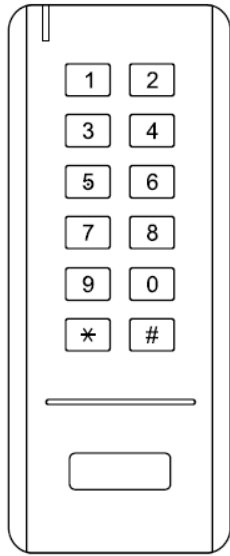


NEPWKP01 - Wireless Keypad Access Control



User Manual

INTRODUCTION

The NEPWKP01 is a single door wireless keypad access control, consists of a wireless keypad and a mini controller. TEA+ Rolling Code of encryption algorithm and the split design guarantees higher-secure.

The keypad can store 100 PIN users. Because of ultra low power consumption, it can work as long as two years (bases on 100 times/day), with just 3 units of AAA batteries. It will remind people to replace batteries intelligently if low battery.

Features

- > 100 PIN users
- > PIN length: 4~8 digits
- > Communication frequency: 2.4G
- > Communication distance: 15m Max
- > Pulse mode, toggle mode
- > Tri-color LED status display
- > Ultra low power consumption (wireless keypad≤10uA)

Specifications

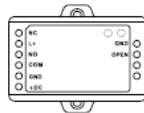
User Capacity	100 PIN
Operating Voltage	Wireless Keypad Mini Controller
	3units of AAA batteries 12V DC ±20%
Current	
Idle Current	Wireless Keypad: ≤10uA; Mini Controller: ≤20mA
Working Current	Wireless Keypad: ≤0.4mA; Mini Controller: ≤40mA
Communication Frequency	2.4G
Communication Distance	15m Maximum
Relay Contact Load	2Amp Maximum
Environment	Indoor
Operating Temperature	-20°C~60°C (-4°F~140°F)
Operating Humidity	0%~86%RH

Physical Dimensions	ABS Shell Wireless Keypad: L135×W54×D19 (mm) Mini Controller: L65 × W54 × D19 (mm)
Unit Weight	Wireless Keypad: 90g Mini Controller: 45g
Shipping Weight	220g

Carton Inventory



Wireless Keypad



Mini Controller



Diode 1N4004 (For relay circuit protection)

