

OBO HANDS k7612+10

OBO HANDS 125Khz EM-ID Metal Case RFID Access Control Keypad User Manual

Model: k7612+10 | Brand: OBO HANDS

1. PRODUCT OVERVIEW

The OBO HANDS 125Khz EM-ID Metal Case RFID Access Control Keypad is a robust security device designed for managing access to restricted areas. It supports up to 1000 standard users and offers multiple entry modes including Password Only, ID Card Only, and Password + ID Card. The keypad features a durable metal case, built-in bell button, and alarm functions for enhanced security. It is designed for professional hard-wired installation.

Key Features:

- Durable metal case construction.
- Supports 1000 standard users.
- Multiple entry modes: Password Only, ID Card Only, Password + ID Card.
- Includes lock relay output with secure/normal mode, NO/NC output.
- Built-in bell button for external bell connection.
- Integrated 125KHz ASK modulation proximity card reader.
- Keypad for PIN code entry with sensitive and quick response.
- Auxiliary input & auxiliary output with 8 modes (door ajar, forced door, shunt, door monitor, normal/secure).
- Internal buzzer and 2 status/programming interface LEDs.
- 3 user levels: normal user, secure user, master user.
- Code search feature for easier user code maintenance.
- Built-in case and back tamper.
- Programmable siren time and lock strike release time.

Support 1000 user cards

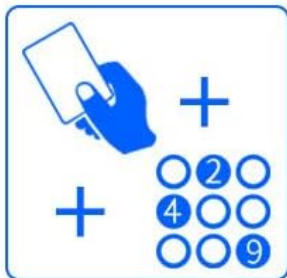
unlock with RFID key card,or password,or RFID card+password



RFID Cards



Password Unlock



RFID Cards+Password Unlock



Image: The access control keypad supports unlocking with RFID key cards, passwords, or a combination of both.

2. PACKAGE CONTENTS

Upon opening the package, please verify that all components are present and undamaged:

- 1 x Metal Access Control Keypad
- 10 x 125Khz EM-ID Keyfobs
- 1 x User Manual



Image: The OBO HANDS access control keypad with included keyfobs.

3. PRODUCT COMPONENTS AND DIMENSIONS

Familiarize yourself with the various parts of the access control keypad and its physical dimensions.

产品解析

Product analysis



Work indicator



Backlight button



Back outlet



Fixed screw

Image: Product analysis highlighting key components like the work indicator, backlight button, back outlet, and fixed screw.



Image: Keypad dimensions (Length: 120mm, Width: 77mm, Thickness: 27mm).



Image: Rear view of the keypad, showing the back outlet and internal components.

This is EM-ID 125KHz RFID Epoxy Tag.

Every package has 1 piece of Epoxy tag only.

