

YUHANUS 767637528832

YUHANUS 600lbs Inswinging Magnetic Door Access Control System User Manual

Model: 767637528832

1. PRODUCT OVERVIEW

The YUHANUS 600lbs Inswinging Magnetic Door Access Control System provides a secure and convenient solution for managing door access. This kit is designed for inswinging doors and includes all necessary components for installation and operation, featuring a powerful magnetic lock, a robust power supply controller, a stainless steel exit button, and remote control functionality.

2. SAFETY INFORMATION

- **Electrical Safety:** Ensure all power connections are made by a qualified professional. Disconnect power before performing any installation or maintenance.
- **Proper Installation:** Incorrect installation can compromise security and product functionality. Follow all instructions carefully.
- **Ventilation:** Ensure the power supply unit is installed in a well-ventilated area to prevent overheating.
- **Magnetic Field:** Keep magnetic-sensitive devices away from the magnetic lock to avoid interference.

3. WHAT'S INCLUDED

The YUHANUS 600lbs Inswinging Magnetic Door Access Control System includes the following components:

- 600lbs Magnetic Lock
- Door Power Supply Controller
- Stainless Steel Exit Button
- Remote Controller (Fob)
- Remote Control Receiver Module
- ZL Bracket for Inswinging Doors
- Power Plug Connector



Figure 3.1: Overview of the Access Control System Components

4. COMPONENTS DETAILS

4.1. 600lbs Magnetic Lock

This electromagnetic lock provides 600 pounds of holding force, ensuring secure door closure. It features a built-in alarm beeper that activates if the door is not securely locked after a set delay.



Figure 4.1: Magnetic Lock with Dimensions

4.2. Door Power Supply Controller

The power supply unit converts AC 110V-240V to DC 12V (4A) and manages the lock's operation, including timing for the alarm and connections for other components. It is designed for hardwired electrical connection.



CTRL+	CTRL-	PUSH	GND	+12V	NC	GND	NO
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Figure 4.2: Power Supply Controller

4.3. Stainless Steel Exit Button

A durable push-to-exit button for convenient egress from the secured area. It is constructed from high-quality stainless steel for longevity.



Figure 4.3: Exit Button

4.4. Remote Controller and Receiver

The system includes a remote control fob and a receiver module, allowing for wireless unlocking of the door from up to 165 feet away.

