Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

UHPPOTE UT-WIFI-500KG-BKT

UHPPOTE 2.4GHz WiFi Inswinging Indoor 1200lbs Electromagnetic Door Lock Kit

Model: UT-WIFI-500KG-BKT

Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your UHPPOTE 2.4GHz WiFi Inswinging Indoor 1200lbs Electromagnetic Door Lock Kit. This system offers convenient and secure access control for inswinging indoor doors, featuring remote and smartphone app control capabilities. Please read this manual thoroughly before installation and use to ensure proper function and safety.

Safety Information

- Ensure all power is disconnected before performing any installation or wiring.
- This product is designed for **indoor, inswinging door** applications only. Do not use for outdoor or outswinging doors.
- Verify that your Wi-Fi network is 2.4GHz. This device is not compatible with 5GHz Wi-Fi networks.
- All wiring should be performed by a qualified individual if you are unsure.
- Keep the remote controls and access credentials secure to prevent unauthorized access.
- Do not expose the components to excessive moisture or extreme temperatures.

Package Contents

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

- Electromagnetic Lock (1200lbs holding force)
- Remote Control Receiver/Controller (WiFi & RF433MHz)
- Wireless RF Remote Transmitters (2 included)
- Exit Button
- Power Adapter (240 Volts)
- Mounting Brackets and Hardware



Image: Complete kit contents including the electromagnetic lock, controller, remote controls, exit button, and power adapter.

Specifications

Feature	Specification
Brand	UHPPOTE
Model Number	UT-WIFI-500KG-BKT
Holding Force	1200 lbs (approximately 500KG)
Power Source	Corded Electric
Voltage	240 Volts
Connectivity Technology	Wireless (2.4GHz Wi-Fi, RF433MHz)

Control Method	Smartphone App (Tuya Smart), RF Remote
Remote Control Range	Up to 100 feet (30 meters) in open areas
Recommended Use	Inswinging Indoor Doors
Item Weight	14.06 pounds

Setup and Installation

Proper installation is crucial for the security and functionality of your electromagnetic lock system. Follow these steps carefully.

Component Overview



Image: The main controller unit, showing its indicators and connection to the smartphone app.



Image: The electromagnetic lock and its corresponding armature plate.



Image: The wired exit button for internal door release.

Wiring Diagram and Installation Steps

Refer to the wiring diagram below for correct connections. Ensure all connections are secure before applying power.

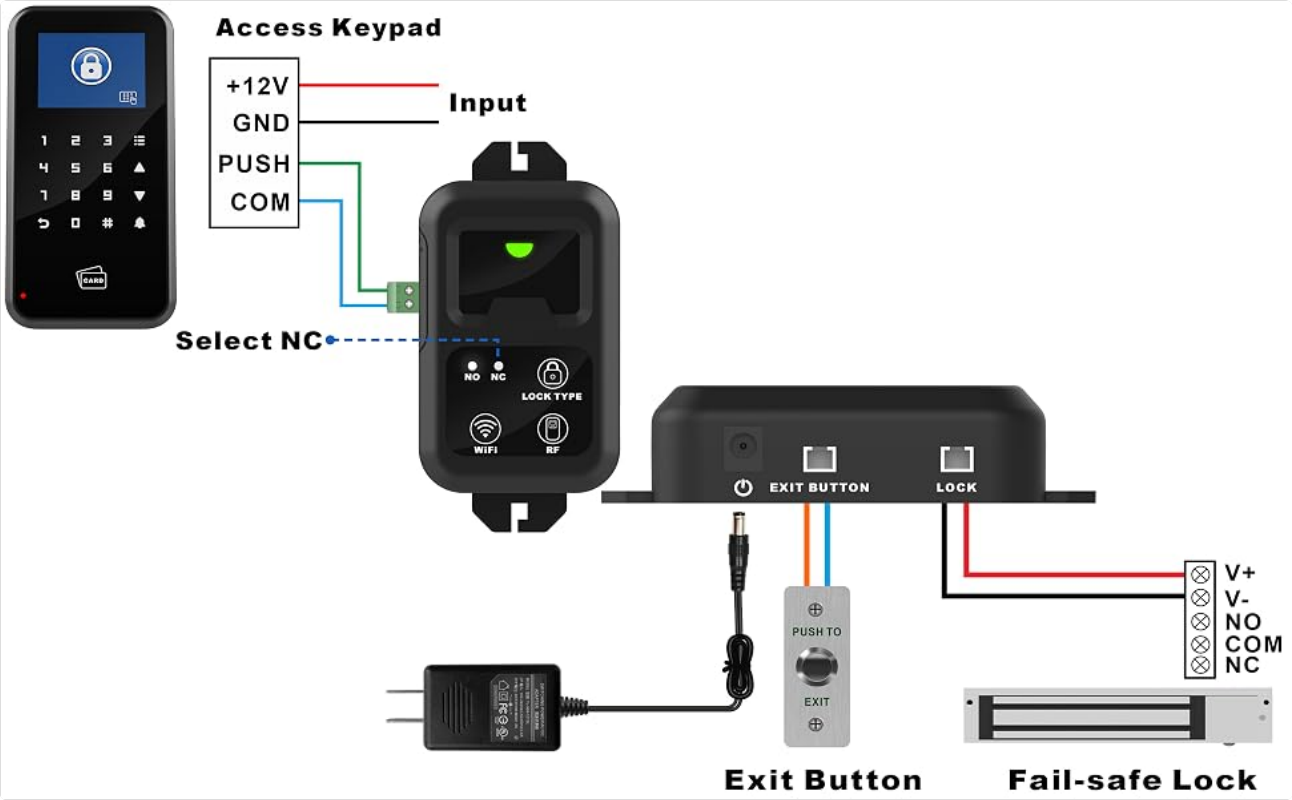


Image: Comprehensive wiring diagram for the electromagnetic lock system, including optional access keypad connection.

