

UHPPOTE UT0824-T11S-FBA

UHPPOTE One-Door Access Control Kit

Model: UT0824-T11S-FBA

User Instruction Manual

PRODUCT OVERVIEW

The UHPPOTE One-Door Access Control Kit is a robust security system designed for managing entry and exit points. It combines RFID technology with a keypad for versatile access methods, an electric lock for secure closure, and a power supply unit to ensure reliable operation. This system is ideal for enhancing security in various environments, from residential properties to commercial buildings.

Key Features

- High quality and high security, with excellent sensitivity and fast response.
- Full programming capabilities directly from the keypad, including adding/deleting cards and setting passwords.
- Compatible with external doorbells via a dedicated doorbell button.
- Utilizes a high-performance Microcontroller Unit (MCU) for stable operation and low power consumption for extended lifespan.
- Integrated power relay with 10A switching capacity for reliable electric lock control.

Package Contents

- 1 x One-Door Access Control Unit (Keypad)
- 1 x Electric Strike Lock
- 1 x Power Supply Controller
- 1 x Exit Button
- 1 x Remote Control
- 5 x RFID Keyfobs
- 5 x ID Cards (0.8mm thickness)
- 1 x User Manual

SETUP AND INSTALLATION

Component Identification

Familiarize yourself with the main components of the access control kit:



Figure 1: Overview of all components included in the UHPPOTE Access Control Kit.



Figure 2: The Access Control Keypad, featuring illuminated numeric buttons and an access indicator light.



Figure 3: The Power Supply Controller, showing the output terminals for connecting system components.



Figure 4: The Remote Control unit alongside its corresponding receiver module for wireless access.

Wiring Diagram (General Guidance)

Proper wiring is crucial for the system's functionality and safety. Always ensure power is disconnected before making any connections. Refer to the detailed wiring diagram provided in the physical user manual for precise connections. Below is a general overview of the connections:

1. Connect the Access Control Keypad to the Power Supply Controller. The keypad typically requires connections for power (12V DC), ground (GND), and data lines (e.g., DATA0, DATA1 for Wiegand, or specific control lines).
2. Connect the Electric Strike Lock to the Power Supply Controller. Ensure the lock is connected to the appropriate Normally Open (NO) or Normally Closed (NC) terminals and the Common (COM) terminal, depending on whether it is a Fail-Secure or Fail-Safe lock and your desired operation. This kit includes a Fail-Secure lock (locks when power is off).
3. Connect the Exit Button to the Power Supply Controller. The exit button typically connects to the PUSH and GND terminals, allowing for momentary release of the lock.
4. Connect the Remote Control Receiver to the Power Supply Controller. This usually involves power, ground, and a signal line to trigger the lock release.
5. Connect the Power Supply Controller to a standard AC power outlet (110-240V AC).

Caution: Incorrect wiring can damage the system or pose electrical hazards. If you are unsure, consult a qualified electrician.

Mounting

Mount the Access Control Keypad at a convenient height near the door. The Electric Strike Lock should be installed within the door frame or door itself, aligning with the door's latch. The Power Supply Controller can be mounted in a secure, dry location, preferably near the other components but away from direct access. Ensure all cables are neatly routed and secured to prevent damage or tampering.

OPERATING INSTRUCTIONS

Keypad Operation

The keypad allows for various access methods and programming functions:

- **Entering Programming Mode:** Typically, this involves entering a master code followed by a specific key (e.g., #). Refer to your physical manual for the default master code and exact sequence.
- **Adding User Cards/Keyfobs:** In programming mode, you can add new RFID cards or keyfobs by presenting them to the keypad after initiating the 'add user' command. Each card/keyfob has a unique ID.
- **Adding User Passwords:** In programming mode, you can set unique numeric passwords for users.
- **Deleting Users:** Users (cards or passwords) can be deleted individually by their ID number or by performing a full system reset (use with caution).
- **Accessing the Door:** To open the door, present a registered RFID card/keyfob to the keypad or enter a valid user password followed by the '#' key.