Self Tapping Screws: Φ3 X 25mm

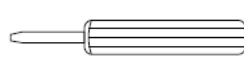
Self Tapping Screws: Φ3 X 25mm



Wall Anchors

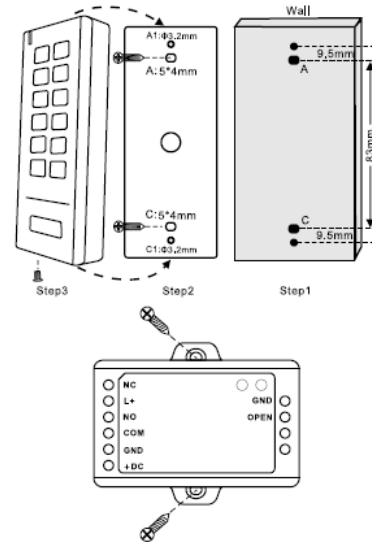


Screw Driver



Screw Driver

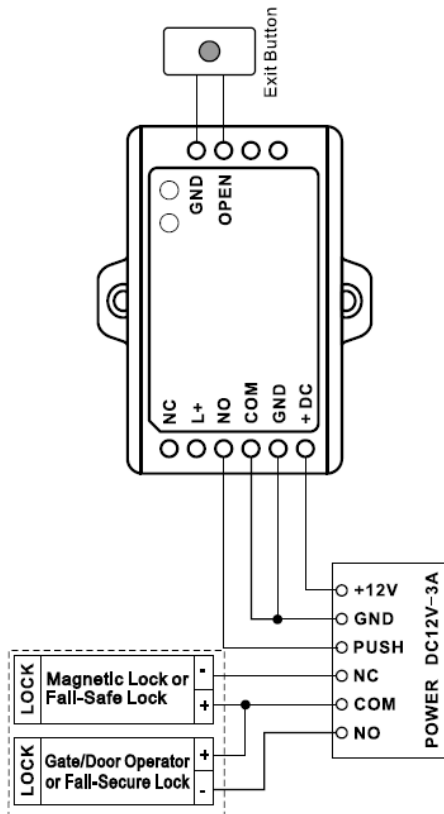
INSTALLATION



Sound and Light Indication

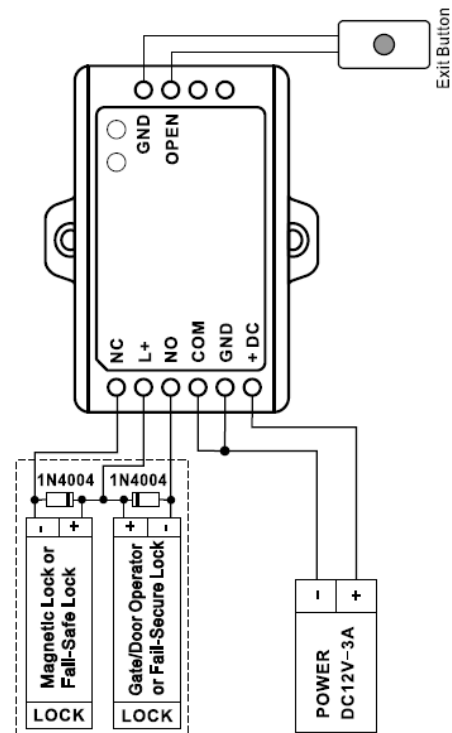
Operation Status	Red LED	Green LED	Buzzer
Standby	—	—	—
Unlock the lock	—	ON for 3 seconds	One beep
Key press under Program mode	—	—	One beep
Enter into Program mode	Shines per 1.5 seconds	—	One long beep
Invalid PIN	—	—	—
Exit from the Program mode	—	—	One beep
Low battery reminding	Orange LED ON	—	Three beeps

**Connection Diagram
Access Control Power Supply:**



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Common Power Supply:



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PROGRAMMING

Enter and Exit Program Mode

Program Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) # (Factory default is 123456)
2. Exit	*

Set Master Code

Program Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Update Master Code	0 (New Master Code) # (Repeat New Master Code) # Master code is any 6 digits
3. Exit	*

Add Users

User ID: 0-99; PIN length: 4-8 digits

Programming Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Add Users	1 (User ID) # (PIN) # (Repeat PIN) # The users can be added continuously
3. Exit	*

Change PIN

The users can change their PINs themselves by below operation, which does not need to enter program mode.

* (User ID) # (Old PIN) # (New PIN) #
(Repeat New PIN) #

Delete Users

Program Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Delete user	2 (User ID) # The users can be deleted continuously
OR	
2. Delete all users	2 (Master Code) #
3. Exit	*

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Set Access Mode

Program Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. PIN Access	3 0 # (factory default)
OR	
User ID + PIN Access	3 1 #
3. Exit	*

Set Relay Configuration

The relay configuration sets the behavior of the output relay on activation.

Program Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Pulse Mode	4 (1-99) # (factory default) The relay time is 1-99 seconds. (1 is 50mS.) (Default is 5 seconds)
OR	
Toggle Mode	4 0 # Set the relay to ON/OFF Toggle mode
3. Exit	*

Set Safety Mode

In safety mode, it can be set to deny access for 10 minutes after 10 failed PIN attempts in 10 minutes (Factory is OFF).

Program Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Strike-Out OFF	6 0 # (factory default)
OR	
Strike-Out ON	6 1 #
3. Exit	*

Set Buzzer

Program Step	Keystroke Combination
1. Enter Program Mode	* (Master Code) #
2. Buzzer OFF	7 0 #
OR	
Buzzer ON	7 1 # (factory default)
3. Exit	*

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Pair Wireless Keypad and Mini Controller

(The Wireless keypad and Mini Controller are already paired when out of factory, if no problem, the users do not need to do this operation in using.)

To pair the wireless keypad and the controller:

Wireless Keypad: * (Master Code) # 9 0 #

Mini Controller: Remove the back cover, and press the button "Pair"

If pair successfully, there will be one beep from both the controller and the keypad; if not, there will be three short beeps, then please repeat the setting. The keypad does not need to be entered * for exit in this step.

Reset to Factory Default

Open the back cover of the wireless keypad, press the button "RST" on the main board, hold it for 5 seconds, release it until hear a long beep, means reset to factory default successfully.

Reset to factory default, the users' information will still be retained, and no need to pair the wireless keypad and mini controller again.

Low Battery Reminding

With 3 units of AAA batteries, the wireless keypad can work continuously for at least 2 years, basing 100 time PIN input a day.

If low battery of the wireless keypad, there will be 3 beeps when every key is pressed, and the LED will stay in Orange, then please replace the batteries for the keypad within one week.

NEPWKP01- Simplified Instruction	
Function description	Operation
Enter the program mode	* (123456) # then you can do the Program (123456 is the factory default master code)
Change the master code	0 (New Code) # (Repeat New Code) # (code: 6 digits)
Add PIN user	1 (User ID) # (PIN) # (Repeat PIN) #
Delete PIN user	2 (User ID) #
Exit from the program mode	*
How to release the door	
PIN Access	PIN #
User ID + PIN Access	User ID # PIN #