OBO HANDS 7612+20+fyg

OBO HANDS RFID Metal Keypad Access Control System User Manual

Model: 7612+20+fyg

This manual provides detailed instructions for the setup, operation, and maintenance of your OBO HANDS RFID Metal Keypad Access Control System.

1. Product Overview

The OBO HANDS RFID Metal Keypad is a robust access control system designed for secure entry. It supports multiple entry modes including password, RFID card, or a combination of both. The system is built with durable aluminum material and supports up to 1000 standard users.



Figure 1.1: OBO HANDS RFID Metal Keypad Access Control System with included RFID keychains and rain cover.

1.1 Package Contents

Please verify that all items listed below are included in your package:

- Metal Keypad Unit
- Waterproof Rain Cover
- 10 RFID Keychains (blue)
- RFID Epoxy Card
- User Manual
- Mounting Screws and Wall Plugs
- Wiring Harness

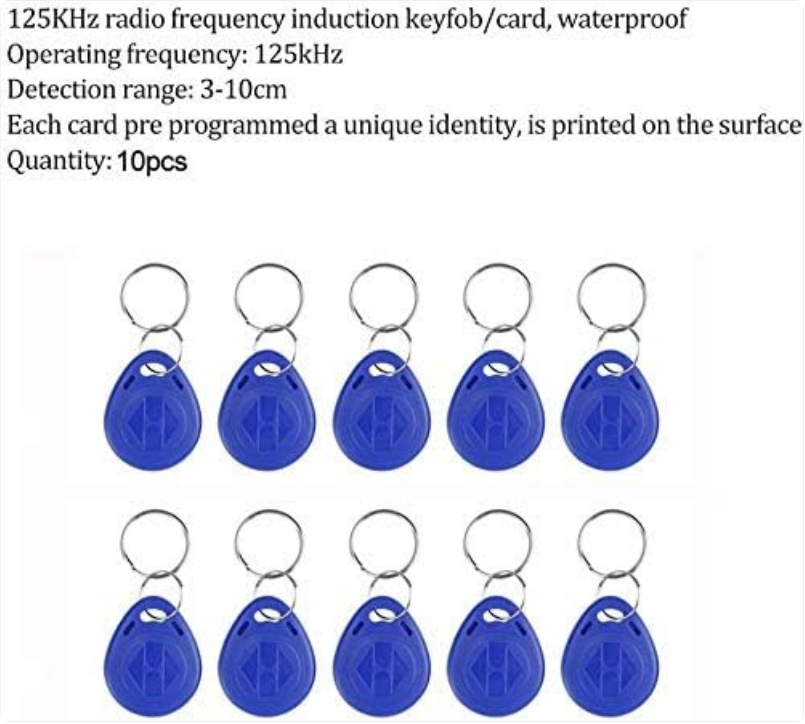


Figure 1.2: Overview of the package contents.

2. Setup and Installation

2.1 Physical Installation

The keypad is constructed from durable aluminum. For outdoor installations, it is highly recommended to use the provided waterproof rain cover to protect the unit from elements and ensure longevity.



Figure 2.1: Keypad components. Note the Indicator Light, Password Keypad, ID Card Area, and Door Bell Button.

Refer to the dimensions below for proper mounting:



Figure 2.2: Keypad dimensions (120mm x 77mm x 27mm).

The rain cover provides additional protection. Its dimensions are:



Figure 2.3: Rain cover dimensions (150mm x 104mm x 80mm).

2.2 Wiring Diagram

The system operates on 12 Volts. Connect the keypad according to the provided wiring diagram for proper functionality with your access control components (e.g., electric lock, power supply).