Remote Control Operation

The remote control provides a convenient way to open the door wirelessly:

- **Pairing:** The remote control typically comes pre-paired with its receiver. If re-pairing is needed, follow the instructions in the physical manual, usually involving pressing a learning button on the receiver module.
- **Opening the Door:** Press the designated button on the remote control to momentarily release the electric lock, allowing the door to be opened.

Exit Button Functionality

The exit button provides a simple and quick way to exit the secured area:

- **Exiting:** Press the exit button to momentarily release the electric lock, allowing the door to be opened from the inside.

MAINTENANCE

To ensure the longevity and optimal performance of your access control system, regular maintenance is recommended:

- **Cleaning:** Gently wipe the keypad and other components with a soft, dry cloth. Avoid using abrasive

cleaners or solvents that could damage the surfaces or electronics.

- **Connection Check:** Periodically inspect all wiring connections to ensure they are secure and free from corrosion. Loose connections can lead to intermittent operation.
- **Functionality Test:** Regularly test all access methods (card, password, remote, exit button) to confirm they are working correctly.
- **Environmental Protection:** Ensure components are protected from extreme temperatures, direct sunlight, and moisture, especially if installed outdoors.

TROUBLESHOOTING

If you encounter issues with your access control system, try the following troubleshooting steps:

- **System Not Responding:**
 - Check if the power supply is connected and receiving power.
 - Verify all wiring connections are secure and correct according to the manual's diagram.
 - Ensure the power supply output voltage is stable (12V DC).
- **Door Not Unlocking:**
 - Confirm that the RFID card/keyfob or password is correctly registered and valid.
 - Check the electric lock's wiring to the power supply.
 - Ensure the lock mechanism is not obstructed or jammed.
 - Verify the adjustable lock delay setting on the power supply is appropriate.
- **Keypad Buttons Unresponsive:**
 - Check for physical damage to the keypad.
 - Ensure the keypad is receiving adequate power.
- **Remote Control Not Working:**
 - Check the battery in the remote control.
 - Ensure the remote control receiver is properly wired and powered.
 - Re-pair the remote control with the receiver if necessary.

If these steps do not resolve the issue, please refer to the detailed troubleshooting section in your physical user manual or contact customer support.

SPECIFICATIONS

Component	Specification
Access Control Keypad	
Card Type	EM Card or EM Compatible

Component	Specification
Frequency	125 KHz
Read Speed	<0.1s
Read Range	2-10 mm
Input Voltage	12V DC
Standby Current	<30mA
Power Supply Controller	
Input Voltage	AC 110-240V (Worldwide Voltage)
Input Frequency	50-60 Hz
Output Voltage	DC 12V/3A
Adjustable Lock Delay	0 ~ 15 seconds
Dimensions	4.72 x 3.74 x 1.50 inches
Electric Strike Lock	
Voltage	12V DC
Current	450mA
Holding Force	500 kg
Signal Output	No
Mode	Fail Secure (locks when power is off)
Dimensions	150 x 39.5 x 34 mm (L x W x H)
Keyfobs	
Operating Frequency	125 KHz
Reading Distance	3-10 cm
ID	Each keyfob has a unique ID number

WARRANTY INFORMATION

UHPPOTE products are manufactured to high-quality standards. For specific warranty terms and conditions, including duration and coverage, please refer to the official warranty documentation included with your product

or visit the UHPPOTE official website. Warranty periods may vary by region and product type.

Note: Some user reviews have indicated a warranty period of 30 days. Please verify the exact warranty details with the manufacturer or seller at the time of purchase.

SUPPORT

For technical assistance, product inquiries, or warranty claims, please contact UHPPOTE customer support. You can typically find contact information on the manufacturer's website or in the documentation provided with your product.

When contacting support, please have your product model number (UT0824-T11S-FBA) and purchase details readily available to facilitate a quicker resolution.