

OBO HANDS 7612-XXS4

OBO HANDS 7612-XXS4 Metal Access Control Keypad System User Manual

Model: 7612-XXS4

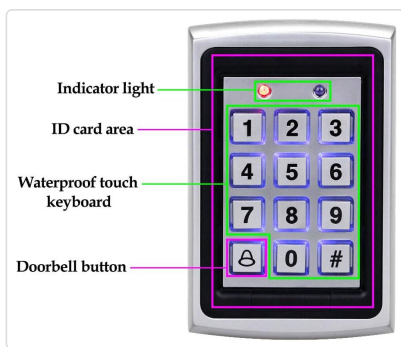
1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the OBO HANDS 7612-XXS4 Metal Access Control Keypad System. This system is designed for secure door access management in various environments such as offices, schools, homes, hotels, and shopping malls. It supports multiple access methods including RFID cards, PIN codes, and a combination of both.

2. PRODUCT COMPONENTS

The OBO HANDS 7612-XXS4 Access Control System package typically includes the following components:

- 1 x Access Control Keypad (Model 7612)
- 1 x Electric Bolt Lock
- 1 x Power Supply Unit (12V/3A)
- 1 x Remote Control
- 1 x Door Exit Button
- 5 x RFID ID Keyfobs
- 5 x RFID ID Cards
- 1 x User Manual



Access Control Keypad: Features a waterproof touch keyboard, indicator lights, ID card area, and a doorbell button.



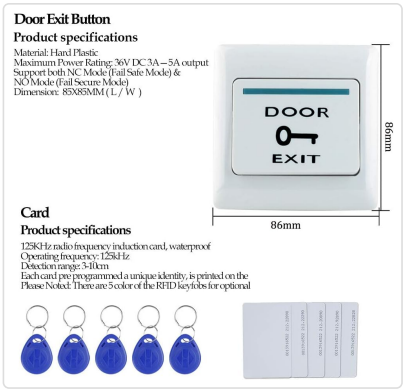
Electric Bolt Lock: A fail-safe electric lock, typically locked when powered on and unlocked when powered off (NC mode).



Power Supply Unit: Converts AC110-260V input to DC12V 3A output for the system.



Remote Control: Used for remote door unlocking, with a range of up to 50 meters.



Door Exit Button and RFID

Keyfobs/Cards: The exit button allows for easy egress. RFID keyfobs and cards provide contactless access.

3. SPECIFICATIONS

Feature	Specification
Brand	OBO HANDS
Model Number	7612-XXS4
Operating Temperature	-20 ~ 60 °C
Access Control Model	7612
Lock Model	Electric Bolt Lock (NC Mode / Fail-Safe)
Reading Range	1-15 cm
Power Supply Input	AC110-260V 50-60Hz
Power Supply Output	DC12V 3A
Frequency	125 kHz
User Capacity	1000 users
Connectivity Technology	Wired
Control Method	Keypad, RFID Card, Remote Control
Item Weight	1.71 Kilograms
Dimensions (L x W x H)	20 x 20 x 20 centimeters (approximate for main components)

4. SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance and security of your access control system. It is recommended that installation be performed by a qualified technician, especially for electrical wiring. Ensure all power is disconnected before beginning installation.

4.1 System Overview

The system integrates the access controller, electric lock, power supply, and exit button to manage door access. RFID key

cards are used for user identification.

