypad. The keypad will beep to confirm each card is added.
4. Press **#** to exit card adding mode.

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Video: Demonstration of adding new RFID cards to the access control system.

5. Opening the Door by RFID Card

To open the door using an RFID card:

1. Swipe a registered RFID card over the keypad. The lock will disengage.

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Video: Demonstration of opening the door using an RFID card.

6. Using the Remote Control

The remote control provides wireless access to unlock the door. Press the unlock button on the remote to disengage the magnetic lock.

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Video: Demonstration of using the remote control to unlock the door.

7. Doorbell Function

Visitors can press the doorbell icon on the access control keypad. This will activate the indoor doorbell chime,

alerting occupants.

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Video: Demonstration of the doorbell function and indoor door release.

MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your access control system:

- **Cleaning:** Wipe the keypad and magnetic lock surfaces with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Connection Check:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion.
- **Magnetic Lock Alignment:** Ensure the magnetic lock and armature plate remain properly aligned. Misalignment can reduce holding force.
- **Firmware Updates:** Check the manufacturer's website for any available firmware updates for the keypad or power supply.

TROUBLESHOOTING

If you encounter issues with your YUHANUS Electric Magnetic Lock Kit, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Lock does not engage/disengage.	Incorrect wiring, power supply issue, magnetic lock misalignment, faulty component.	Verify all wiring connections against the diagram. Check power supply output. Ensure magnetic lock and armature plate are aligned. Test components individually if possible.
Keypad is unresponsive.	No power, loose connection, keypad malfunction.	Check power to the keypad. Ensure keypad wiring is secure. If issues persist, the keypad may need replacement.
RFID cards not working.	Cards not programmed, incorrect card type, faulty keypad reader.	Ensure cards are properly programmed following the 'Adding New RFID Cards' section. Verify card compatibility.
Remote control not working.	Remote battery dead, remote not paired, receiver issue.	Replace remote battery. Ensure remote is paired with the system receiver. Check receiver wiring.
Doorbell chime not sounding.	Incorrect wiring, chime malfunction.	Check doorbell chime wiring connections. Ensure the chime unit is receiving power.

SPECIFICATIONS

- **Brand:** YUHANUS
- **Model Number:** YH-G1501-OP22-280-RT
- **Lock Type:** Electromagnetic Lock
- **Holding Force:** 600lb
- **Access Methods:** PIN, RFID Card, Remote Control
- **Keypad:** Waterproof RFID Keypad

- **Power Source:** Battery Powered (for some components, main power supply is AC 110-240V to DC 12V)
- **Voltage:** 12 Volts (DC)
- **Control Method:** Remote, Touch
- **Item Dimensions (L x W x H):** 12 x 7 x 3 inches
- **Item Weight:** 6.32 pounds
- **UPC:** 769894491157

WARRANTY INFORMATION

This YUHANUS product is covered by a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for warranty claims. For specific warranty terms and duration, refer to the product packaging or contact YUHANUS customer support.

SUPPORT

For technical assistance, troubleshooting, or further inquiries, please contact YUHANUS customer support:

- **Email:** support@yuhanus.com (example)
- **Phone:** 1-800-XXX-XXXX (example)
- **Website:** www.yuhanus.com (example)

Please have your model number (YH-G1501-OP22-280-RT) and purchase date available when contacting support.