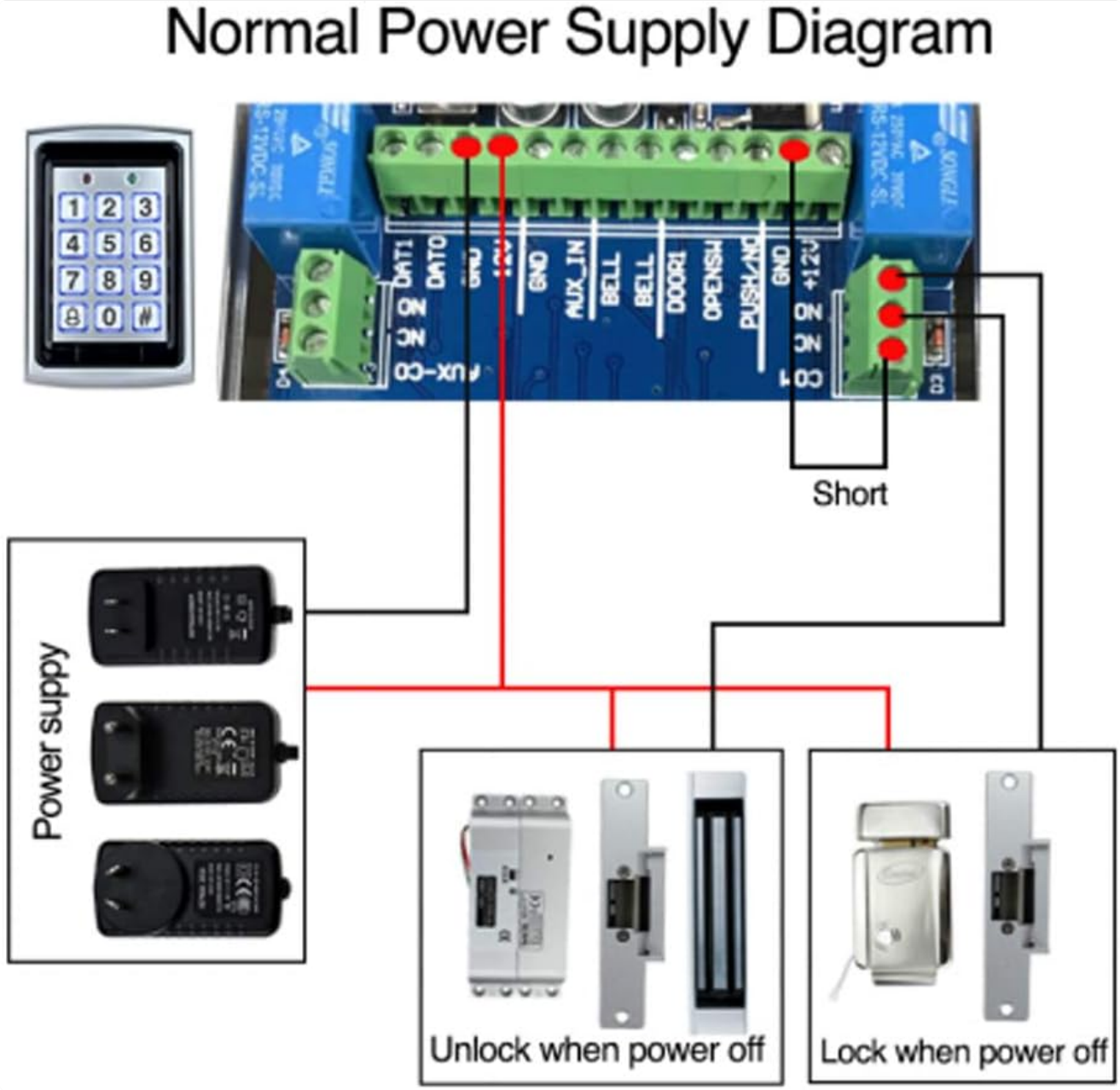


Figure 2.4: Normal Power Supply Diagram for the access control system.

2.3 Initial Programming

Upon initial setup or after a factory reset, the keypad will have default settings. It is crucial to change these for security purposes.

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Video 2.1: This video demonstrates how to program the key and password on the keypad. It covers changing the public PIN, adding new cards, and modifying the program password.

2.3.1 Default Public PIN

The default public PIN is **1234**. This PIN allows entry without an RFID card. It is recommended to change this immediately after installation.

(Refer to Video 2.1, segment 0:00-0:06 for demonstration of default public PIN usage.)

2.3.2 Changing the Public PIN

To change the public PIN, follow the instructions in the video. The new public PIN will replace the default 1234.

(Refer to Video 2.1, segment 0:07-0:20 for demonstration of changing the public PIN.)

2.3.3 Adding User Cards

The system supports up to 1000 user cards. To add new RFID keychains or cards to the system, follow the programming steps. Each card will be assigned a unique identity.



