

OBO HANDS T11+10

OBO HANDS T11+10 RFID 125 kHz Standalone Access Control Keypad User Manual

Model: T11+10

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your OBO HANDS T11+10 RFID 125 kHz Standalone Access Control Keypad. Please read this manual carefully before installation and use to ensure proper functionality and safety. This device is designed to provide secure access control for various applications.

2. PRODUCT OVERVIEW

The OBO HANDS T11+10 is a standalone RFID access control keypad that supports up to 1000 users. It offers multiple access modes and is designed for ease of programming and operation without requiring a computer connection.

Key Features:

- Supports up to 1000 users.
- Full programming directly from the keypad.
- Standalone operation; no computer connection required.
- Multiple access modes: Card, PIN, or Card + PIN.
- Includes 10 contactless RFID keyfobs and 1 epoxy EM-ID tag.

Components:

The package typically includes the access control keypad, 10 RFID keyfobs, and 1 EM-ID epoxy tag. Additional accessories like power supply and electric lock are sold separately.

产品解析

Product analysis



Figure 2.1: Keypad Components. This image highlights the work indicator, card reading area, digital buttons (0-9, *, #), and the doorbell button on the access control keypad.

125KHz radio frequency induction card, waterproof

Operating frequency: 125kHz

Detection range: 3-10cm

Each card pre programmed a unique identity, is printed on the



Figure 2.2: Included RFID Keyfobs. Ten blue RFID keyfobs are shown, each attached to a metal keyring, for user access.

This is EM-ID 125KHz RFID Epoxy Tag.

Every package has 1 piece of Epoxy tag only.



Figure 2.3: Included EM-ID Epoxy Tag. A single blue EM-ID 125KHz RFID Epoxy Tag, featuring a hand icon, is provided for access.

3. SPECIFICATIONS

Feature	Specification
Model Number	T11+10
Operating Voltage	DC 12 Volts
Material	Plastic
Color	Black
Dimensions (L x W x H)	11.9 cm x 7.9 cm x 2.3 cm
Operating Frequency	125 kHz

Feature	Specification
Detection Range	3-10 cm
User Capacity	1000 users

4. SETUP AND INSTALLATION

4.1 Mounting the Keypad

1. Choose a suitable location for the keypad, typically near the door to be controlled.
2. Ensure the mounting surface is flat and stable.
3. Use appropriate screws and anchors to securely mount the keypad to the wall.



Figure 4.1: Keypad Dimensions. This image shows the front view of the keypad with its dimensions: 78mm width, 120mm height, and 22mm depth.

4.2 Wiring Diagram

The keypad requires connection to a 12V DC power supply and an electric lock. Refer to the wiring diagram below for correct connections. Incorrect wiring can damage the device or connected components.



Figure 4.2: Wiring Diagram. This diagram illustrates how to connect the access control keypad to a power supply, various types of electric locks (Electric Drop Lock, Cathode Locks, Magnetic Lock, Electric Mortise Lock), and an exit button.

- **DC12V:** Connect to the positive (+) terminal of a 12V DC power supply.
- **GND:** Connect to the negative (-) terminal of the 12V DC power supply and common ground for other devices.
- **NC (Normally Closed):** Connect to the NC terminal of the electric lock.
- **NO (Normally Open):** Connect to the NO terminal of the electric lock.
- **COM (Common):** Connect to the common terminal of the electric lock.
- **PUSH:** Connect to the exit button.
- **BELL:** Connect to an external doorbell.

4.3 Initial Power-Up

After completing all wiring, connect the power supply. The keypad should power on, and the indicator light will illuminate. The device is now ready for programming.

5. OPERATING INSTRUCTIONS

5.1 Default Master Code

The default master code is typically **123456**. It is highly recommended to change this code immediately after installation for security purposes.

5.2 Programming Mode

To enter programming mode, press* then enter the Master Code (default: 123456) then press#. The indicator light will change, indicating you are in programming mode.

5.3 Changing the Master Code

1. Enter Programming Mode.
2. Press **0**.
3. Enter your new 4-6 digit Master Code.

4. Press # to confirm.
5. Press * to exit Programming Mode.

5.4 Adding User Cards/PINs

The system supports three access modes: Card, PIN, or Card + PIN.