1. **Mount the Electromagnetic Lock:** Install the electromagnetic lock unit on the door frame and the armature plate on the door itself, ensuring proper alignment for maximum holding force. For inswinging doors, an L-bracket or Z-bracket may be required (check included hardware).
2. **Position the Controller:** Mount the main controller unit in a secure, accessible location near the door, ensuring it is within Wi-Fi range.
3. **Connect the Electromagnetic Lock:** Connect the electromagnetic lock to the controller's designated lock terminals (V+, V-, NO, COM, NC) according to the wiring diagram. For fail-safe operation (lock unlocks on power loss), connect to NC (Normally Closed) and COM. For fail-secure (lock remains locked on power loss), connect to NO (Normally Open) and COM.
4. **Connect the Exit Button:** Wire the exit button to the controller's 'EXIT BUTTON' terminals. This allows for manual unlocking from the inside.
5. **Connect Power:** Plug the provided power adapter into a 240V outlet and connect its output to the controller's power input.
6. **Initial Test:** Once all connections are made, apply power. Test the exit button and ensure the lock engages and disengages correctly.

Operating Instructions

Remote Control Operation

The kit includes wireless RF remote transmitters for convenient door control.



Image: The wireless RF remote control.

1. **Pairing Remotes:** The remotes are typically pre-paired. If not, refer to the controller's specific instructions for pairing new RF transmitters (usually involves pressing a learning button on the controller and then a button on the remote).
2. **Unlocking:** Press the button on the remote control to temporarily disengage the electromagnetic lock, allowing the door to be opened. The lock will re-engage after a short delay or when the door is closed.
3. **Range:** The remote control has an effective range of up to 100 feet (30 meters) in open areas. Obstructions may reduce this range.

Smartphone App Control (Tuya Smart)

Control your lock system from anywhere using the Tuya Smart app on your smartphone.



Image: The controller unit demonstrating smartphone app connectivity.

1. **Download the App:** Download the 'Tuya Smart' app from the iOS App Store or Google Play Store.
2. **Register/Log In:** Create a new account or log in to your existing Tuya Smart account.
3. **Add Device:**
    - Ensure your smartphone is connected to a 2.4GHz Wi-Fi network.
    - Open the Tuya Smart app and tap '+' to add a device.
    - Select the appropriate device category (e.g., 'Security & Sensor' -> 'Door Lock' or 'Other' -> 'Wi-Fi Connector').
    - Follow the in-app instructions to put the controller into pairing mode (usually involves pressing and holding the Wi-Fi button on the controller until the indicator light blinks rapidly).
    - Enter your Wi-Fi network password and confirm. The app will then connect to and configure the device.
4. **Remote Control via App:** Once connected, you can remotely lock/unlock the door from anywhere with an internet connection. The app will also display the device status.
5. **Timing Function:** Set countdown, scheduled on/off times for the lock. This allows for automated

locking/unlocking based on your schedule.

6. **Grouping Function:** If you have multiple Tuya-compatible devices, you can group them for easier management.
7. **Smart Scene:** Create automated scenarios, e.g., unlock the door when a specific condition is met by another smart device.
8. **Share Control:** Share access to the lock with family members or trusted individuals through their own Tuya Smart accounts.

Maintenance

Regular maintenance helps ensure the longevity and reliable operation of your lock system.

- Keep the electromagnetic lock and armature plate clean and free of debris to ensure proper contact and holding force.
- Periodically check all wiring connections for tightness and signs of wear.
- Ensure the power adapter is not damaged and is securely plugged in.
- For remote controls, replace batteries (CR2016/3V) as needed if the range or responsiveness decreases.
- Keep the Tuya Smart app updated to the latest version for optimal performance and security features.

Troubleshooting

If you encounter issues with your UHPPOTE lock kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Lock does not engage/disengage	No power; Loose wiring; Misaligned lock/plate	Check power adapter connection; Verify all wiring is secure; Adjust lock and armature plate alignment.
Remote control not working	Dead battery; Not paired; Out of range	Replace remote battery; Re-pair remote with controller; Move closer to the controller.
App cannot connect to device	Incorrect Wi-Fi (5GHz); Weak Wi-Fi signal; Device not in pairing mode	Ensure 2.4GHz Wi-Fi; Improve Wi-Fi signal strength; Put controller into pairing mode as per app instructions.
Exit button not working	Loose wiring; Faulty button	Check wiring to the exit button terminals; Test the button for continuity.

Warranty and Support

UHPPOTE products are designed for reliability and performance. This product is covered by a standard manufacturer's warranty against defects in materials and workmanship. For specific warranty terms and duration, please refer to the product packaging or contact UHPPOTE customer support.
For technical assistance, troubleshooting, or warranty claims, please contact UHPPOTE customer support through their official website or the contact information provided with your purchase. Please have your model number (UT-WIFI-500KG-BKT) and purchase details ready when contacting support.

© 2024 UHPPOTE. All rights reserved.

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

Open the live page

https://manuals.plus/asin/B07RBSQ8G2

More documents and user manuals: **https://manuals.plus/**