Figure 2.5: RFID Keychains included with the system. They operate at 125KHz with a detection range of 3-10cm.
(Refer to Video 2.1, segment 0:33-0:46 for demonstration of adding user cards.)

2.3.4 Modifying the Program Password

The program password is used to enter programming mode. It is highly recommended to change this from the default to prevent unauthorized access to system settings.
(Refer to Video 2.1, segment 0:53-1:07 for demonstration of modifying the program password.)
After a force reset, the default program password will be restored. The video also demonstrates how to use this default password to add cards.
(Refer to Video 2.1, segment 1:35-1:49 for demonstration of using the default program password after a reset.)

3. Operating Instructions

The OBO HANDS RFID Metal Keypad offers flexible entry options:

- **Password Only:** Enter your programmed password followed by #.
- **ID Card Only:** Swipe a registered RFID card in the ID Card Area.
- **Password + ID Card:** Enter your programmed password, then swipe a registered RFID card.

3.1 Successful Card Swiping

When a registered RFID card is successfully swiped, the indicator light will typically turn green, and you will hear a confirmation beep, indicating successful access.

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Video 3.1: This video demonstrates successful card swiping (segments 0:47-0:52, 1:20-1:23, 1:50-1:55, 1:56-2:09).

3.2 User Card Verification

The system verifies the RFID card against its stored user database. A successful verification will grant access.
(Refer to Video 3.1, segment 1:56-2:09 for demonstration of user card verification.)

4. Maintenance

4.1 Cleaning

To maintain the keypad's appearance and functionality, wipe it regularly with a soft, damp cloth. Avoid using abrasive cleaners or solvents that could damage the metal finish or electronic components.

4.2 Rain Cover

Ensure the waterproof rain cover is properly installed and free from cracks or damage, especially if the unit is exposed to outdoor elements. This cover is crucial for protecting the internal electronics from moisture.

5. Troubleshooting

5.1 Swipe Failed

If a card swipe fails, the indicator light will typically flash red, and an error sound may be heard. This could be due to an unregistered card, improper swiping technique, or a system error.
(Refer to Video 2.1, segment 0:27-0:32 and Video 3.1, segment 2:21-2:30 for demonstrations of failed card swipes.)

5.2 Force Reset Program Password

If you forget your program password or need to reset the system to its default program password, a force reset can

be performed. This involves opening the unit and shorting specific pins on the circuit board.
Caution: Performing a force reset will revert the program password to its factory default. All user data (cards and public PIN) will remain intact.

Your browser does not support the video tag.
Video 5.1: This video demonstrates how to force reset the program password (segment 1:28-1:33).

5.3 Restore Factory Settings

To restore the keypad to its complete factory default settings, including resetting all user cards and passwords, follow the factory reset procedure. This will erase all programmed data.
Warning: Restoring factory settings will erase all programmed user data and passwords. You will need to re-program all cards and PINs after this procedure.

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Video 5.2: This video demonstrates how to restore factory settings (segment 2:10-2:20).

6. Specifications

Feature	Detail
Manufacturer	OBO HANDS
Part Number	7612+20+fyg
Item Weight	1.46 pounds
Product Dimensions	5.51 x 4.13 x 7.87 inches
Item Model Number	7612+20+fyg
Material	Metal
Power Source	Battery Powered (Note: Requires 12V external power supply, not included)
Voltage	12 Volts
Item Package Quantity	1
Special Features	Waterproof Cover
Included Components	Keypad, Rain Cover, 10 RFID Keychains, RFID Epoxy Card, Manual, Wiring Harness, Mounting Screws
User Capacity	1000 Standard Users
Entry Modes	Password Only / ID Card Only / Password + ID Card
RFID Frequency	125KHz

RFID Detection Range	3-10cm

7. Warranty Information

Specific warranty details for this product are not provided in the available information. Please refer to the product packaging or contact the manufacturer, OBO HANDS, directly for warranty terms and conditions.

8. Customer Support

For technical assistance, troubleshooting, or further inquiries regarding your OBO HANDS RFID Metal Keypad, please contact the seller or manufacturer directly. Contact information may be available on the product packaging or the official OBO HANDS website.

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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

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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