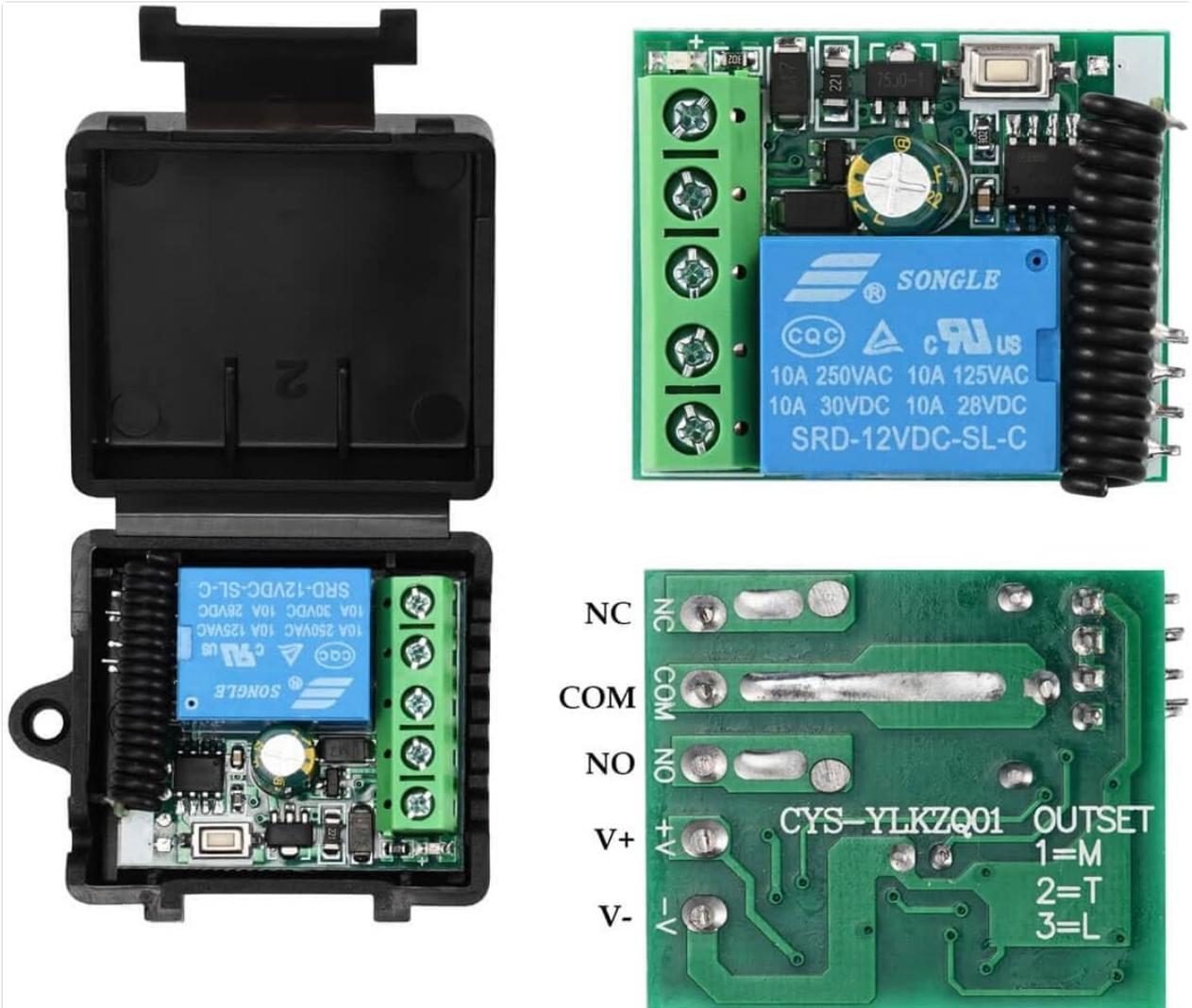


Figure 4.4: Remote Control Fob and Receiver Module

4.5. ZL Bracket

Specifically designed for inswinging doors, the ZL bracket ensures proper alignment and secure mounting of the magnetic lock and armature plate.



Figure 4.5: Magnetic Lock with ZL Bracket

5. SETUP AND INSTALLATION

5.1. Wiring Diagram

Refer to the following diagram for correct wiring of all components to the power supply controller.