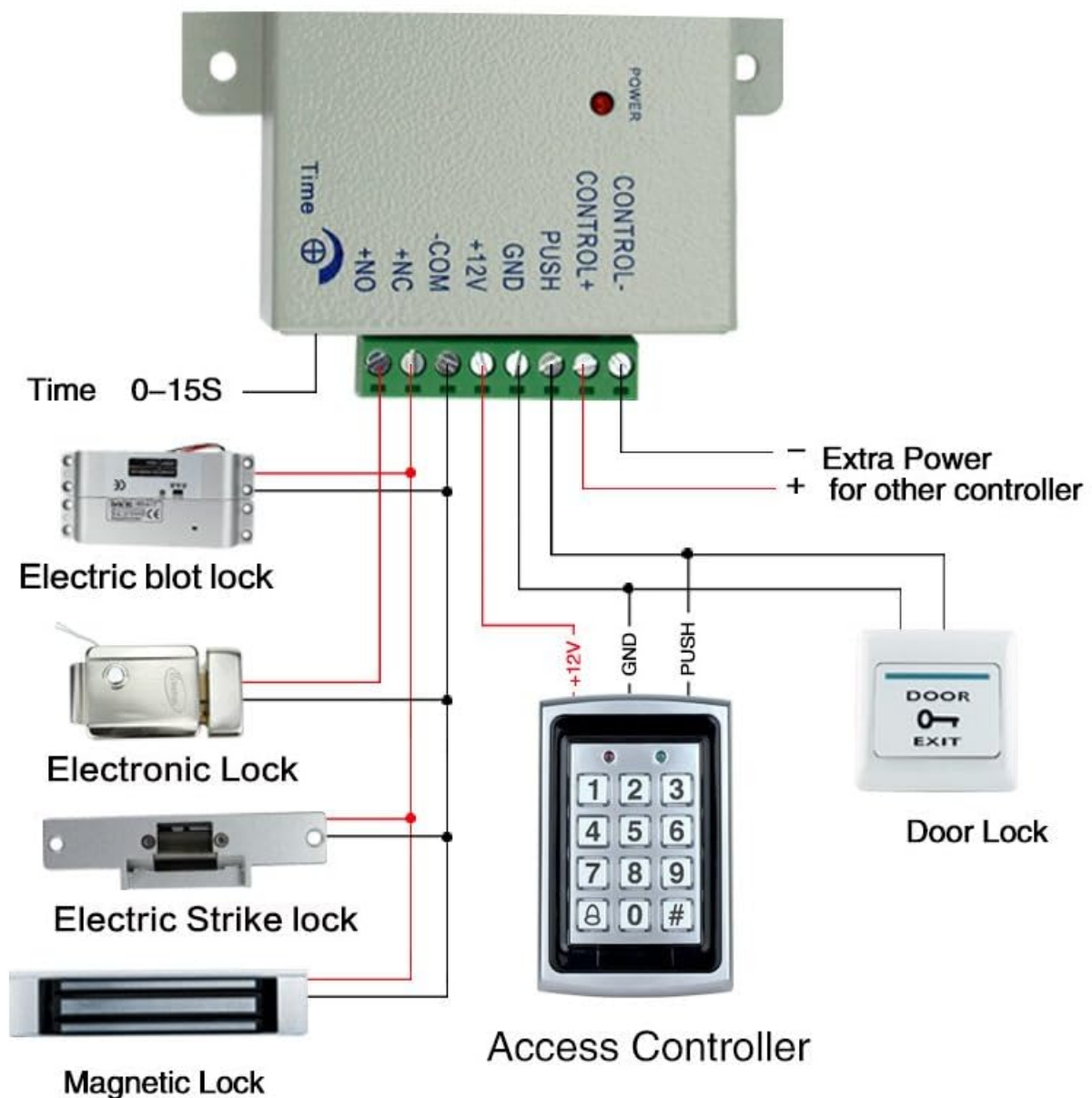


Image: EM-ID 125KHz RFID Epoxy Tag (keyfob).

4. INSTALLATION AND WIRING

The access control keypad requires professional hard-wired installation. Refer to the wiring diagram for proper connection to your electric lock system. Ensure all connections are secure and correctly matched to avoid damage to the device or connected components.

Wiring diagram



Attention when electronically controlled lock must be transferred to 0 seconds delay, to prevent burning of electric lock.

Image: Wiring diagram for connecting the access controller to different types of electric locks (electric bolt lock, electronic lock, electric strike lock, magnetic lock) and an exit button. Note: Electronically controlled locks must be transferred to 0 seconds delay to prevent burning of the electric lock.

Important Wiring Notes:

- **Power Input:** DC 12V.
- **Lock Relay Output:** Connect to your electric lock (NO/NC output).
- **Auxiliary Input/Output:** For advanced functions like door ajar, forced door, etc.
- **External Bell:** Connect to the built-in bell button terminals.
- **Delay Setting:** For electronically controlled locks, ensure the delay is set to 0 seconds to prevent damage.

5. OPERATING INSTRUCTIONS

This section details the programming and daily operation of your OBO HANDS Access Control Keypad.

5.1. Adding User Cards (Keyfobs)

1. Ensure the keypad is in standby mode (red light is always on).
2. Press the * (asterisk) key. The red light will flash, indicating entry into management mode.
3. Enter the default administrator code: **999999**.
4. Press **#** to confirm. A green light will illuminate if the code is correct.
5. Press **1** to enter the add card mode.
6. Swipe each RFID card/keyfob you wish to add to the system. The keypad will beep to confirm each successful addition.
7. After adding all desired cards, press **#** to confirm.
8. Press * to exit programming mode.
9. Test the newly added cards by swiping them over the keypad to unlock.

Your browser does not support the video tag.

Video: Instructions on how to add user cards to the access control keypad.

5.2. Adding User Codes (PINs)

1. Ensure the keypad is in standby mode (red light is always on).
2. Press the * (asterisk) key. The red light will flash, indicating entry into management mode.
3. Enter the default administrator code: **999999**.
4. Press **#** to confirm. A green light will illuminate if the code is correct.
5. Press **1** to enter the add user mode.
6. Enter a user number (e.g., **79**) and press **#** to confirm.
7. Enter a 4-digit user code (e.g., **2468**) and press **#** to confirm.
8. Press * to exit programming mode. Press* again to fully exit.
9. Test the new user code by entering it on the keypad followed by **#** to unlock.