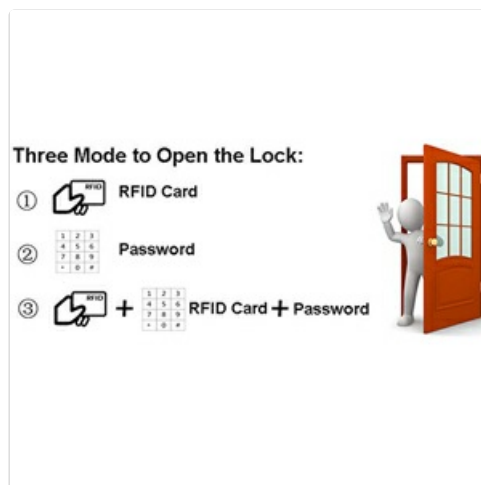


Figure 5.1: Access Modes. This image displays the three available methods for opening the door: using a card, entering a PIN, or combining both a card and a PIN.

5.4.1 Adding a Card (Card Only Access)

1. Enter Programming Mode.
2. Press 1.
3. Present the RFID card to the card reading area. The keypad will beep to confirm.
4. To add more cards, present them one by one.
5. Press * to exit Programming Mode.

5.4.2 Adding a PIN (PIN Only Access)

1. Enter Programming Mode.
2. Press 2.
3. Enter a 4-6 digit PIN.
4. Press # to confirm.
5. To add more PINs, repeat steps 3-4.
6. Press * to exit Programming Mode.

5.4.3 Adding a Card + PIN (Combined Access)

1. Enter Programming Mode.
2. Press 3.
3. Present the RFID card to the card reading area.
4. Enter a 4-6 digit PIN.
5. Press # to confirm.
6. To add more Card + PIN combinations, repeat steps 3-5.
7. Press * to exit Programming Mode.

5.5 Deleting User Cards/PINs

5.5.1 Deleting a Single Card/PIN

1. Enter Programming Mode.
2. Press **4**.
3. Present the RFID card to be deleted OR enter the PIN to be deleted.
4. The keypad will beep to confirm deletion.
5. Press ***** to exit Programming Mode.

5.5.2 Deleting All Users

Caution: This action will delete all registered cards and PINs. The Master Code will remain unchanged.

1. Enter Programming Mode.
2. Press **5**.
3. Confirm deletion by pressing **#**.
4. Press ***** to exit Programming Mode.

5.6 Opening the Door

- **Card Only:** Present a registered RFID card to the card reading area.
- **PIN Only:** Enter your registered PIN, then press **#**.
- **Card + PIN:** Present a registered RFID card, then enter your registered PIN, then press **#**.

The door will unlock for a short period (default 5 seconds) after successful authentication.

6. MAINTENANCE

- **Cleaning:** Wipe the keypad surface with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Connection Check:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion.
- **Environmental Conditions:** Ensure the keypad is not exposed to extreme temperatures, direct sunlight for prolonged periods, or excessive moisture, which can affect its performance and lifespan.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Keypad does not power on.	No power or incorrect wiring.	Check power supply connection and ensure wiring matches the diagram. Verify 12V DC output from power supply.
Door does not unlock after successful authentication.	Incorrect lock wiring or faulty lock.	Verify lock wiring (NC/NO/COM) according to your lock type. Test the electric lock independently if possible.

Problem	Possible Cause	Solution
RFID card is not recognized.	Card not registered or incorrect card type.	Ensure the card is registered in the system. Only 125 kHz EM-ID cards are supported. Try re-registering the card.
PIN is not accepted.	Incorrect PIN or PIN not registered.	Double-check the PIN entry. Ensure the PIN is correctly registered.
Cannot enter programming mode.	Incorrect Master Code.	Ensure you are using the correct Master Code. If forgotten, refer to the device's reset procedure (if available, typically involves a physical reset button or jumper, not detailed in provided data).

8. SUPPORT

For any questions or concerns regarding your OBO HANDS T11+10 RFID Access Control Keypad, please contact our support team:

- **WhatsApp:** +86 177 2255 8183
- **Availability:** Monday - Sunday

Our team is dedicated to providing assistance and ensuring your satisfaction with our products.

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