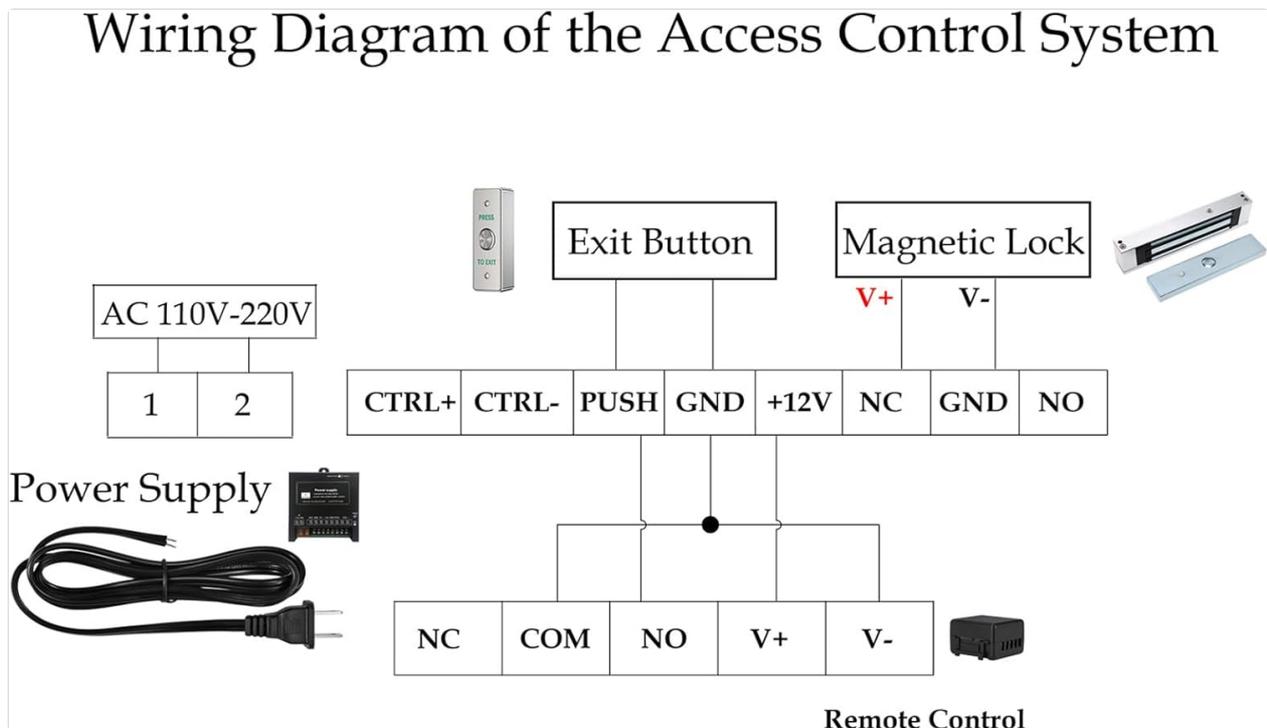


Figure 5.1: System Wiring Diagram

5.2. Installation Steps

- 1. Mount the ZL Bracket:** Securely attach the ZL bracket to the door frame and the door itself, ensuring proper alignment for the magnetic lock and armature plate.
- 2. Install the Magnetic Lock:** Mount the magnetic lock onto the ZL bracket on the door frame.

3. **Install the Armature Plate:** Attach the armature plate to the door, aligning it precisely with the magnetic lock. Use the provided template for drilling holes if available.
4. **Mount the Exit Button:** Install the stainless steel exit button at a convenient location inside the secured area.
5. **Mount the Power Supply Controller:** Secure the power supply controller in a suitable, well-ventilated location.
6. **Wire the Components:** Follow the wiring diagram (Figure 5.1) to connect the magnetic lock, exit button, and remote control receiver to the power supply controller. Pay close attention to polarity and terminal labels (N.O., N.C., GND, +12V, PUSH, CTRL+, CTRL-).
7. **Connect Power:** Connect the power supply controller to a 110V-240V AC power source using the provided power plug connector.
8. **Test the System:** After all connections are made, apply power and test the functionality of the magnetic lock, exit button, and remote control.

6. OPERATING INSTRUCTIONS

6.1. Unlocking with Remote Control

Press the unlock button on the remote control fob. The magnetic lock will disengage, allowing the door to be opened. The remote control has a maximum range of 165 feet.

6.2. Exiting with Push Button

From inside the secured area, press the stainless steel exit button. This will momentarily disengage the magnetic lock, allowing you to open the door.

6.3. Alarm Beeper Function

The magnetic lock features a built-in alarm beeper. If the door is not securely closed and the magnetic lock is not fully engaged after a set delay (configurable via the power supply controller), the alarm will sound to indicate an insecure state.

7. MAINTENANCE

- **Cleaning:** Periodically clean the magnetic lock and armature plate surfaces to ensure optimal contact and holding force. Use a soft, dry cloth.
- **Connection Check:** Regularly inspect all wiring connections for tightness and signs of wear or corrosion.
- **Functionality Test:** Periodically test the magnetic lock, exit button, and remote control functionality to ensure they are operating correctly.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Magnetic lock does not engage.	No power to the lock; incorrect wiring; armature plate misalignment; faulty lock.	Check power supply and connections. Verify wiring against diagram. Adjust armature plate. Test lock with direct power.

Problem	Possible Cause	Solution
Remote control does not work.	Remote battery dead; receiver not powered; receiver faulty; remote out of range.	Replace remote battery. Check power to receiver. Ensure within 165ft range.
Exit button does not work.	Incorrect wiring; faulty button.	Verify wiring to the power supply. Test button continuity.
Alarm beeper sounds continuously.	Door not fully closed; armature plate not making full contact; delay setting too short.	Ensure door is fully closed. Check alignment of lock and plate. Adjust delay setting on power supply.

9. SPECIFICATIONS

- **Brand:** YUHANUS
- **Model Number:** 767637528832
- **Lock Type:** Electromagnetic Lock (600lbs holding force)
- **Door Type:** Inswinging
- **Power Source:** Hardwired Electrical Connection with Battery Backup (Battery not included)
- **Input Voltage:** AC 110V-240V
- **Output Voltage:** DC 12V (4A)
- **Connectivity Technology:** Wired (for main components), Wireless (for remote control)
- **Control Method:** Remote, Push Button
- **Maximum Remote Range:** 165 Feet
- **Alert Type:** Entry (Alarm Beeper)
- **Item Weight:** Approximately 7.09 pounds (3.22 Kilograms)
- **Package Dimensions:** 11.85 x 9.76 x 3.27 inches

10. WARRANTY AND SUPPORT

This product is covered by the standard manufacturer's warranty. For specific warranty details, please refer to the documentation provided with your purchase or contact YUHANUS customer support.

For technical assistance, troubleshooting, or replacement parts, please contact YUHANUS customer service through the retailer where the product was purchased or visit the official YUHANUS website for support contact information.