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Video: Instructions on how to add a user code (PIN) to the access control keypad.

5.3. Changing the Public PIN

The public PIN allows general access without assigning individual user numbers. The default public PIN is 1234.

1. Enter programming mode: Press **#**, then the current administrator code (e.g., **881122** or **999999**), then **#**.
2. Press **3** to enter the change public PIN mode.
3. Enter the new 4-digit public PIN (e.g., **4560**) and press **#** to confirm.
4. Press * to exit programming mode.
5. Test the new public PIN.

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Video: Demonstrates how to program the key and password on the keypad, including changing the public PIN.

5.4. Modifying the Program Password (Administrator Code)

It is highly recommended to change the default administrator code for security purposes.

1. Enter programming mode: Press **#**, then the current administrator code (e.g., **881122** or **999999**), then **#**.
2. Press **0** to enter the modify program password mode.

- 3. Enter the new 6-digit program password (e.g.,**123456**) and press **#** to confirm.
- 4. Re-enter the new 6-digit program password (**123456**) and press **#** to confirm.
- 5. Press ***** to exit programming mode.
- 6. Test the new program password.

Note: The video uses '881122' as the admin code, while the product description states '999999'. Please use the correct default admin code for your specific device.

5.5. Restoring Factory Settings

This operation will reset all programmed user cards and codes, and restore the administrator code and public PIN to their default values.

- 1. **Hardware Reset:** Disconnect power from the keypad. Open the keypad casing. Locate the J2 pins on the circuit board. Short the J2 pins with a metal object (e.g., a wire or screwdriver). Reconnect power while J2 is shorted. Remove the short from J2 after a few seconds. The keypad will emit a long beep, indicating a successful factory reset.
- 2. **Software Reset:** Enter programming mode: Press**#**, then the administrator code (e.g.,**881122** or **999999**), then **#**.
- 3. Press **86** and then **#** to initiate the factory reset.
- 4. Press ***** to exit programming mode.
- 5. Verify that all previously programmed cards and codes no longer work, and the default public PIN (1234) and administrator code (999999 or 881122) are active.

Caution: Performing a factory reset will erase all user data. Ensure you have a record of any important settings before proceeding.

6. SPECIFICATIONS

Feature	Detail
Input Voltage	DC 12V
Frequency	125kHz
Compatible Cards	All 26-bit EM cards (Does not support some encrypted cards like HID, Cobra, APCiK)
Operation Temperature	-31°C to 63°C (-23.8°F to 145.4°F)
Net Weight	Approx. 410g (0.9lbs)
Dimensions (L x W x H)	7.87 x 7.87 x 7.87 inches (200 x 200 x 200 mm)
Item Weight	1.19 pounds (0.54 kg)
User Capacity	1000 standard users
Entry Modes	Password Only / ID Card Only / Password + ID Card
Lock Output	Relay output, Secure / Normal Mode, NO / NC output
Control Method	Touch
Installation Type	Professional hard-wired

7. TROUBLESHOOTING

- **Keypad not responding:** Check power supply connections. Ensure the input voltage is DC 12V.
- **Cards not recognized:** Verify that the cards are 125KHz EM-ID compatible and have been correctly added to the system. Ensure the card is swiped close enough to the reader.
- **PIN codes not working:** Confirm the correct PIN is being entered. Check if the PIN has been correctly programmed for the user or as a public PIN. If unsure, try resetting to factory settings and reprogramming.
- **Lock not engaging/disengaging:** Inspect wiring to the electric lock. Ensure the lock relay output (NO/NC) is correctly configured for your lock type. Check the lock's power supply.
- **Keypad beeps continuously:** This may indicate a tamper alarm. Check the tamper switch on the back of the keypad and ensure it is properly installed and not being triggered.
- **Cannot enter programming mode:** Ensure you are pressing * followed by the correct administrator code and#. If the administrator code is forgotten, a hardware factory reset may be necessary.

8. WARRANTY AND SUPPORT

OBO HANDS products are designed for reliability and performance. For warranty information, technical support, or service inquiries, please refer to the contact details provided with your purchase documentation or visit the official OBO HANDS website. Keep your purchase receipt as proof of purchase for warranty claims.

Contact Information:

- For support, please contact your retailer or the manufacturer directly.
- Manufacturer: OBO HANDS
- WhatsApp: +86 177 2255 8183 (Mon-Sun 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