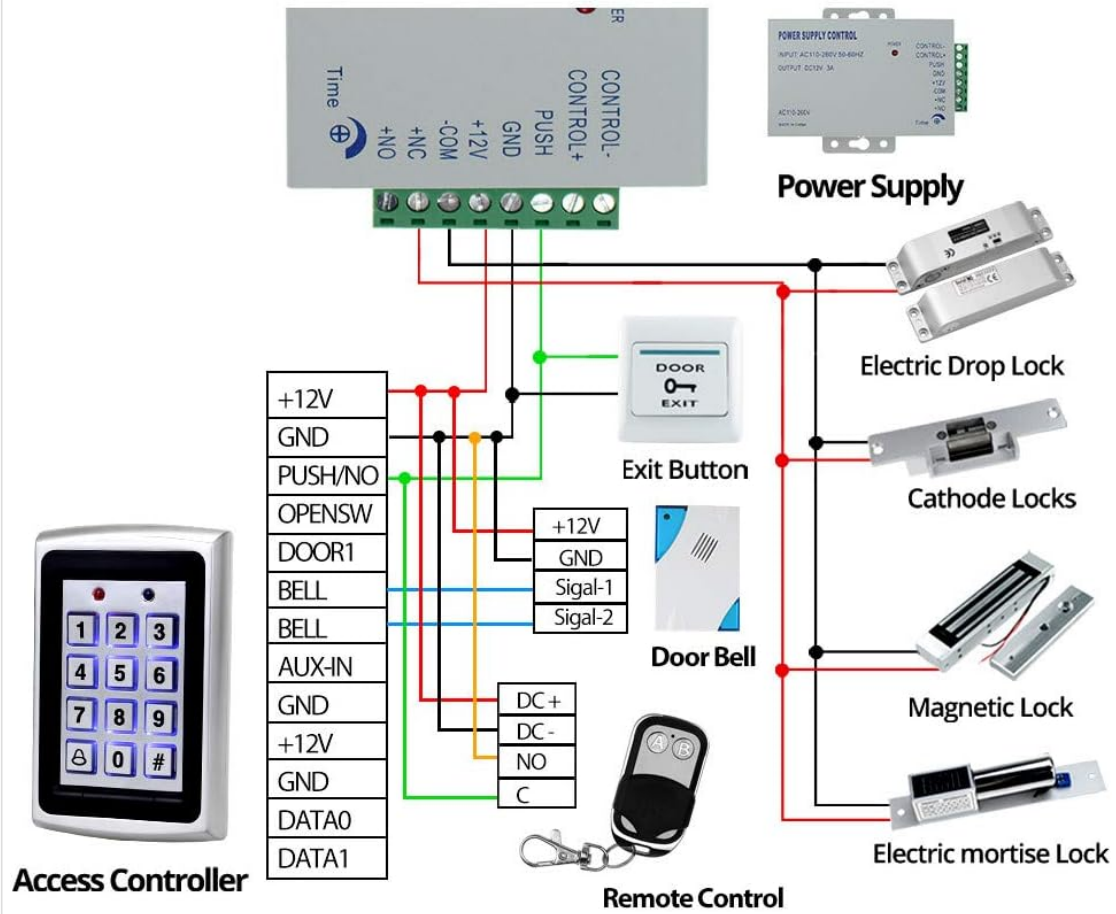


System Overview: Illustrates the placement of the Access Controller, Electric Drop Lock, Exit Button, RFID Key Card, and Power Supply in a typical setup.

4.2 Wiring Diagram

Follow the wiring diagram carefully to connect all components. Incorrect wiring can damage the system or pose a safety hazard.

Wiring Diagram



Wiring Diagram: Shows connections between the Access Controller, Power Supply, Electric Drop Lock, Exit Button, Door Bell, and Remote Control. Note the various lock types supported (Electric Drop Lock, Cathode Locks, Magnetic Lock, Electric Mortise Lock).

4.3 General Installation Steps

- Mounting:** Securely mount the Access Control Keypad, Electric Bolt Lock, Power Supply, and Exit Button in their designated locations. Ensure the keypad is accessible and the lock is properly aligned with the door frame.
- Wiring:** Connect all components according to the provided wiring diagram. Pay close attention to positive/negative terminals and specific control inputs/outputs (e.g., WG26).
- Power Connection:** Connect the power supply to a suitable AC power source (AC110-260V).
- Initial Power-Up:** Once all connections are verified, apply power to the system. Observe indicator lights on the keypad and power supply for proper function.
- Testing:** Test all access methods (card, PIN, remote, exit button) to ensure the lock operates correctly.

5. OPERATING INSTRUCTIONS

The OBO HANDS 7612-XXS4 system offers flexible access control options.

5.1 Access Methods

- RFID Card:** Present a programmed RFID card or keyfob to the ID card area on the keypad. The door will unlock if the card is valid.
- PIN Code:** Enter a programmed PIN code on the waterproof touch keyboard. The door will unlock if the PIN is valid.
- Card + PIN:** For enhanced security, the system supports a combination of RFID card and PIN code. Present the card, then enter the PIN.

- **Remote Control:** Press the designated button on the remote control to unlock the door remotely. The remote has an operating range of up to 50 meters.
- **Exit Button:** Press the door exit button from inside to unlock the door for egress.

5.2 User Management

The system supports up to 1000 users. Refer to the detailed programming guide (usually included with the product or available from the manufacturer) for instructions on adding, deleting, and modifying user cards and PINs.

6. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your access control system.

- **Cleaning:** Periodically clean the keypad surface with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Connection Check:** Annually inspect all wiring connections for tightness and signs of wear or corrosion.
- **Lock Mechanism:** Ensure the electric bolt lock operates smoothly. Lubricate moving parts if necessary, using a non-greasy lubricant suitable for electronic locks.
- **Power Supply:** Verify the power supply unit is free from dust and has adequate ventilation.

7. TROUBLESHOOTING

If you encounter issues with your access control system, refer to the following common troubleshooting steps:

- **System Not Powering On:** Check the power supply unit and all power connections. Ensure the AC input is correct and the DC output is providing 12V.
- **Door Not Unlocking:**
 - Verify the RFID card/PIN is correctly programmed and valid.
 - Check the wiring to the electric lock.
 - Ensure the power supply is functioning and providing sufficient current to the lock.
 - For remote control, check battery and range.
- **Keypad Unresponsive:** Check power to the keypad and its connection to the main control unit.
- **RFID Card Not Reading:** Ensure the card is presented correctly to the ID card area. Check for any interference.

For persistent issues, contact customer support.

8. WARRANTY AND SUPPORT

For specific warranty details regarding your OBO HANDS 7612-XXS4 Access Control Keypad System, please refer to the warranty card included with your product or contact the seller directly. OBO HANDS products undergo rigorous quality testing to ensure reliability and durability.

For technical assistance, troubleshooting, or any questions regarding your product, you may contact OBO HANDS customer support:

- **WhatsApp Support:** +86 177 2255 8183
- **Availability:** Monday - Sunday, 24/7

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